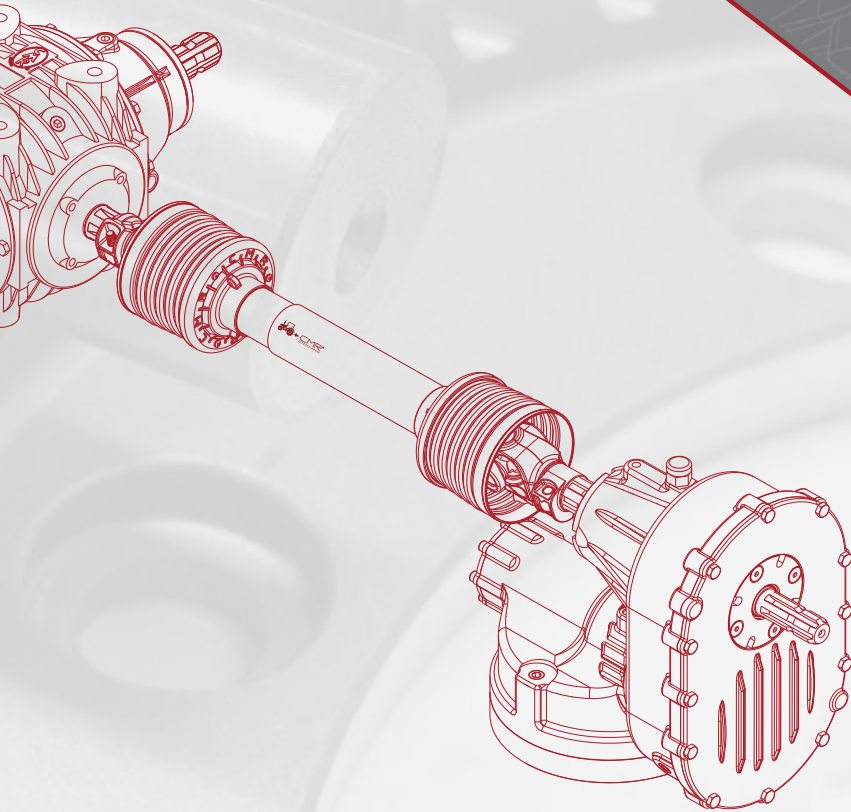


**CMR**<sup>®</sup>  
AGRICULTURE

# SCATOLE INGRANAGGI GEARBOXES



**Catalogo Tecnico Generale**  
*General Technical catalogue*









Passion and Commitment





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# CMR Agriculture

La nuova sede della **CMR Agriculture**, situata a Borzano di Albinea (Reggio Emilia) ITALIA, opera su una superficie totale di mq. 7.000, suddivisa in mq. 600 dedicati agli uffici, mq. 3.400 ai magazzini ed il restante della superficie ad aree scoperte, adibite a carico/scarico e/o stoccaggio materiali.

**CMR Agriculture** si occupa principalmente della progettazione, produzione e distribuzione di: alberi cardanici, ricambi per alberi cardanici, scatole ingranaggi.

Stabilimenti attrezzati con moderne

macchine utensili, consentono al Cliente un'ampia scelta di prodotti standard ed a disegno garantendo la massima flessibilità in fase di realizzazione.

## Nuova Sede Principale New Headquarters



**Grazie a un supporto commerciale basato su un'elevata competenza tecnica rispondiamo in tempo reale alle esigenze dei Clienti.**

*Thanks to a sales support that is based on a high technical expertise, we can answer in "real time" to any customer needs.*

## **CMR AGRICULTURE**

The new headquarters of **CMR Agriculture**, located in Borzano di Albinea (Reggio Emilia) ITALY, operates on a total area of approx. 7.000, square meters, divided into 600 sqm. dedicated to offices and 3.400 sqm. to warehouses, the remainder of the surface to uncovered areas, used for loading / unloading and / or storage of materials.

**CMR Agriculture** mainly deals with the design, production and distribution of: PTO shafts, spare parts for PTO shafts, gearboxes. Factories equipped with modern machine tools, allow the customer a wide choice of standard and custom-made products, ensuring maximum flexibility in the manufacturing phase.

**Magazzini  
Warehouses**



**Magazzini  
Warehouses**



# Vision aziendale

**CMR Agriculture** è da sempre orientata ed attenta alle tematiche d'industrializzazione ed all'ottimizzazione dei costi di produzione, obiettivi perseguibili attraverso l'identificazione di ciò che considera come principali linee guida le seguenti:

- responsabilità verso i Clienti, con impegno costante e la continua ricerca di soluzioni in grado di soddisfare le più svariate esigenze. Qualità dei prodotti e servizi offerti, contenimento dei costi rappresentano i fondamenti del Gruppo per ambire ad un processo continuo di fidelizzazione ;
- attenzione nella gestione dei Collaboratori, caratterizzata dalla valorizzazione del personale, dalla crescita professionale, dallo spirito di gruppo, dal rispetto dei requisiti di sicurezza, da sempre sono valori paradigma da seguire e ambire per il miglioramento delle condizioni lavorative all'interno del Gruppo ;
- impegno verso l'Azienda, assicurando un elevato senso di responsabilità nella miglior gestione del *business* volta a garantire i migliori risultati, il tutto gestito con etica, trasparenza e rispetto delle normative cogenti in materia legislativa e di protezione dei diritti umani sia in territorio Nazionale sia all'estero ;
- piano strategico aziendale, obiettivo è il rafforzamento nei mercati attraverso il potenziamento della distribuzione diretta in Italia ed all'Estero, l'ampliamento della gamma di prodotti e servizi offerti, il lancio di nuovi prodotti a **marchio CMR** ed un pacchetto di attività opportunamente pianificate di *brand awareness*.

L'insieme dei concetti e valori suesposti indirizza **CMR** verso ambiziosi traguardi futuri di sviluppo del business, al consolidamento dei rapporti con tutti gli *Stakeholder*, al miglioramento e potenziamento di tutte le aree aziendali.

## COMPANY VISION

**CMR Agriculture** has always been focused on issues concerning industrialization and production cost optimization.

Goals pursued by identifying what we consider to be the principal guidelines, which include:

- responsibility towards the customers through on-going commitment and continuous research into solutions able to meet the most varied requirements, promoting customer loyalty by providing quality products, services and cost containment. These are the foundations on which the Group has built its business ;
- focus on personnel management, meaning personnel enhancement, professional growth, team spirit and compliance with the safety requirements. These have always been paradigm values to follow and aspire to for the purpose of improving working conditions within the Group ;
- commitment towards the Company by assuring a strong sense of responsibility and optimum business management focused on achieving the best results, all in the name of good business ethics, transparency and compliance with the mandatory laws governing the protection of human rights both in Italy and abroad ;
- corporate strategic plan focused on strengthening the presence of the company in the markets by expanding the distribution in Italy and abroad, extending the range of products and services offered, launching new **CMR brand** products and a package of accurately planned brand awareness activities.

All the concepts and values described above have directed **CMR** towards ambitious future business development goals by strengthening its relations with all stakeholders and enhancing and reinforcing all areas of the company.

# Mission aziendale

Da ormai diversi anni, l'evoluzione profonda e continua del mercato impone nuove regole alle quali è necessario sottostare per realizzare *business* soddisfacenti. Elasticità, prontezza, praticità e concretezza rappresentano elementi essenziali per essere parte attiva e protagonista di primo livello nell'attuale e futuro mercato globale. Le tematiche connesse all'industrializzazione e all'ottimizzazione dei costi di produzione, l'analisi dei processi e dei flussi di lavoro, la ricerca e sviluppo, l'acquisizione continua di nuove tecnologie dei mezzi produttivi, sono parte integrante della mission aziendale. Passione e impegno sono capisaldi della cultura aziendale di **CMR**, la costante ricerca della soddisfazione dei propri Clienti rappresenta un "MUST" parte indispensabile tra i principali obiettivi aziendali.

## COMPANY MISSION

*The continuous and profound changes the market has undergone over the years have led to new regulations with which companies must comply if their business results are to be satisfactory. Flexibility, readiness and a level-headed attitude are essential characteristics allowing businesses to become top-level protagonists of the current and future global market. Issues concerning industrialization and production cost optimization, analysis of processes and work flows, research and development, on-going acquisition of new technologies and production equipment are an integral part of the corporate mission. Passion and commitment are cornerstone of the corporate culture of **CMR** while the constant endeavour to achieve Customer Satisfaction is a "MUST", an essential part of the main corporate goals.*



# Progettazione e produzione

**CMR Agriculture** grazie alle competenze acquisite, all'elevata professionalità e ad un parco macchine di produzione tecnologicamente avanzato è in grado, partendo dallo studio e produzione del disegno tecnico di realizzare prodotti in base alle più svariate esigenze dei propri Clienti, un'ampia gamma di soluzioni studiate *ad hoc*.

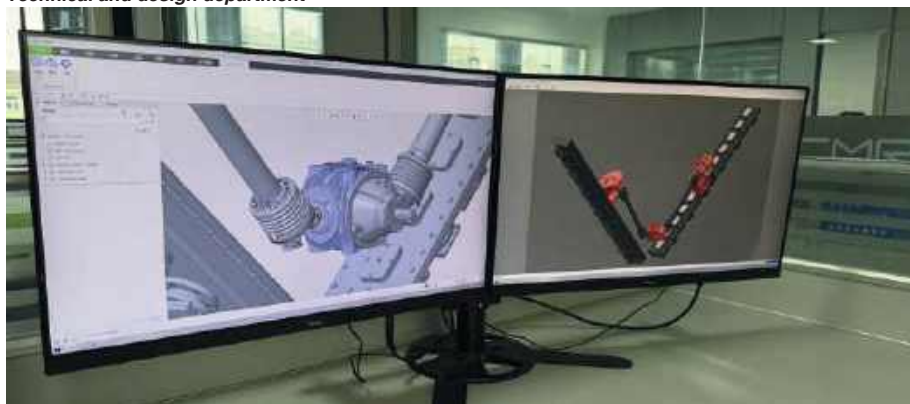
Le produzioni per applicazioni agricole e

nei più svariati settori, contraddistinguono **CMR** come Partner di fiducia, capace di seguire il particolare meccanico dal disegno alla progettazione e realizzazione, fino al supporto tecnico/commerciale *post* produzione.

**Tutti i processi sono interni all'azienda.**

## Ufficio Tecnico e progettazione

*Technical and design department*



## Reparto elettroriscaldamento

*Electrical upsetting presses*



# Progettazione e realizzazione completa dei prodotti.

*Full products development from  
design to manufacturing.*

**Macchina per rettifica CNC**  
Grinding machine CNC



**Trattamenti termici**  
Heat treatments



## ENGINEERING AND PRODUCTION

*By researching and designing the actual technical drawing, **CMR Agriculture** can produce parts to suit the customers' most varied requirements, a broad range of purpose made solutions, thanks to its acquired skills, high level of professionalism and technologically advanced production machinery. **CMR** products for agricultural machinery applications and a wide variety of other industries allow the company to justifiably lay claim to being trusted Partners, able to provide a comprehensive service for each mechanical part, from drawing, to design engineering and manufacturing through to post-production technical/sales support. **All processes are internal to the company.***

**Centro freni per controllo coppie**  
Torque control brake center



# Processi produttivi interni

L'intero ciclo produttivo avviene interamente all'interno dei nostri stabilimenti:

- produzioni ;
- lavorazioni meccaniche ;
- rettifiche ;
- verniciatura ;
- trattamenti termici
- controlli dimensionali ;
- controlli qualità .

## **INTERNAL PRODUCTION PROCESSES**

*The entire production cycle takes place in our plants:*

- *productions ;*
- *mechanical machining ;*
- *grinding ;*
- *coating ;*
- *heat treatments ;*
- *dimensional checks ;*
- *quality controls .*

**Centri di lavoro CNC**  
**CNC machining center**



**Centri di lavoro CNC**  
**CNC machining center**



**Centri di lavoro CNC**  
**CNC machining center**



**Standard qualitativi elevati, prodotti just in time, rapidità, puntualità e interessanti savings.**

*High quality standard, products to be supplied on just in time, rapidly, promptly with interesting savings.*

**Linea assemblaggio**  
**Assembly line**



**CNC orizzontali**  
**Horizontal CNC**



**Centri di lavoro CNC**  
**CNC machining center**



**Centri di lavoro CNC**  
**CNC machining center**



**Dentatrice CNC**  
**CNC gear cutting machine**



**Dentatrice CNC**  
**CNC gear cutting machine**



# Qualita

“Qualita imprescindibile” non è solo uno slogan, ma un credo, un dovere, parte integrante della cultura aziendale che ha accompagnato fin dalla propria nascita **CMR Agriculture**.

Moderni laboratori di Controllo Qualità, presenti sia nei siti produttivi sia presso la sede, affiancano costantemente le produzioni, eseguendo controlli statici sui prodotti, al fine di garantirne la conformità. I principali strumenti di verifica e controllo sono i seguenti, moderne attrezzature tutte provviste di certificati di taratura, come richiesto dalle normative della Qualità:

- braccio meccanico tridimensionale ;
- evolventimetro ;
- altimetro,
- durometro ;
- rugosimetro ;
- tamponi lisci e filettati p/np ;
- calibri ;
- micrometri.

## **Braccio meccanico tridimensionale** *Three-dimensional mechanical arm*



## **Dinamometro** *Dynamometer*



## **Durometro** *Durometer*



# Da oltre trent'anni progettiamo e realizziamo componentistica meccanica di alto livello qualitativo e prestazionale.

*For over thirty years we design  
and manufacture high quality  
and performance mechanical  
components.*

**Controllo qualità**  
Quality control



**Controllo tridimensionale**  
Three-dimensional control



## QUALITY

"Indispensable quality" is not just a slogan but a credo, a duty, an integral part of the corporate culture upheld by **CMR Agriculture** since it was established. Modern Quality Control laboratories in the production facilities, assist the production phases by checking all products to static control in order to guarantee their conformity. The main verification and control instruments, all with calibration certificates as required by the Quality standards, are:













- three-dimensional mechanical arm ;
- involute pitch gauge ;
- altimeter ;
- hardness tester ;
- roughness ;
- smooth and threades pads go/hogo ;
- gauges ;
- micrometers .





**Controllo qualità**  
Quality control




**Controllo qualità**  
Quality control



SERIE L		
L-11	 <p>Spandiconcime Fertilizer Spreaders</p>	18
L-15	 <p>Seghe circolari / a nastro Circular Saws / Belt Saws</p>  <p>Spandiconcime Fertilizer Spreaders</p>  <p>Pressa raccoglitrice Bales</p>  <p>Fasciatori Carried Bale Wrappers</p>	20
L-25	 <p>Seghe circolari / a nastro Circular Saws / Belt Saws</p>  <p>Fresatrici Rotary Tillers</p>  <p>Trince Shredders</p>  <p>Pressa raccoglitrice Bales</p>	22
L-11-15-11	 <p>Spandiconcime Fertilizer Spreaders</p>	24
L-15-25-15	 <p>Spandiconcime Fertilizer Spreaders</p>	26
L15-T18-L15	 <p>Spandiconcime Fertilizer Spreaders</p>	28

Codifica/Code							
Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
<b>S</b>	<b>R</b>	<b>21</b>	<b>06</b>	<b>01</b>	<b>29</b>	<b>06</b>	<b>X</b>
S	cod.R	cod.21	cod.06	cod.01	cod.29	cod.06	cod.X
	R Denti dritti senza ruota libera Straight Teeth without Free Wheel	↑ L11 ..	↑ 1:1 ..	↑  ..	↑  ..	↑  ..	↑  ..
	L Denti dritti con ruota libera Straight Teeth with Free Wheel						
		vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page			vedi pagine dedicate see dedicated page



**L11** cod.21


Preparazione del terreno  
Land preparation

Dimensioni / Dimensions

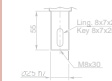
Caratteristiche tecniche / Technical data							
Modello	Velocità	Velocità	Velocità	Velocità	Velocità	Velocità	Velocità
cod.01	300	300	300	300	300	300	300
cod.06	400	400	400	400	400	400	400

Alberi / Shafts

cod.01




cod.29




Long. 8x7x25  
Key 6x7x25  
M8x30

cod.06



Long. 8x8x30  
Key 6x8x35  
M8x30

Sensi di rotazione alberi / Shaft rotation directions

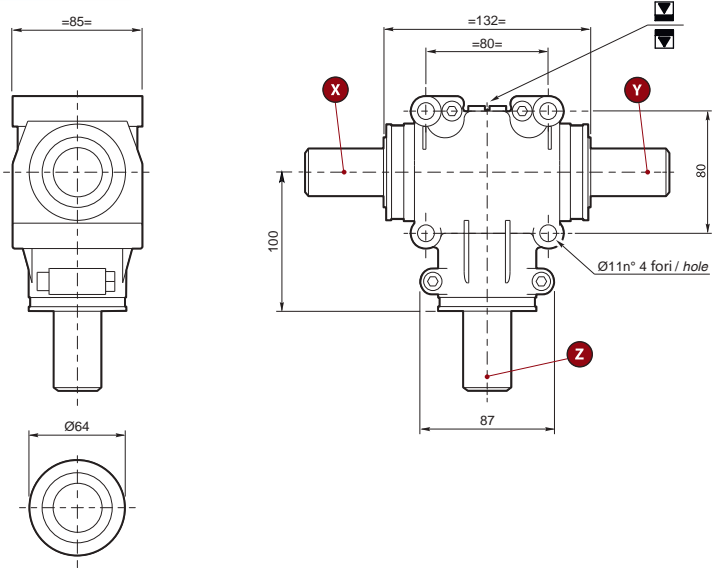


L-11

cod.21



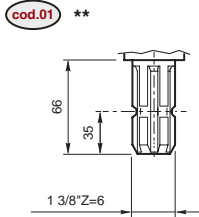
Dimensioni / Dimensions



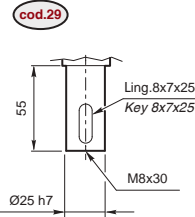
Caratteristiche tecniche / Technical data

i	Input					Materiale Material	Dentatura Toothing	KG	LT		Alberi Shafts
	Z	X / Y									
3.25:1	cod.19**	—	540	166	2(3)	33	110	Alluminio Aluminium	3.6	0.3 Grease Grease	Vedi pagina seguente See next page
1.90:1	cod.12**	cod.30	540	284	5(7)	84	161				
1.35:1	cod.28	cod.08	540	400	7(10)	123	167				
1:1	cod.06**	cod.06	540	540	8(11)	136	136				
1:1.35	cod.08	cod.28	540	729	7(10)	123	91				
1:1.90	cod.30	cod.12	540	1026	7(10)	123	63				
1:3.25	—	cod.19	540	1755	4(5)	68	21				

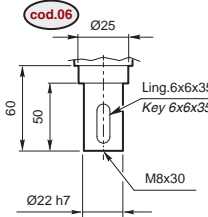
Alberi / Shafts



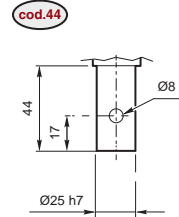
X Y Z



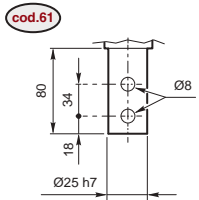
X Y Z



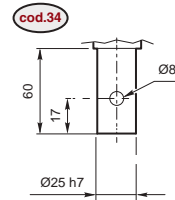
X Y Z



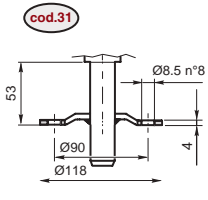
X Y Z



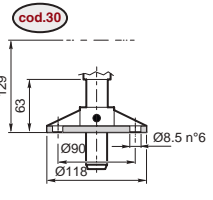
X Y Z



X Y Z



X Y  
Z solo i=1:1  
only i=1:1

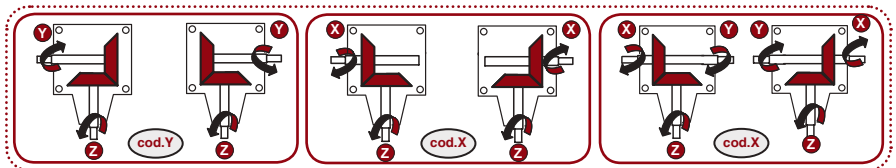


X Y Z

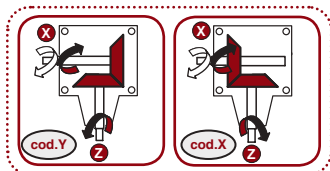


su **Z** per rapporti 3.25:1, 1:2.78 e 1:1.9 ottenuto con boccia scanalata.  
on **Z** for ratio 3.25:1.1.9:1 and 1:1.9 obtain with bush.

Sensi di rotazione alberi / Shaft direction



**cod.R** ..... Denti dritti senza ruota libera  
Straight Teeth without Free Wheel

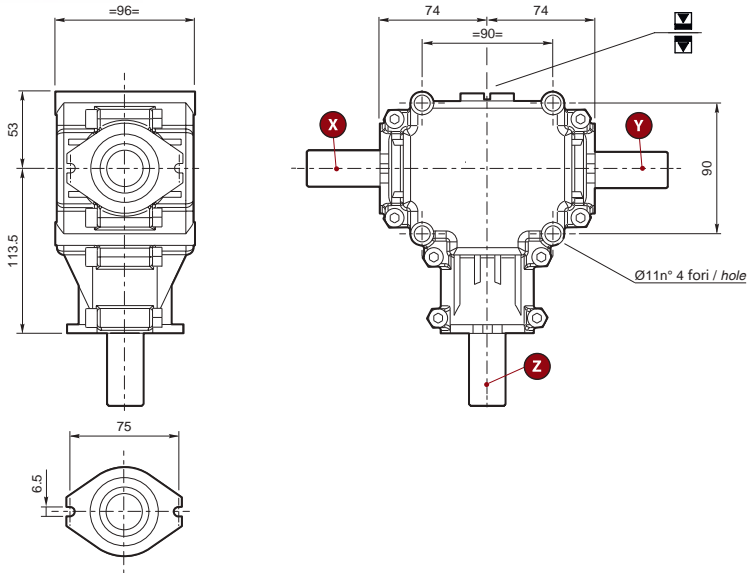


**cod.L** ..... Denti dritti con ruota libera  
Straight Teeth with Free Wheel

## L-15 cod.22



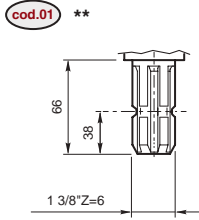
### Dimensioni / Dimensions



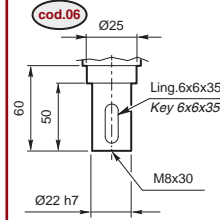
### Caratteristiche tecniche / Technical data

i	Input		rpm		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
3.25:1	cod.19	—	540	166	3(4)	52	171	Alluminio Aluminium	Gleason denti dritti Gleason Straight Teeth	4.7	0.4 Grasso Grease	Vedi pagina seguente See next page
3:1	cod.18	—	540	180	3(4)	52	156					
2.78:1	cod.16	—	540	194	4(5)	68	189					
1.9:1	cod.12	cod.30	540	284	7(9)	118	226					
1.35:1	cod.28	cod.34	540	400	9(13)	152	206					
1:1	cod.06	cod.06	540	540	11(15)	187	187					
1:1.35	cod.34	cod.28	540	729	12(16)	203	151					
1:1.9	cod.30	cod.12	540	1026	10(14)	169	89					
1:2.78	—	cod.16	540	1501	7(10)	123	43					
1:3	—	cod.18	540	1620	4(6)	68	23					
1:3.25	—	cod.19	540	1755	4(6)	68	21					

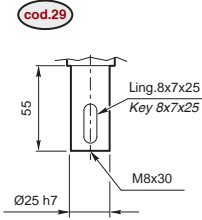
Alberi / Shafts



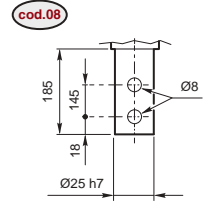
cod.01 \*\*  
X Y Z



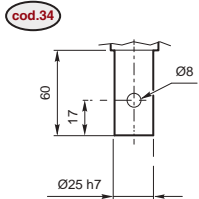
cod.06  
X Y Z



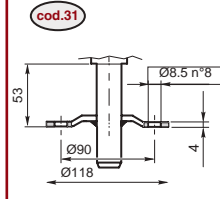
cod.29  
X Y Z



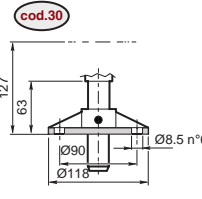
cod.08  
X Y Z



cod.34  
X Y Z



cod.31  
X Y  
solo i=1:1  
Z only i=1:1

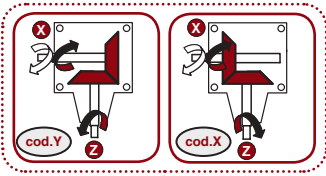
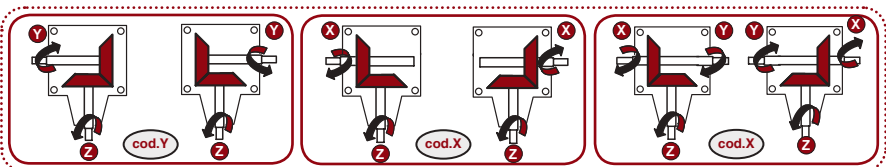


cod.30  
X Y Z



su **Z** per rapporti 3.25:1, 1:2.78 e 1:1.9 ottenuto con boccola scanalata.  
on **Z** for ratio 3.25:1.1.9:1 and 1:1.9 obtain with bush.

Sensi di rotazione alberi / Shaft direction



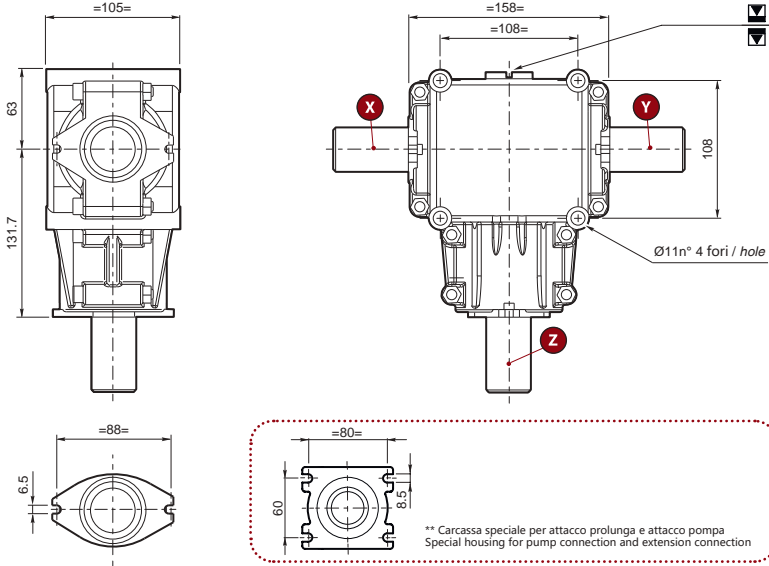
cod.R ..... Denti dritti senza ruota libera  
Straight Teeth without Free Wheel

cod.L ..... Denti dritti con ruota libera  
Straight Teeth with Free Wheel

**L-25** cod.23



**Dimensioni / Dimensions**

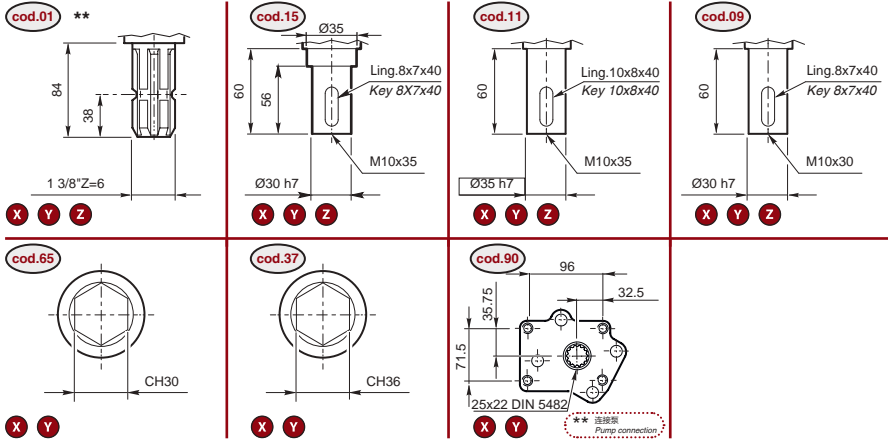


\*\* Carcasa speciale per attacco prolunga e attacco pompa  
Special housing for pump connection and extension connection

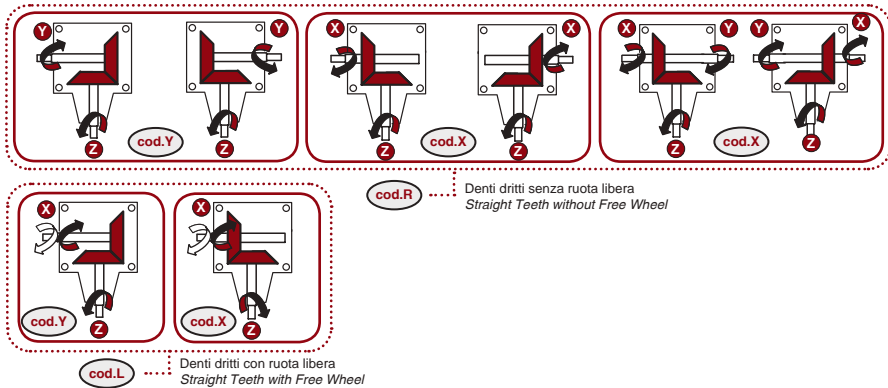
**Caratteristiche tecniche / Technical data**

i	Input		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	X / Y										
2.9:1	cod.17	—	540	186	4/6	74	216	Alluminio Aluminium	Gleason denti dritti Gleason Straight Teeth	7.5	0.5 Grasso Grease	Vedi pagina seguente See next page
1.9:1	cod.12	cod.30	540	284	9/12	156	310					
1.46:1	cod.09	cod.13	540	370	12/16	208	304					
1.35:1	cod.28	cod.34	540	400	14/19	247	333					
1:1	cod.06	cod.06	540	540	15/20	260	260					
1:1.35	cod.34	cod.28	540	729	13/17	230	170					
1:1.46	cod.13	cod.09	540	788	16/22	286	196					
1:1.9	cod.30	cod.12	540	1026	13/18	233	123					
1:2.9	—	cod.17	540	1566	9/12	162	56					

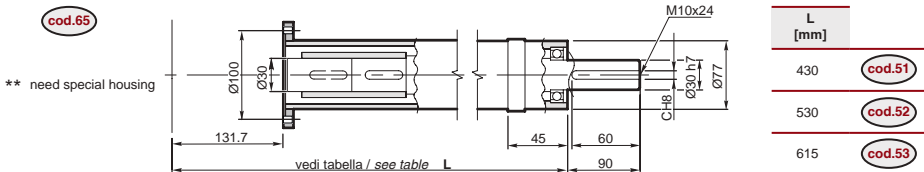
**Alberi / Shafts**



**Sensi di rotazione alberi / Shaft direction**



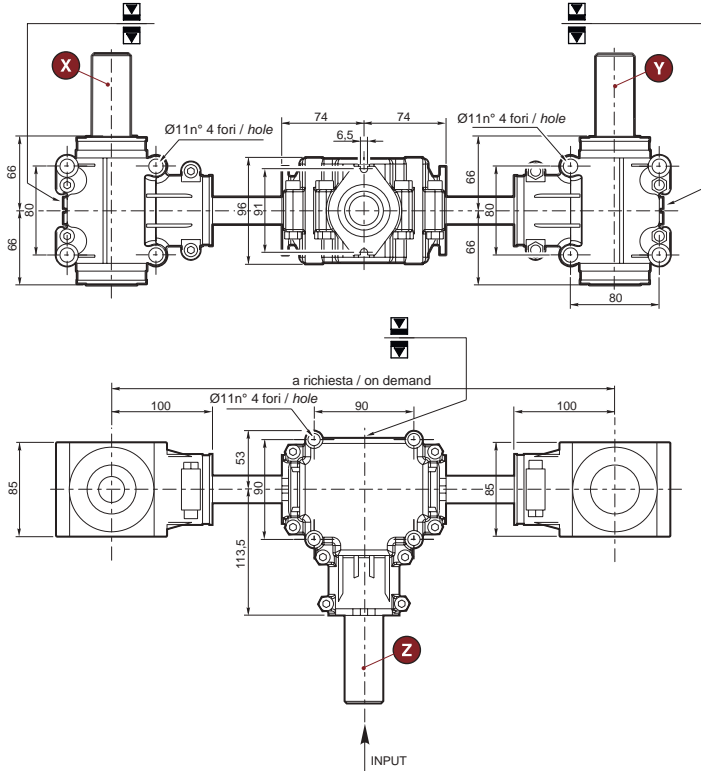
**Prolunghe / Extensions**



# L-11-15-11 cod.24



## Dimensioni / Dimensions

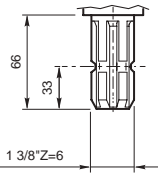


## Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing			
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">z</span>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)					
1:1.35	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.08</span>	540	729	11(15)	195	144	Alluminio Aluminium	Gleason denti dritti Gleason Straight Teeth	11.5	1.2 Grasso Grease	Vedi pagina seguito See next page

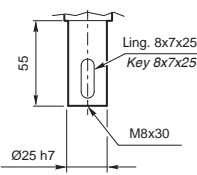
**Alberi / Shafts**

cod.01



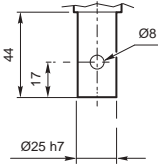
X Y Z

cod.29



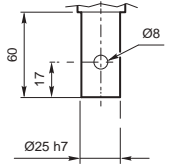
X Y Z

cod.44



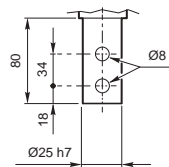
X Y Z

cod.34



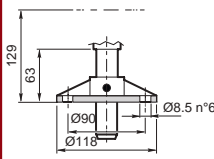
X Y Z

cod.08



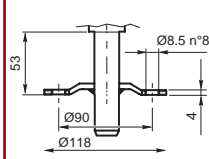
X Y Z

cod.30



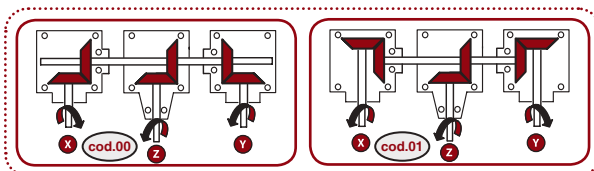
X Y Z

cod.31



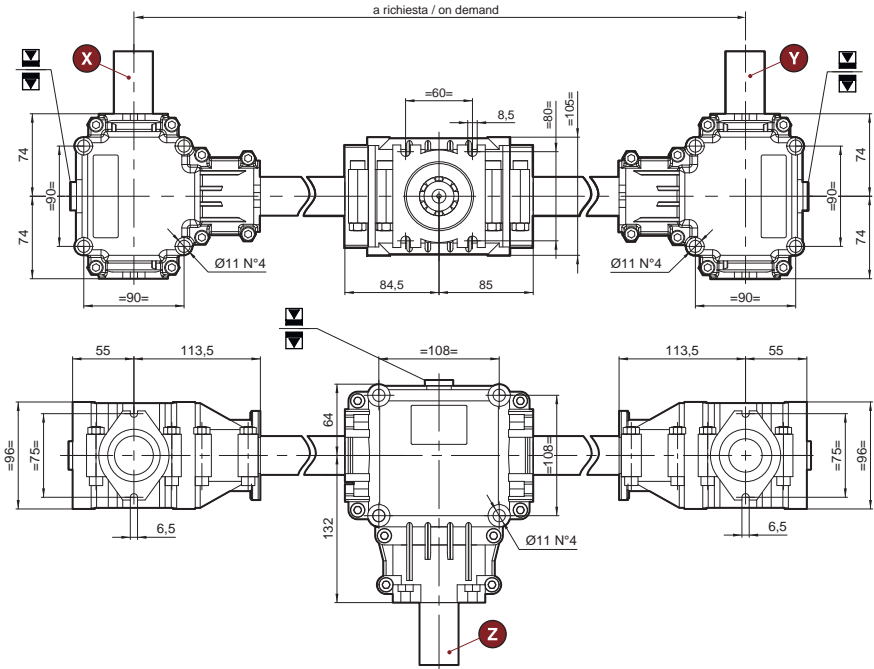
X Y Z

**Sensi di rotazione alberi / Shaft direction**



cod.R ..... Denti dritti senza ruota libera  
Straight Teeth without Free Wheel

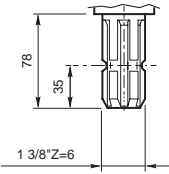
# L-15-25-15 cod.27


**Dimensioni / Dimensions**

**Caratteristiche tecniche / Technical data**

i	Input										
	<b>Z</b>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
1:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.06</span>	540	540	15/20	260	260	Alluminio Aluminium	Gleason denti dritti Gleason Straight Teeth	17	1.3 Grasso Grease	Vedi pagina seguente See next page
1:1.35	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.08</span>	540	729	13/17	230	170					
1:1.46	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.13</span>	540	788	16/22	286	196					
1:1.9	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.30</span>	540	1026	13/18	233	123					

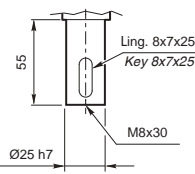
**Alberi / Shafts**

cod.01



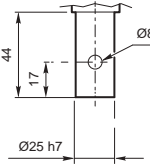
X Y Z

cod.29



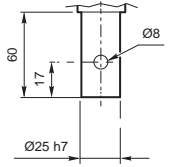
X Y Z

cod.44



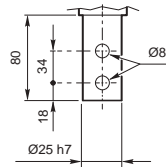
X Y Z

cod.34



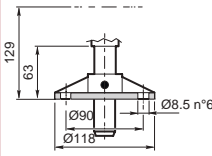
X Y Z

cod.08



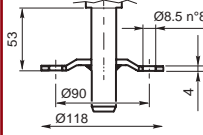
X Y Z

cod.30



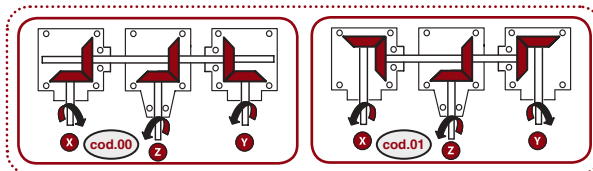
X Y Z

cod.31



X Y Z

**Sensi di rotazione alberi / Shaft direction**



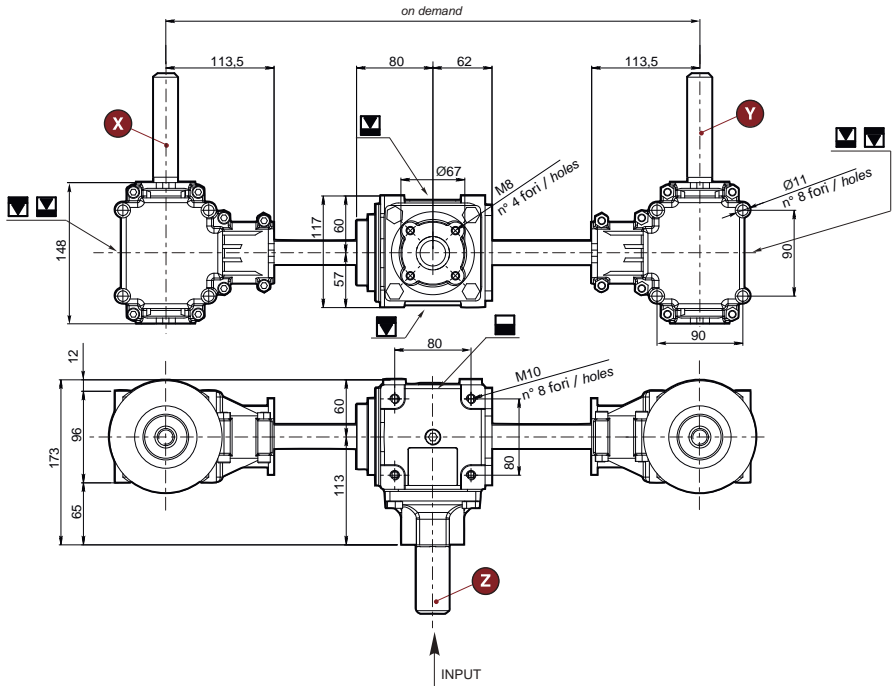
cod.R

Denti dritti senza ruota libera  
Straight Teeth without Free Wheel

# L15-T18-L15 cod.19



## Dimensioni / Dimensions

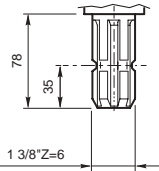


## Caratteristiche tecniche / Technical data

i	Input										
	<b>Z</b>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
1:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.06</span>	540	540	15/20	260	260	Alluminio Aluminium	Gleason denti dritti Gleason Straight Teeth	18	0.5 Grasso Grease	Vedi pagina seguente See next page
1:1.35	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.08</span>	540	729	13/17	230	170				<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>	

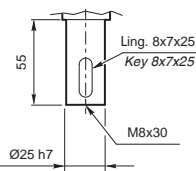
**Alberi / Shafts**

cod.01



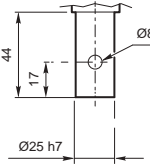
X Y Z

cod.29



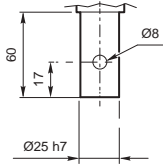
X Y Z

cod.44



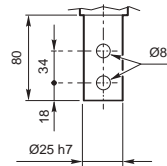
X Y Z

cod.34



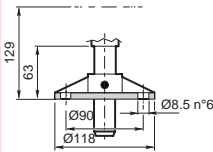
X Y Z

cod.08



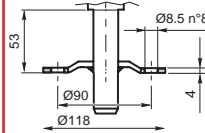
X Y Z

cod.30



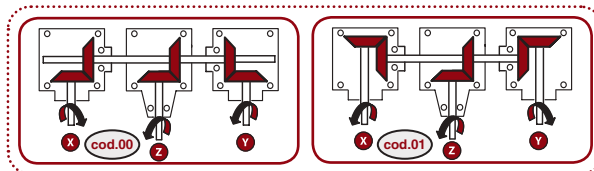
X Y Z

cod.31



X Y Z

**Sensi di rotazione alberi / Shaft direction**



































cod.R

Denti dritti senza ruota libera  
Straight Teeth without Free Wheel



SERIE T					
T-18		Spandiconcime Fertilizer Spreader	Tince Shredders	34	
T-20	Ergonomic Rotary Tillers	Tince Shredders	Spandiconcime Fertilizer Spreader	36	
T-20EX			Tince Shredders	38	
T-20CP			Tince Shredders	40	
T-29			Impugnatori Qualini	42	
T-36		Fresatrici Rotary Tillers	Tince Shredders	44	
T36EX			Tince Shredders	46	
T36C		Fresatrici Rotary Tillers	Tince Shredders	48	
T-45		Zappatrici Multiple Rotary Tillers	Fresatrici Rotary Tillers	Pressaraccoltrici Pressa raccogliatrice	50
T-55	Zappatrici Multiple Rotary Tillers	Essiccatore Dryer	Fresatrici Rotary Tillers	Pressaraccoltrici Pressa raccogliatrice	52
T-57			Fresatrici Rotary Tillers	Pressaraccoltrici Pressa raccogliatrice	54
T-100			Tince Shredders	56	
T-100EX			Tince Shredders	58	
T-100CP			Tince Shredders	60	
T-101		Fresatrici Rotary Tillers	Pressaraccoltrici Pressa raccogliatrice	Tince Shredders	62
T-101EX			Tince Shredders	64	
T-101CP			Tince Shredders	66	

SERIE T		
T-102	 	68
T-102EX		70
T-102CP		72
T-90	    	74
T-90EX		76
T-90INW		78
T-91	 	80
T-91EX		82
T-92	 	84
T-92D	 	86
T-150	   	88
T-150EX		90
T-152	  	92
T-152D	 	94
T-162	  	96
T-162D		98

Codifica/Code							
Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
<b>S</b>	<b>R</b>	<b>01</b>	<b>06</b>	<b>01</b>	<b>11</b>	<b>15</b>	<b>X</b>
<b>S</b>	<b>cod.R</b>	<b>cod.01</b>	<b>cod.06</b>	<b>cod.01</b>	<b>cod.11</b>	<b>cod.15</b>	<b>cod.X</b>
	R	T20	1:1				
	L	..	..	..	..	..	..
	D	pag. dedicate dedicated pag.	pag. dedicate dedicated pag.	pag. dedicate dedicated pag.			pag. dedicate dedicated pag.
	Y						
	W						
	J						



L11 **cod.30**

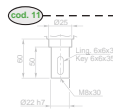
Preparazione del terreno  
Land preparation



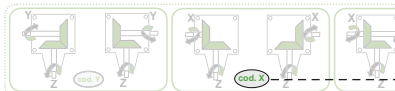
Dimensioni / Dimensions

Scheda Dati / Technical Data									
Modello	Albero	Scatola	Velocità	Velocità	Velocità	Velocità	Velocità	Velocità	Velocità
<b>cod.06</b>									

Alberi / Shafts



Sensi di rotazione alberi / shaft rotation directions



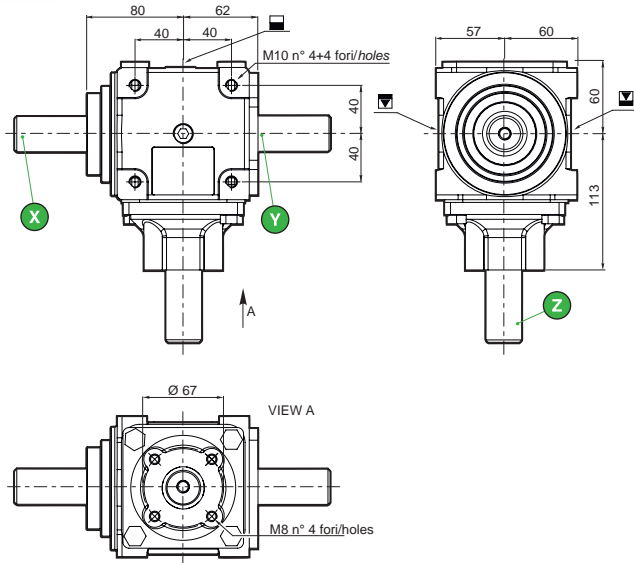
**cod. R**

Ring gear  
Simple Angle Gear Unit

**T-18** (cod.18)



**Dimensioni / Dimensions**

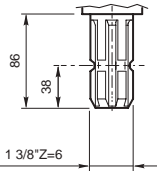


**Caratteristiche tecniche / Technical data**

i	Input		Shaft		Gear		Shaft		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)						
1.35:1	(cod.08)	(cod.28)	540	400	9(12)	159	215	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth (cod.R)	8.2	0.35	Vedi pagina seguente See next page	
1:1	(cod.06)	(cod.06)	540	540	11(15)	195	195	Ghisa G25 Gray Cast iron	con ruota libera With free wheel (cod.L)				
1:1.35	(cod.28)	(cod.08)	540	729	11(15)	195	144	Ghisa G25 Gray Cast iron	con ruota libera With free wheel (cod.L)				

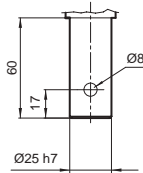
Alberi / Shafts

cod.01



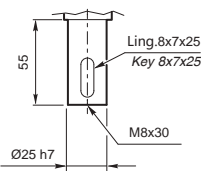
X Y Z

cod.34



X Y Z

cod.29



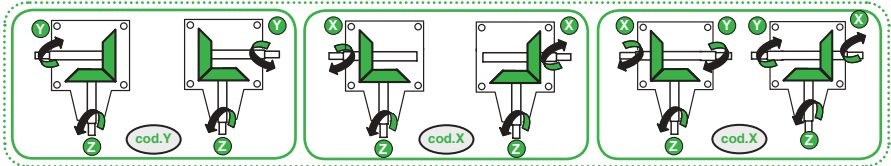
X Y Z

cod.00

Tappo di tenuta  
Sealing Cap

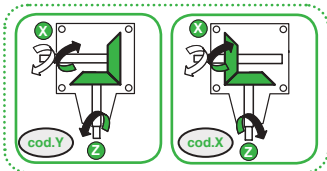


Sensi di rotazione alberi / Shaft direction



cod.R

Denti dritti senza ruota libera  
Straight Teeth without Free Wheel



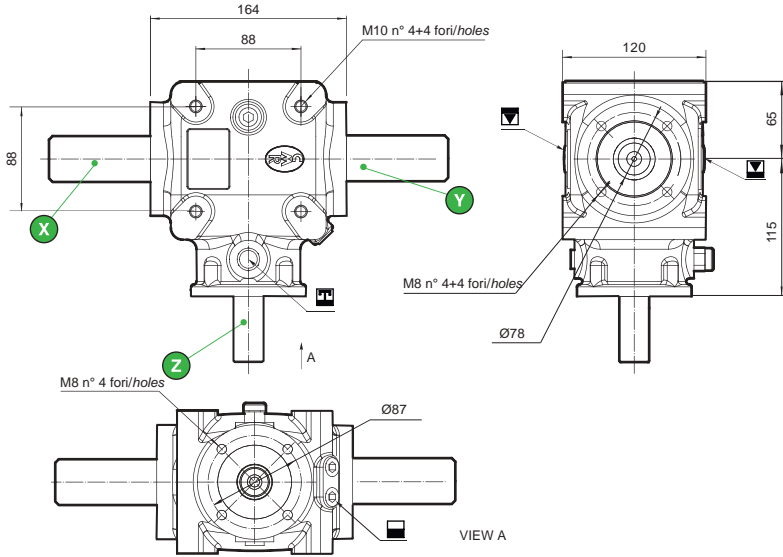
cod.L

Denti dritti con ruota libera  
Straight Teeth with Free Wheel

**T-20** (cod.01)



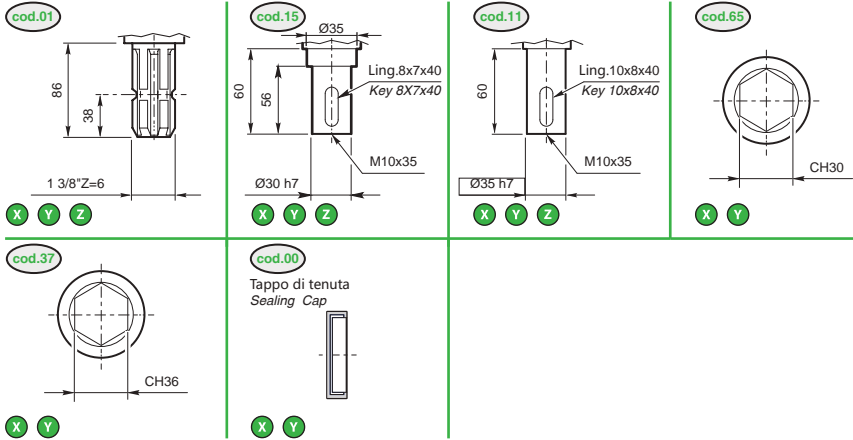
**Dimensioni / Dimensions**



**Caratteristiche tecniche / Technical data**

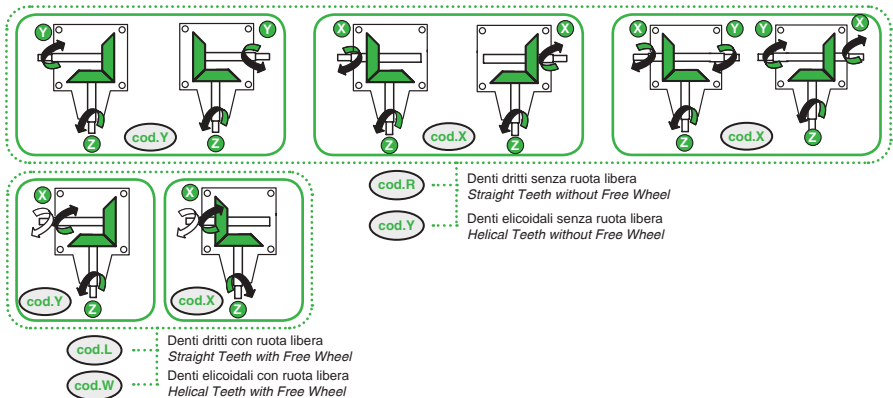
i	Input		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> / T <sub>2</sub>		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	X / Y				N.m(input)	N.m(output)					
2.9:1	(cod.17)		540 1000	186 345	4/6 7/9	70 66	205 193	Ghisa GS400 Ductile Cast iron  Ghisa G25 Gray Cast iron	Gleason denti elicoidali Gleason Helical Teeth	12	0.45	Vedi pagina seguente See next page
1.9:1	(cod.12)	(cod.30)	540	284	8/10	141	269		(cod.Y)			
1:1	(cod.06)	(cod.06)	540 2000	540 2000	22/30 33/45	389 157	389 157		Gleason denti dritti Gleason Straight Teeth			
1:1.9	(cod.30)	(cod.12)	540 1000	1026 1900	14/19 26/34	247 239	130 126		(cod.R)			
1:2.9		(cod.17)	540 1000	1566 2900	10/14 15/21	176 143	60 49		con ruota libera With Free Wheel (cod.L) (cod.W)			

**Alberi / Shafts**

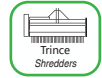


T-20

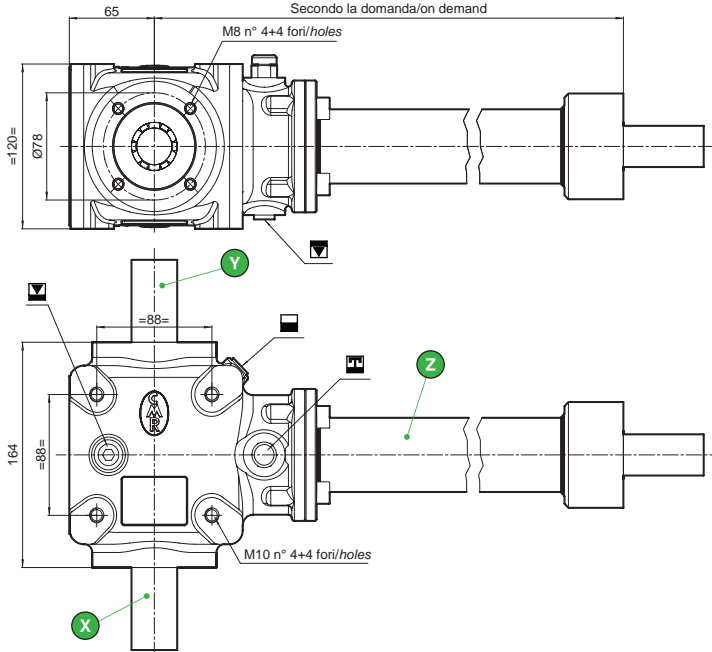
**Sensi di rotazione alberi / Shaft direction**



# T-20EX cod.01



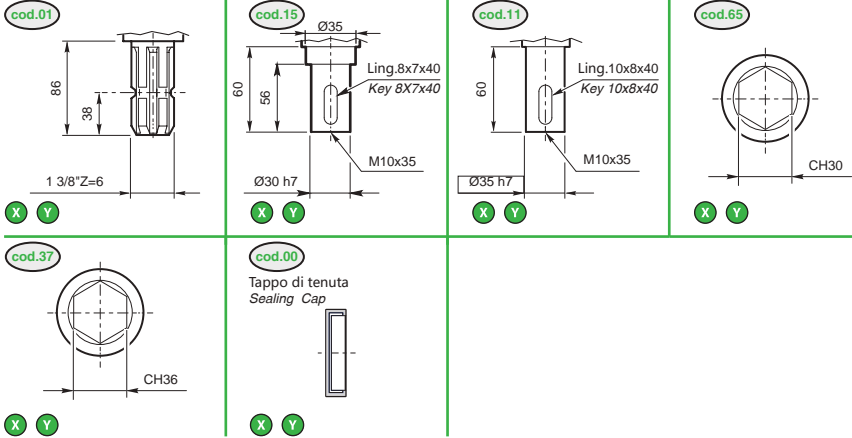
## Dimensioni / Dimensions



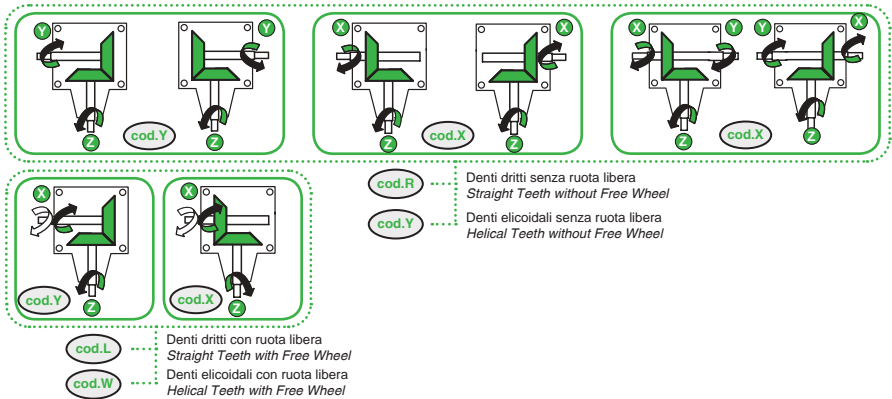
## Caratteristiche tecniche / Technical data

i	Input	Gear		Torque			Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X / Y</span>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)					
1:1.9	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.12</span>	540 1000	1026 1900	14/19 26/34	247 239	130 126	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>	0.45		Vedi pagina seguente See next page
1:2.9	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.17</span>	540	1566	10/14	176	60	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span> con ruota libera With Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.L</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.W</span>			

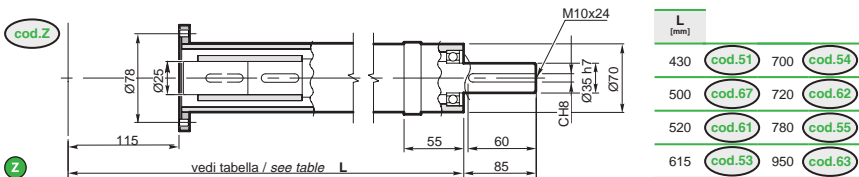
**Alberi / Shafts**



**Sensi di rotazione alberi / Shaft direction**



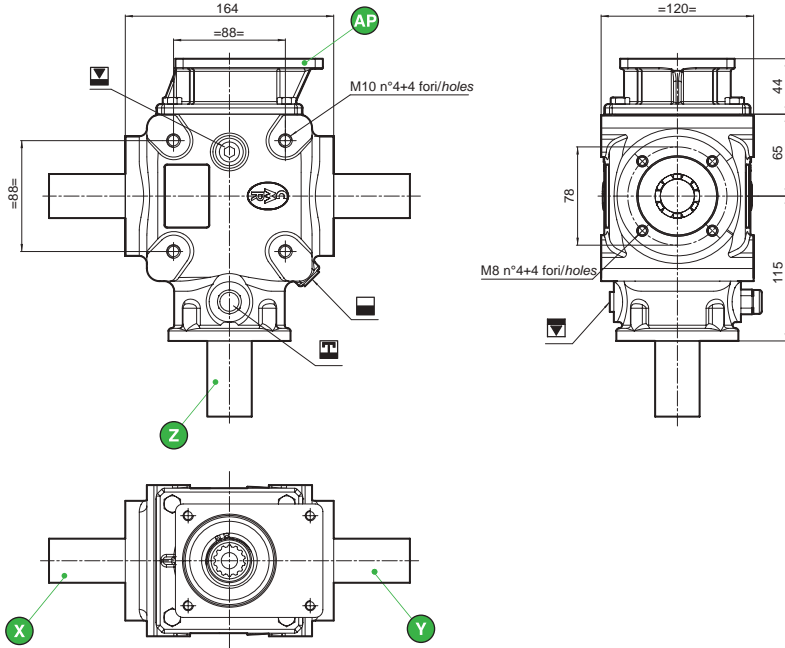
**Prolunghe / Extensions**



**T-20CP** cod.01



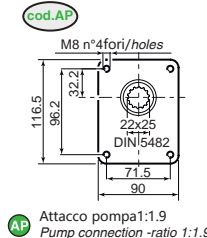
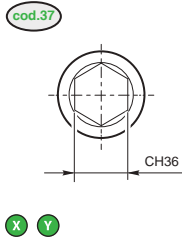
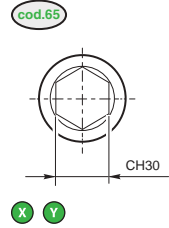
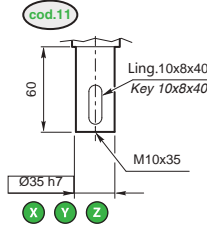
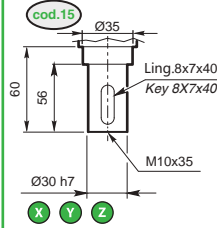
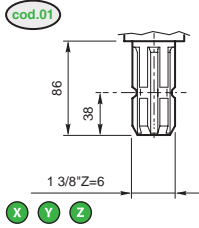
**Dimensioni / Dimensions**



**Caratteristiche tecniche / Technical data**

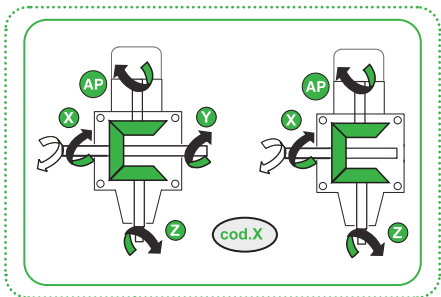
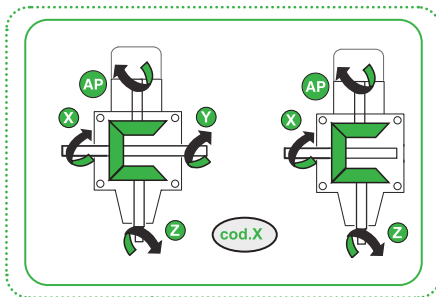
i	Input	Gears		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X / Y</span>	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
1:1.9	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.28</span>	540	1026	18(23)	318	167	Ghisa GS400 Ductile Cast iron  Ghisa G25 Gray Cast iron	Gleason denti elicoidali Gleason Helical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>  Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>  con ruota libera With Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.L</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.W</span>	12	0.45	Vedi pagina seguente See next page

**Alberi / Shafts**



T-20CP

**Sensi di rotazione alberi / Shaft direction**



**cod.R** ..... Denti dritti senza ruota libera  
Straight Teeth Simple Angle Gear Unit

**cod.Y** ..... Denti dritti senza ruota libera  
Helical Teeth without Free Wheel

**cod.L** ..... Denti dritti con ruota libera  
Straight Teeth Free Wheel

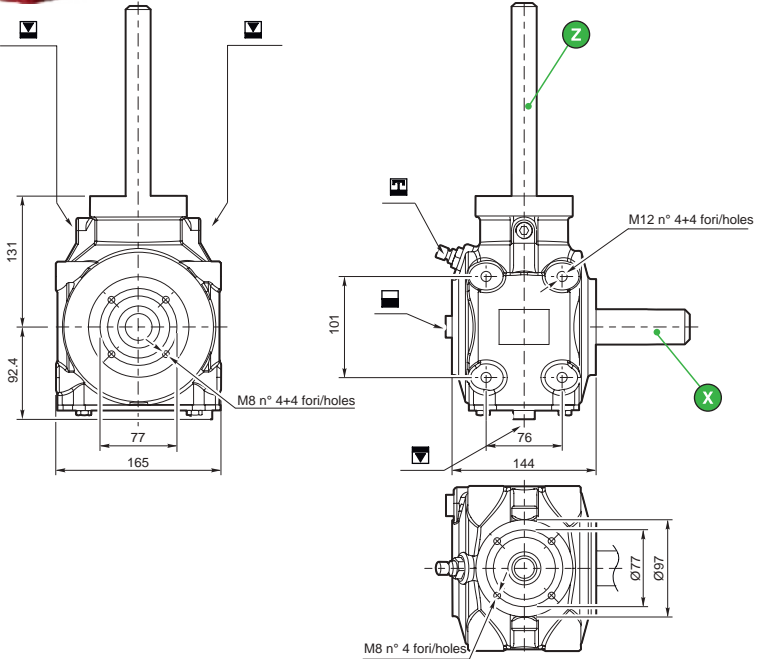
**cod.W** ..... Denti elicoidali con ruota libera  
Helical Teeth with Free Wheel



**T-29** (cod.54)



**Dimensioni / Dimensions**

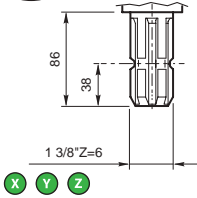


**Caratteristiche tecniche / Technical data**

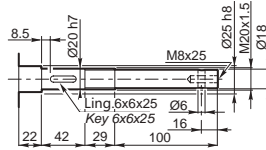
i	Input		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	X / Y										
61	—	(cod.50)	540	90	4/4.5	70	424	Ghisa G25 Gray Cast iron	Gleason denti elicoidali Gleason Helical Teeth	20	0.8	Vedi pagina seguente See next page
16	(cod.50)	—	540	3240	13/17.7	228	38		(cod.Y)			

**Alberi / Shafts**

cod.01

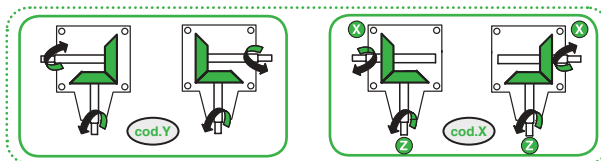


cod.77



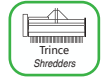
T-29

**Sensi di rotazione alberi / Shaft direction**

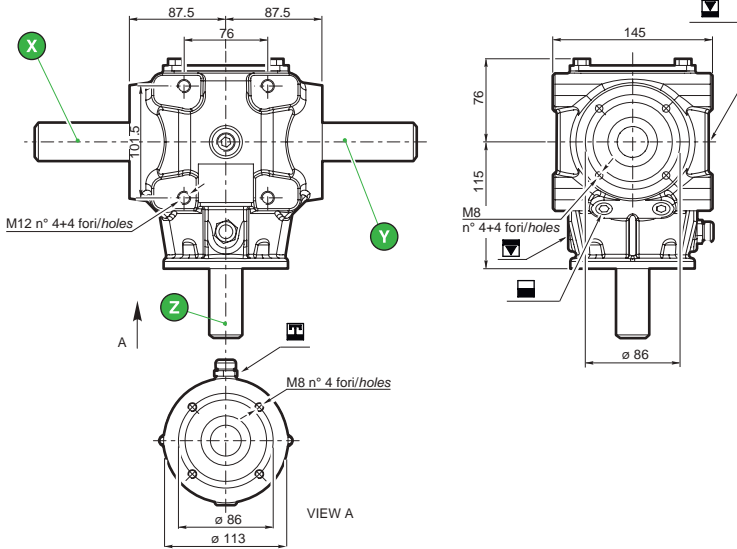


cod.Y ..... Denti elicoidali senza ruota libera  
Helical Teeth without Free Wheel

## T-36 cod.55



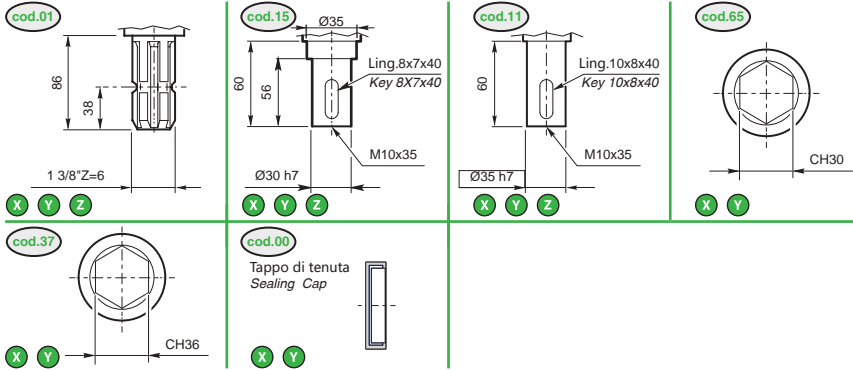
### Dimensioni / Dimensions



### Caratteristiche tecniche / Technical data

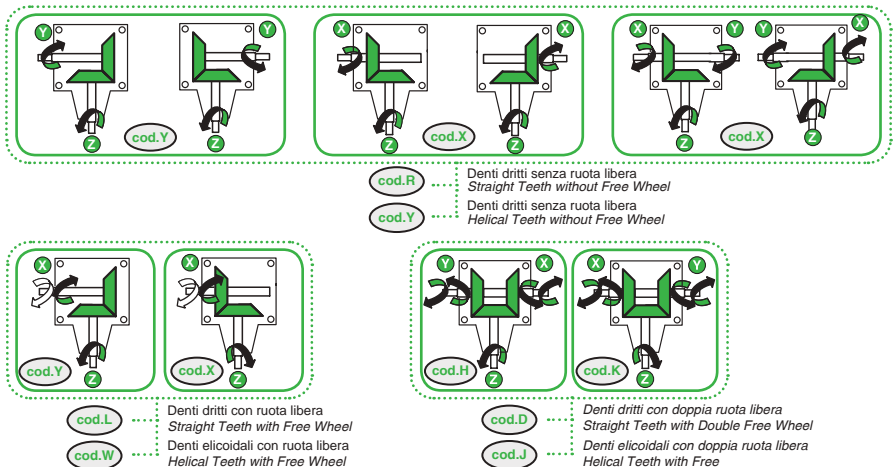
i	Input					Materiale Material	Dentatura Tothing	KG	LT		Alberi Shafts
	Z	X / Y									
3:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>		540	180	9/12.2	156	470	15	1.1		Vedi pagina seguente See next page
2:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.81</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.79</span>	540	270	13/18	229	459				
1.46:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.09</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.13</span>	540	370	19/25.8	335	490				
1:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.06</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.08</span>	540	540	26/35.4	460	460				
1:1.46	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.13</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.09</span>	540	788	24/32.6	423	290				
1:2	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.79</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.81</span>	540	1080	18/24.5	318	159				
1:3		<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>	540	1620	15/20.4	264	88				

**Alberi / Shafts**



T-36

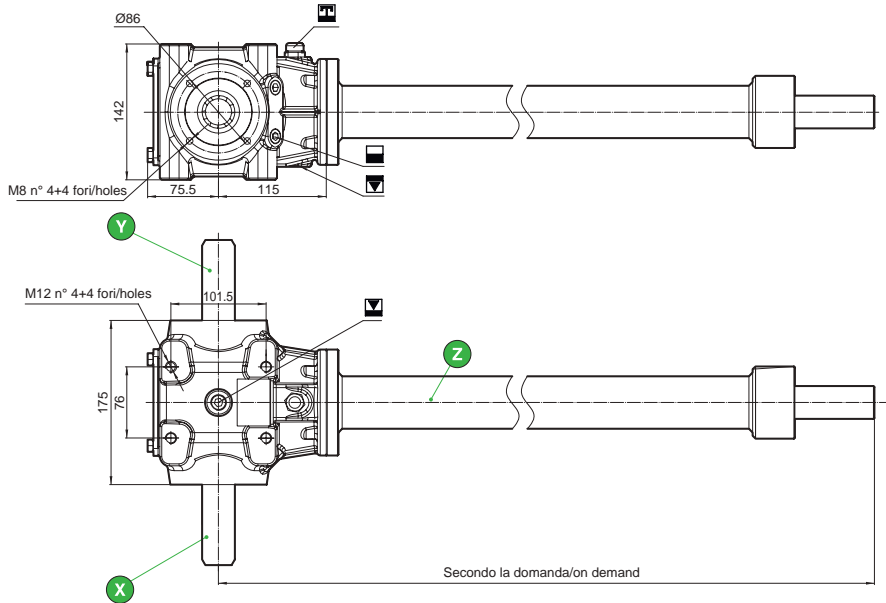
**Sensi di rotazione alberi / Shaft direction**



## T-36EX cod.55



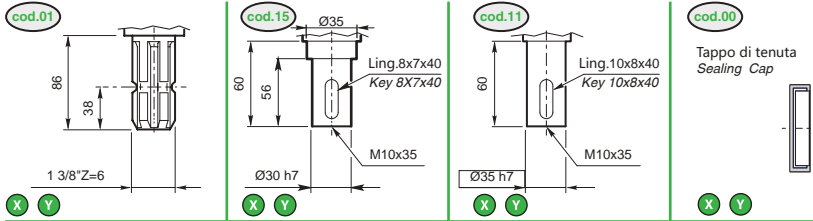
### Dimensioni / Dimensions



### Caratteristiche tecniche / Technical data

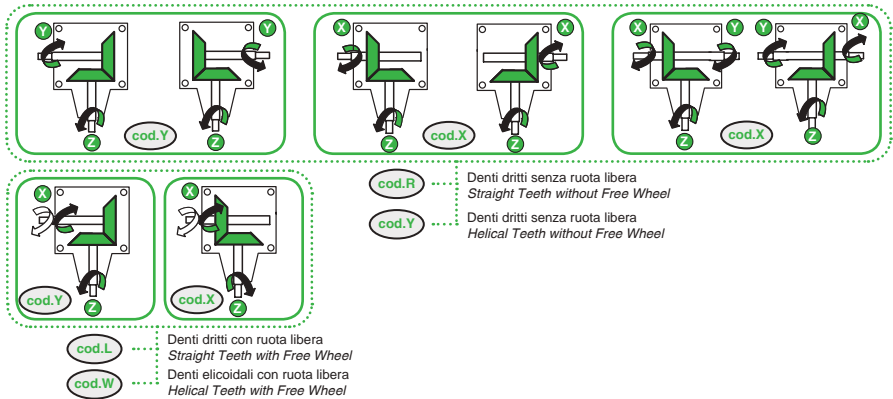
i	Input						Materiale Material	Dentatura Toothing	KG	LT	 Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X</span> / <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Y</span>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)					
1:1.46	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.09</span>	540	788	24/32.6	423	290	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali GleasonHelical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>			Vedi pagina seguente See next page
1:2	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.81</span>	540	1080	18/24.5	318	159	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>	1.1		
1:3	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>	540	1620	15/20.4	264	88		con ruota libera With Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.L</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.W</span>			

**Alberi / Shafts**

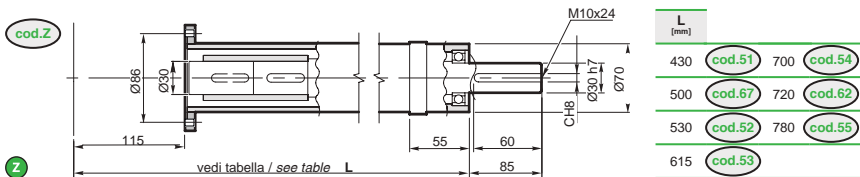


**T-36EX**

**Sensi di rotazione alberi / Shaft direction**



**Prolunghe / Extensions**

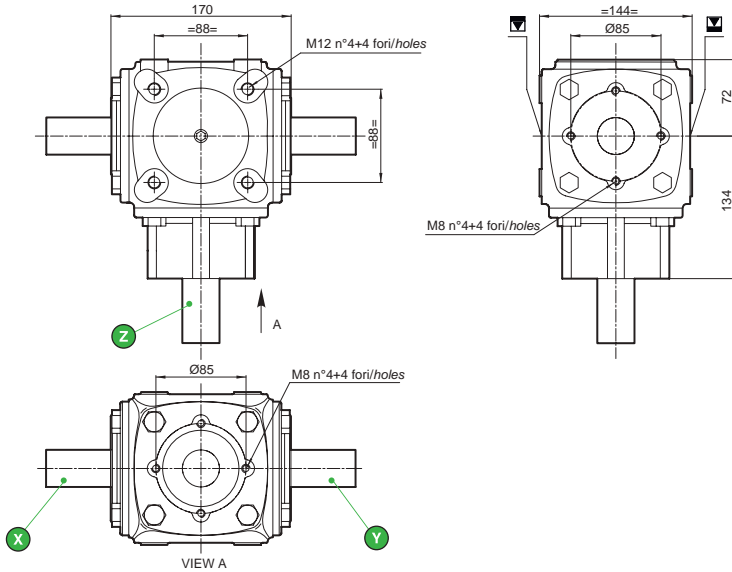




**T-36C** (cod.59)



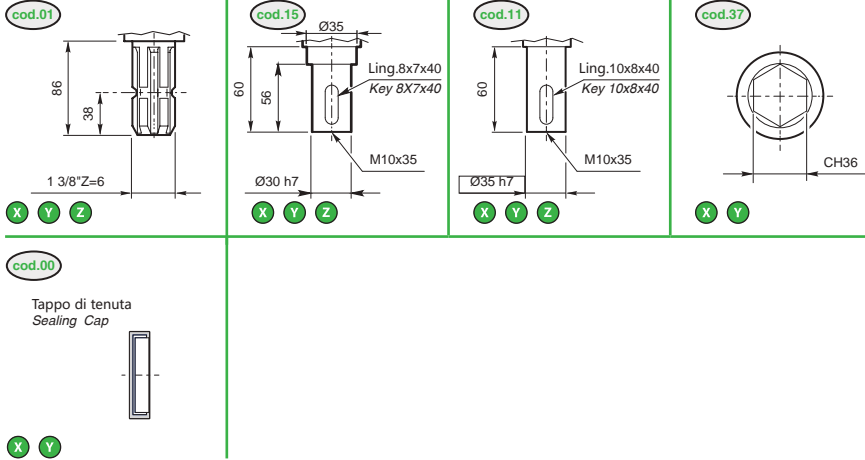
**Dimensioni / Dimensions**



**Caratteristiche tecniche / Technical data**

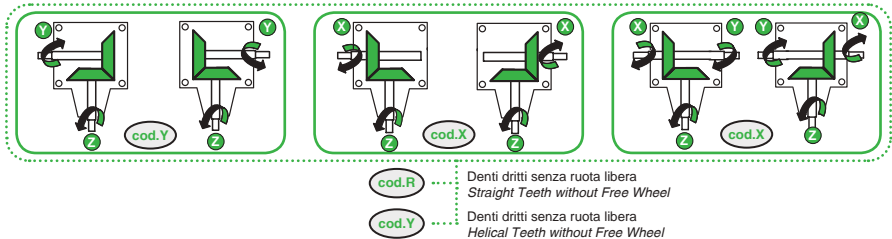
i	Input					Materiale Material	Dentatura Toothings	KG	LT		Alberi Shafts
	Z	X / Y									
2:1	(cod.81)	(cod.79)	540	270	13/18	229	459	14	0.9		Vedi pagina seguente See next page
1.84:1	(cod.36)	(cod.37)	1000	543	16/21	153	281				
1.46:1	(cod.09)	(cod.13)	540	370	19/25.8	335	490				
1:1	(cod.06)	(cod.06)	540	540	26/35.4	460	460				
1:1.46	(cod.13)	(cod.09)	540	788	24/32.6	423	290				
1:1.84	(cod.37)	(cod.36)	540	994	21/28	371	202				
1:2	(cod.79)	(cod.81)	540	1080	18/24.5	318	159				

**Alberi / Shafts**



T-36C

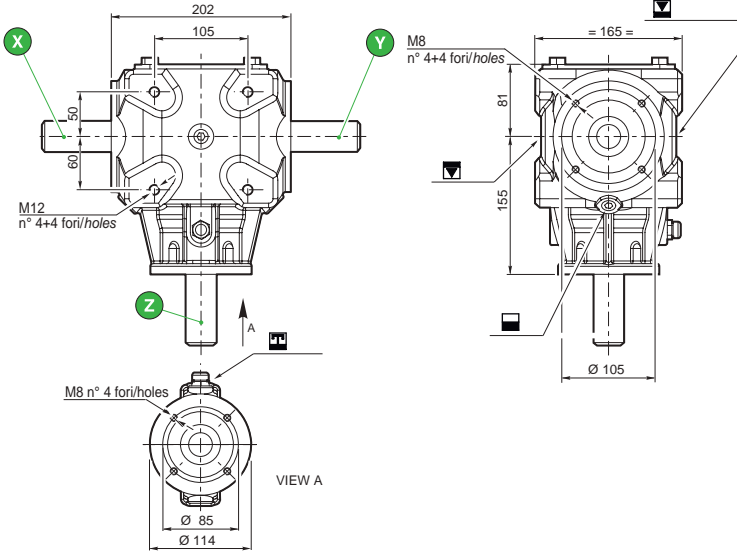
**Sensi di rotazione alberi / Shaft direction**



**T-45** (cod.41)



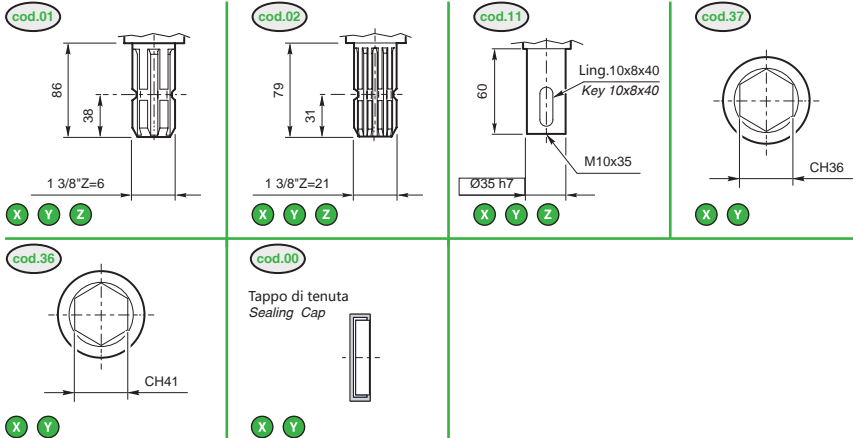
**Dimensioni / Dimensions**



**Caratteristiche tecniche / Technical data**

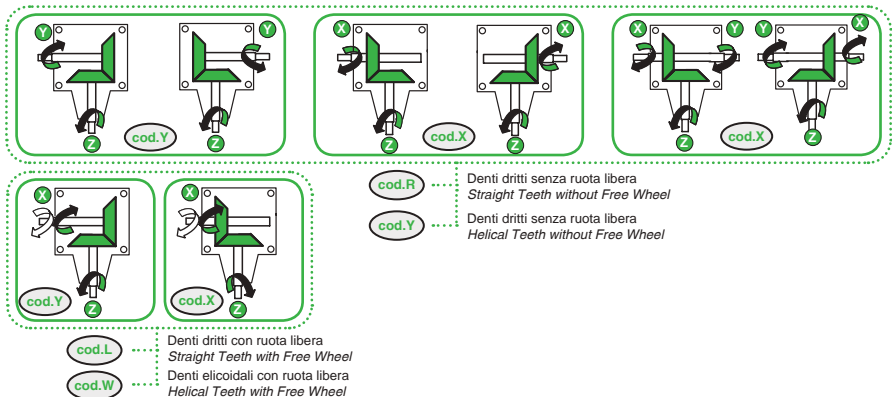
i	Input		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw/(HP)	T		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	X / Y				T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1.9:1	(cod.12)	(cod.30)	540	284	15.1/20.5	266	507	Ghisa GS400 Ductile Cast iron  Ghisa G25 Gray Cast iron	Gleason denti elicoidali Gleason Helical Teeth	21	1.2	Vedi pagina seguente See next page
1.46:1	(cod.09)	(cod.13)	540	370	30/40.8	530	775		(cod.Y)			
1:1	(cod.06)	(cod.06)	540	540	40/54.4 75/100	707	716		Gleason denti dritti Gleason Straight Teeth			
1:1.46	(cod.13)	(cod.09)	540	788	31.5/42.8	554	380		(cod.R)			
1:1.9	(cod.30)	(cod.12)	540	1025	26/35.5	459	242		con ruota libera With Free Wheel (cod.L) (cod.W)			

**Alberi / Shafts**



T-45

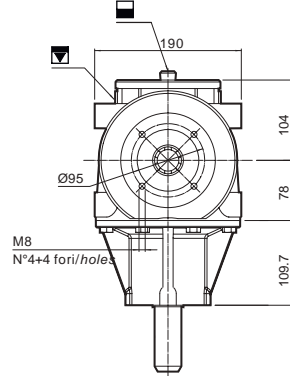
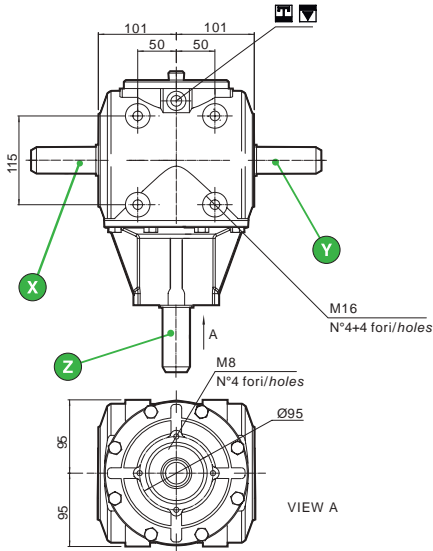
**Sensi di rotazione alberi / Shaft direction**



**T-55** (cod.40)



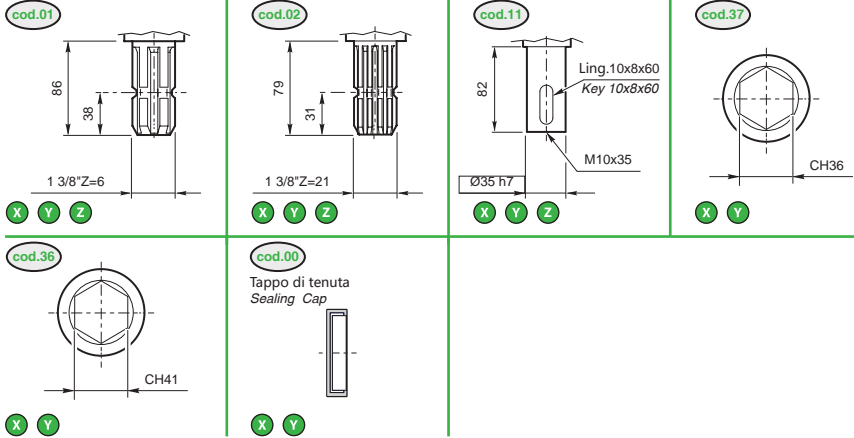
**Dimensioni / Dimensions**



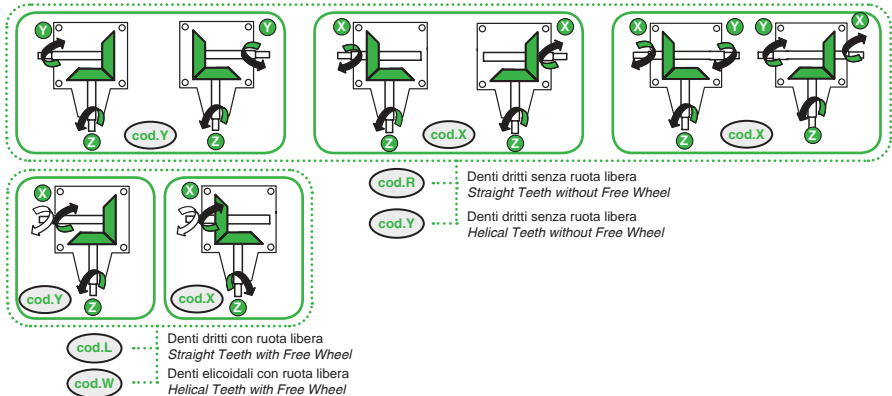
**Caratteristiche tecniche / Technical data**

i	Input		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	X / Y										
1.92:1	(cod.12)	(cod.30)	540	281	33.1/45	567	1090	Ghisa GS400 Ductile Cast iron  Ghisa G25 Gray Cast iron	Gleason denti elicoidali Gleason Helical Teeth	23.5	2.5	Vedi pagina seguente See next page
1.6:1	(cod.09)	(cod.13)	540	337	36.8/50	631	1010		(cod.Y)			
1:1	(cod.06)	(cod.06)	540	540	45/61	795	795		Gleason denti dritti Gleason Straight Teeth			
1:1.6	(cod.13)	(cod.09)	540	864	40.5/55	715	447		(cod.R)			
1:1.92	(cod.30)	(cod.12)	540	1036	40.5/55	716	373		con ruota libera With Free Wheel (cod.L) (cod.W)			

**Alberi / Shafts**



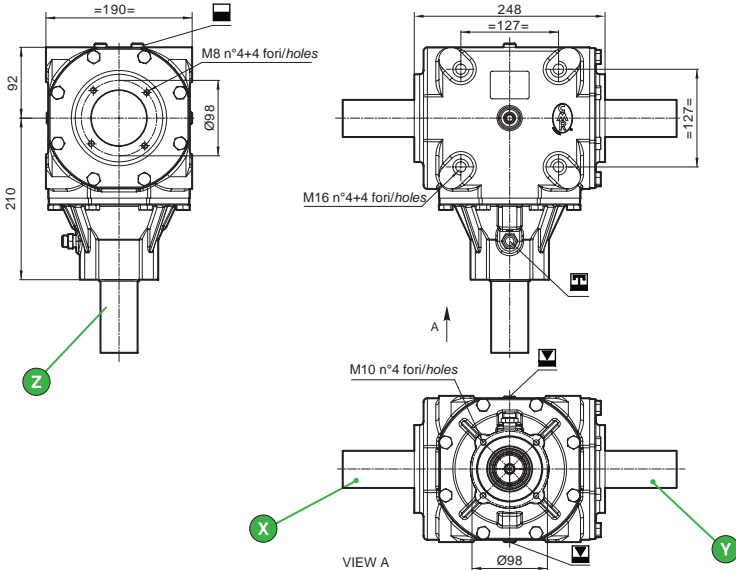
**Sensi di rotazione alberi / Shaft direction**



**T-57** **cod.51**



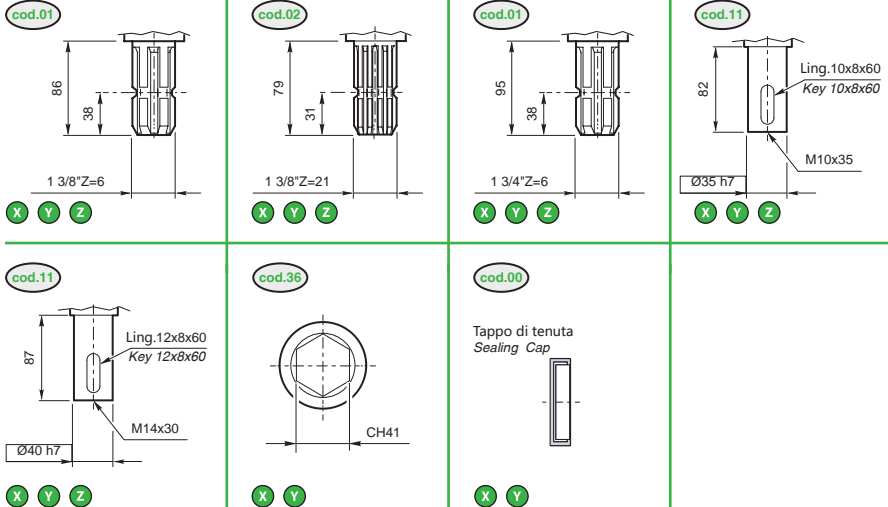
**Dimensioni / Dimensions**



**Caratteristiche tecniche / Technical data**

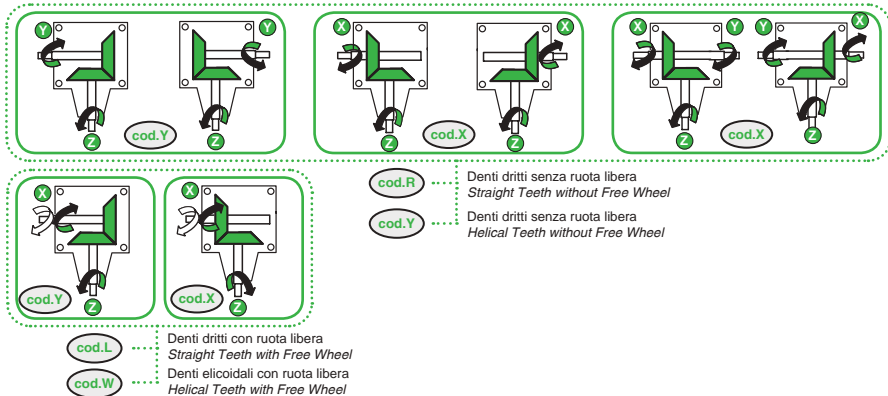
i	Input		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	X / Y										
1:1.92	cod.32	cod.26	540	1037	62.5(85)	1105	570	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	40	2.3	Vedi pagina seguente See next page
1:1.5	cod.86	cod.53	540	810	66.2(90)	1164	776		Gleason Helical Teeth			
1:1.35	cod.28	cod.34	540	729	73.5 100	1291	957		Gleason denti dritti Gleason Straight Teeth			
1:1	cod.06	cod.06	540	540	73.5 100	1293	1293		Gleason Straight Teeth			
1.35:1	cod.34	cod.28	540 1000	400 741	66.2(90) 73.5 100	1164 702	1572 948		Gleason Straight Teeth			
1.5:1	cod.53	cod.86	540	360	58.9(80)	1036	1554		con ruota libera With Free Wheel			
1.92:1	cod.26	cod.32	1000	520	33.1(45)	316	607		Gleason Free Wheel			

**Alberi / Shafts**



T-57

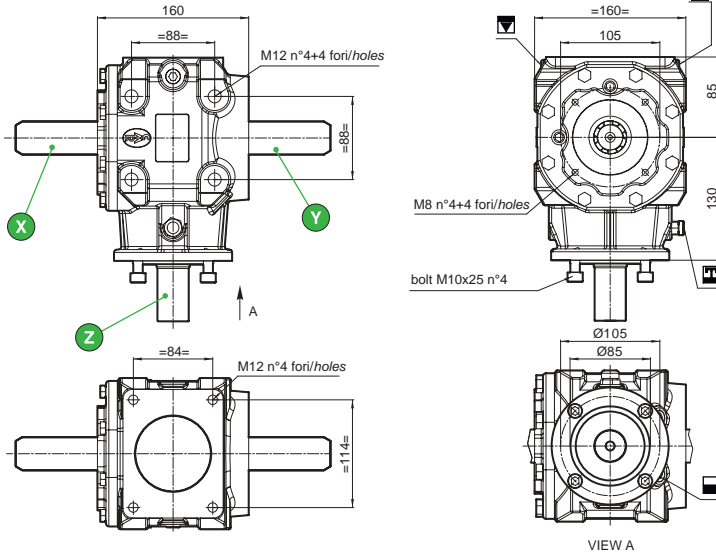
**Sensi di rotazione alberi / Shaft direction**



## T-100 cod.10



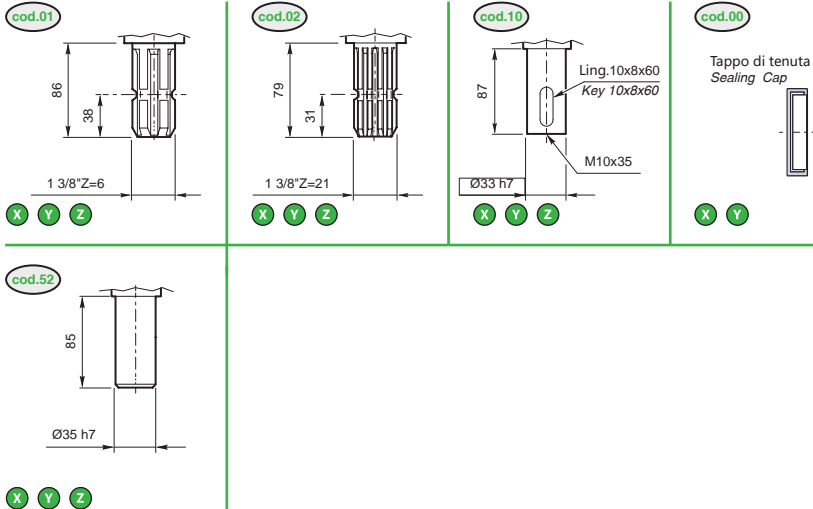
### Dimensioni / Dimensions



### Caratteristiche tecniche / Technical data

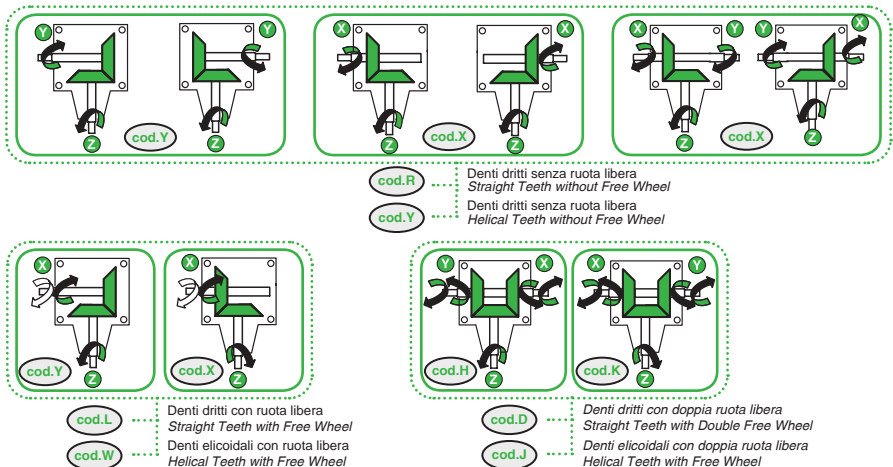
i	Input								Materiale Material	Dentatura Tothing	KG	LT	Alberi Shafts
	Z	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)						
3:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>		540 1000	180 333	10/13.6 14/19	176 133	530 401		Gleason denti elicoidali Gleason Helical Teeth				Vedi pagina seguente See next page
1.93:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>		540 1000	279 518	14/19 20/27.2	243 196	470 380		Gleason denti dritti Gleason Straight Teeth				
1.66:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.11</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.69</span>	540 1000	325 602	18/24.5 27/36.7	318 257	528 428	Ghisa GS400 Ductile Cast iron	con ruota libera With Free Wheel		18	0.6	
1:1.66	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.69</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.11</span>	540 1000	896 1660	30/40.8 43.4/59	530 414	310 249	Ghisa G25 Gray Cast iron	con doppia ruota libera With Double Free Wheel				
1:1.93		<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>	540 1000	1042 1093	29.4/40 40/54.4	520 366	260 190						
1:3		<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>	540	1620	22/29.9	390	130						

**Alberi / Shafts**

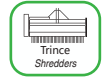


T-100

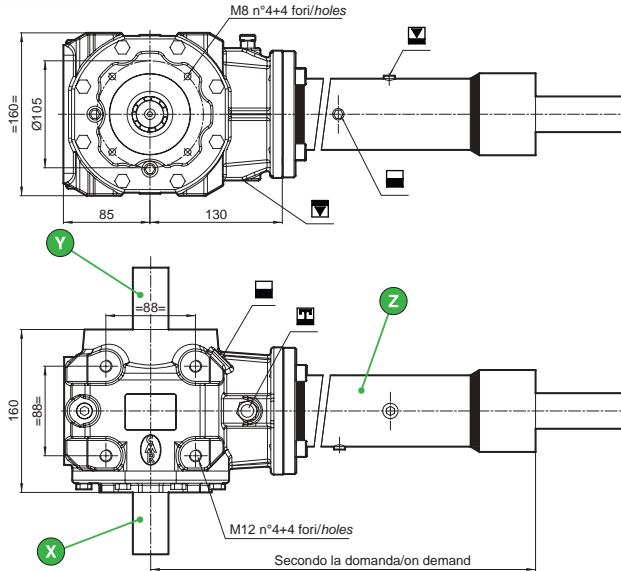
**Sensi di rotazione alberi / Shaft direction**



# T-100EX cod.10



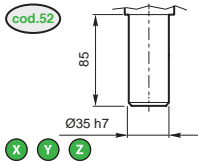
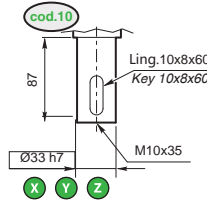
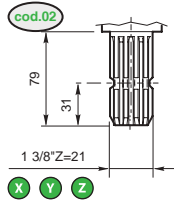
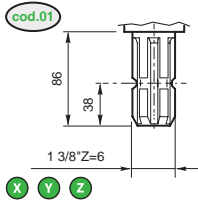
## Dimensioni / Dimensions



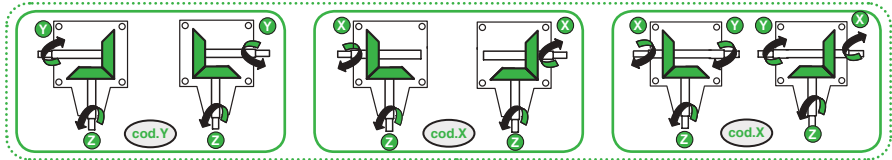
## Caratteristiche tecniche / Technical data

i	Input					Materiale Material	Dentatura Tothing	KG	LT		Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 1px;">Z</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 1px;">X</span> / <span style="border: 1px solid black; border-radius: 50%; padding: 1px;">Y</span>									
1:3		<span style="border: 1px solid black; border-radius: 50%; padding: 1px;">cod.18</span>	540	1620	22/29.9	389	130	Gleason denti elicoidali Gleason Helical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 1px;">cod.Y</span>			
1:1.93		<span style="border: 1px solid black; border-radius: 50%; padding: 1px;">cod.32</span>	540 1000	1042 1093	29.4/40 40/54.4	520 382	260 190	Ghisa GS400 Ductile Cast iron Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 1px;">cod.R</span> con ruota libera With Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 1px;">cod.L</span> <span style="border: 1px solid black; border-radius: 50%; padding: 1px;">cod.W</span>	0.6		Vedi pagina seguente See next page
1:1.66		<span style="border: 1px solid black; border-radius: 50%; padding: 1px;">cod.11</span>	540 1000	896 1660	30/40.8 43.4/59	530 414	310 249	con doppia ruota libera With Double Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 1px;">cod.D</span> <span style="border: 1px solid black; border-radius: 50%; padding: 1px;">cod.J</span>			

**Alberi / Shafts**

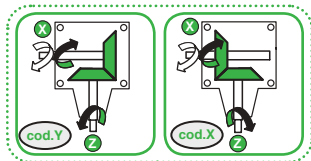


**Sensi di rotazione alberi / Shaft direction**



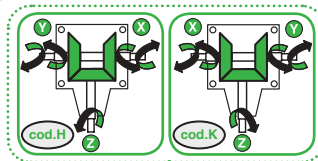
cod.R ..... Denti dritti senza ruota libera  
Straight Teeth without Free Wheel

cod.Y ..... Denti dritti senza ruota libera  
Helical Teeth without Free Wheel



cod.L ..... Denti dritti con ruota libera  
Straight Teeth with Free Wheel

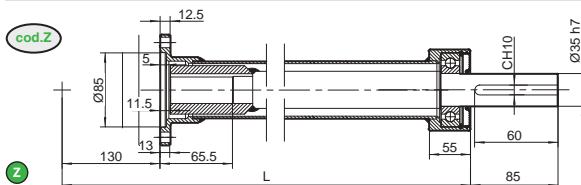
cod.W ..... Denti elicoidali con ruota libera  
Helical Teeth with Free Wheel



cod.D ..... Denti dritti con doppia ruota libera  
Straight Teeth with Double Free Wheel

cod.J ..... Denti elicoidali con doppia ruota libera  
Helical Teeth with Free Wheel

**Prolonghe / Extensions**



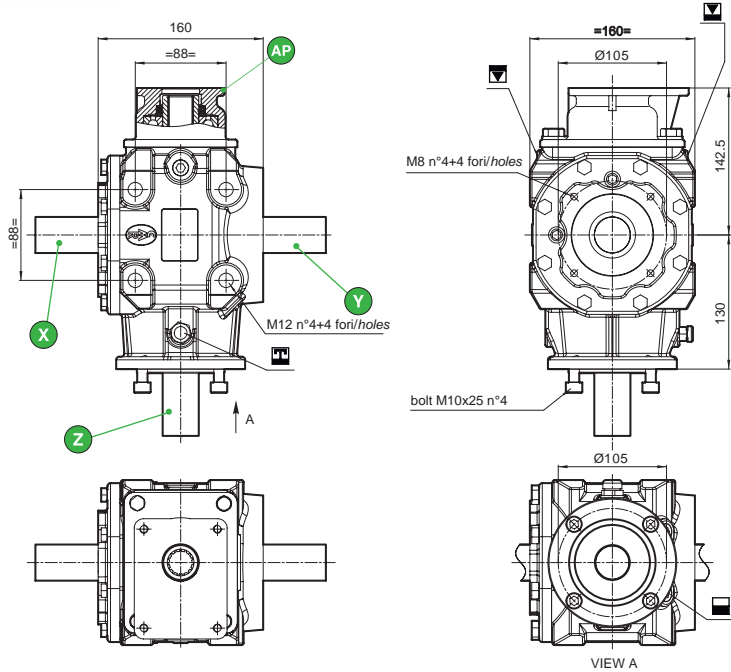
L [mm]	
430 (cod.51)	850 (cod.56)
530 (cod.52)	900 (cod.57)
615 (cod.53)	950 (cod.63)
715 (cod.58)	990 (cod.64)
780 (cod.55)	1200 (cod.60)

T-100EX

**T-100CP** (cod.10)



**Dimensioni / Dimensions**

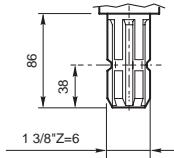


**Caratteristiche tecniche / Technical data**

i	Input	Gears		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	X / Y rpm input	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
1:3	(cod.18)	540	1620	22/29.9	390	130	Ghisa GS400 Ductile Cast iron  Ghisa G25 Gray Cast iron	Gleason denti elicoidali GleasonHelical Teeth (cod.Y)  Gleason denti dritti Gleason Straight Teeth (cod.R)  con ruota libera With Free Wheel (cod.L) (cod.W)	18	0.6	Vedi pagina seguente See next page

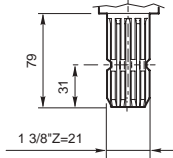
**Alberi / Shafts**

cod.01



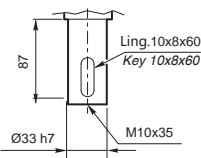
X Y Z

cod.02



X Y Z

cod.10



X Y Z

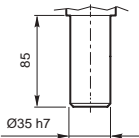
cod.00

Tappo di tenuta  
Sealing Cap



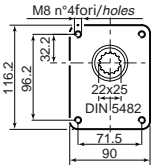
X Y

cod.52



X Y Z

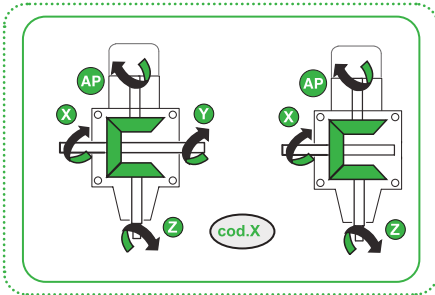
cod.AP



Attacco pompa 1:3  
Pump connection -ratio 1:3

AP

**Sensi di rotazione alberi / Shaft direction**

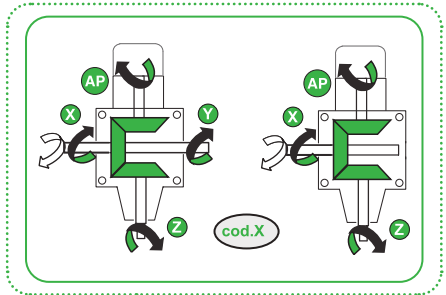


cod.R

Denti dritti senza ruota libera  
Straight Teeth Simple Angle Gear Unit

cod.Y

Denti elicoidali con ruota libera  
Helical Teeth with Free Wheel



cod.L

Denti dritti con ruota libera  
Straight Teeth Free Wheel

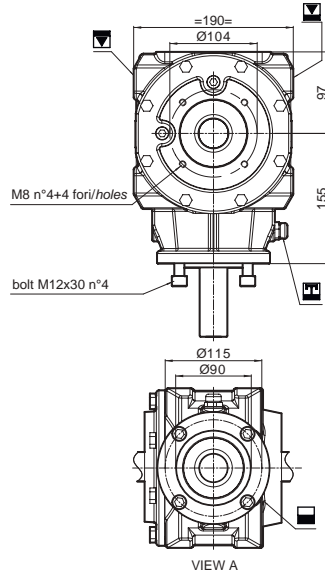
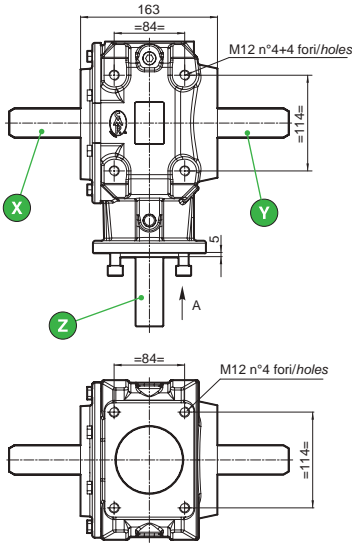
cod.W

Denti dritti con ruota libera  
Helical Teeth with Free Wheel

## T-101 cod.11



### Dimensioni / Dimensions

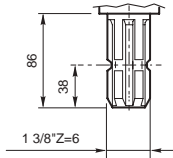


### Caratteristiche tecniche / Technical data

i	Input		Input		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
5.33:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.68</span>		540 1000	102 188	5/6.8 7.5/10.2	88 71	471 381	Ghisa GS400 Ductile Cast iron	Gleason denti elcoidali Gleason Helical Teeth	23.5	0.8	Vedi pagina seguente See next page
3:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>		540 1000	180 333	15/20 25/34	265 238	796 716		Gleason Helical Teeth			
1.93:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>		540 1000	280 526	25/34 38/51.7	442 367	840 690	Gleason denti dritti Gleason Straight Teeth				
1.66:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.11</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.69</span>	540 1000	325 602	25/34 40/54	442 382	733 634	Gleason Straight Teeth				
1:1.66	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.69</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.11</span>	540 1000	896 1660	40/54.4 60/81.6	707 573	426 345	con ruota libera With Free Wheel				
1:1.93		<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>	540 1000	1026 1900	46/61.2 68/92.5	760 649	400 341	con doppia ruota libera/With Double Free Wheel				
1:3		<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>	540 1000	1620 3000	38/51.7 59/80.2	672 563	224 188	con doppia ruota libera/With Double Free Wheel				
1:5.33		<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.68</span>	540	2878	24/32	421	79	con doppia ruota libera/With Double Free Wheel				

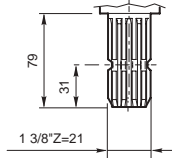
**Alberi / Shafts**

cod.01



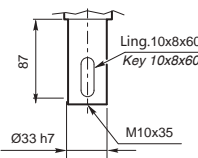
X Y Z

cod.02



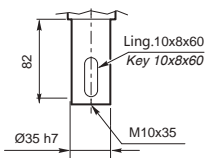
X Y Z

cod.10



X Y Z

cod.11



X Y Z

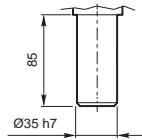
cod.00

Tappo di tenuta  
Sealing Cap



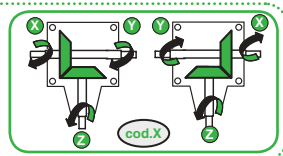
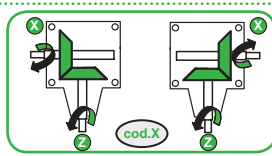
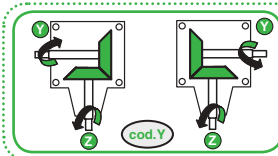
X Y

cod.52

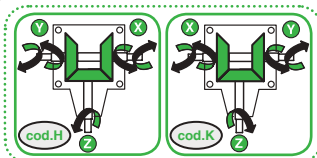
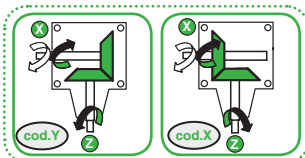


X Y Z

**Sensi di rotazione alberi / Shaft direction**



cod.R ..... Denti dritti senza ruota libera  
Straight Teeth without Free Wheel  
cod.Y ..... Denti dritti senza ruota libera  
Helical Teeth without Free Wheel



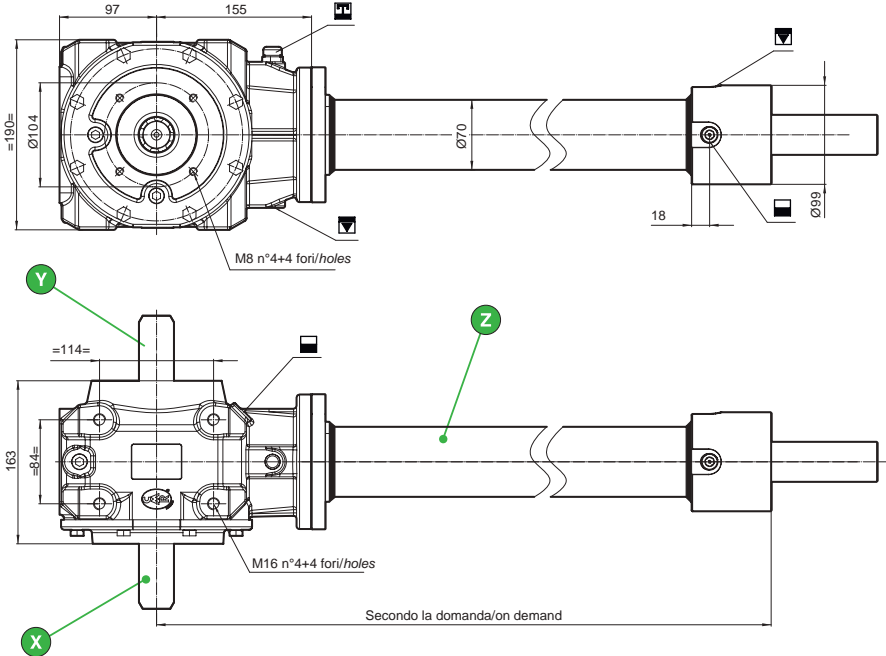
cod.L ..... Denti dritti con ruota libera  
Straight Teeth with Free Wheel  
cod.W ..... Denti elicoidali con ruota libera  
Helical Teeth with Free Wheel

cod.D ..... Denti dritti con doppia ruota libera  
Straight Teeth with Double Free Wheel  
cod.J ..... Denti elicoidali con doppia ruota libera  
Helical Teeth with Free Wheel

## T-101EX cod.11



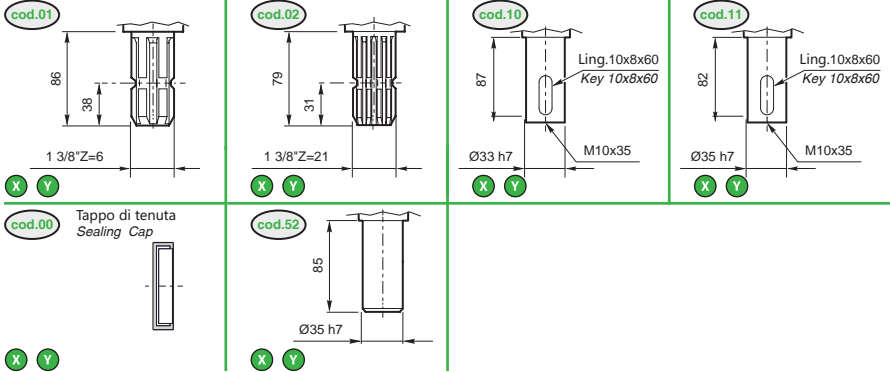
### Dimensioni / Dimensions



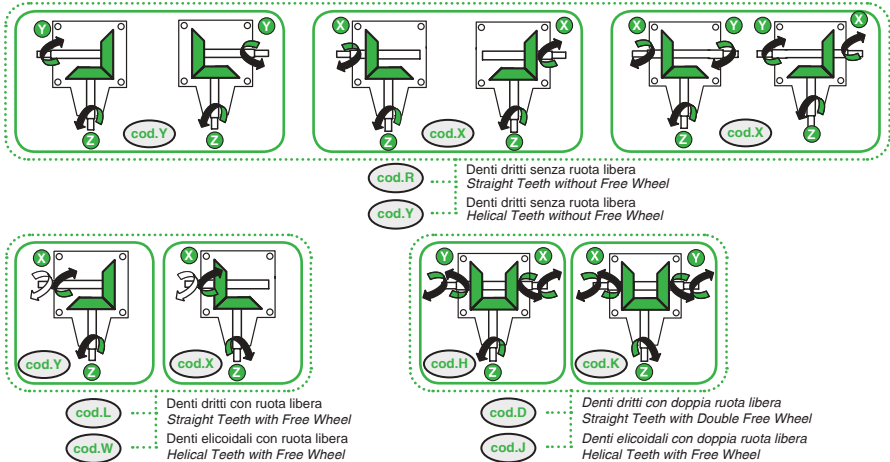
### Caratteristiche tecniche / Technical data

i	Input	Gears		Torque		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X / Y</span>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)					
1:5.33	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.68</span>	540	2878	24/32	421	79	Gleason denti elicoidali Gleason Helical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>	0.8		Vedi pagina seguente See next page
1:3	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>	540 1000	1620 3000	38/51.7 59/80.2	672 563	224 181	Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>			
1:1.9	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>	540 1000	1026 1900	45/61.2 68/92.5	795 649	419 341	Con ruota libera With Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.L</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.W</span>			
1:1.66	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.11</span>	540 1000	896 1660	40/54.4 60/81.6	707 573	423 345	Con doppia ruota libera With Double Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.D</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.J</span>			

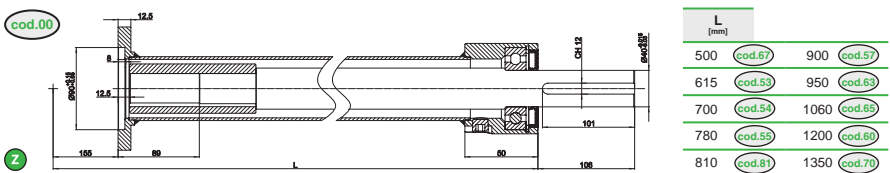
**Alberi / Shafts**



**Sensi di rotazione alberi / Shaft direction**

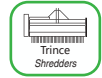


**Prorlunghe / Extensions**

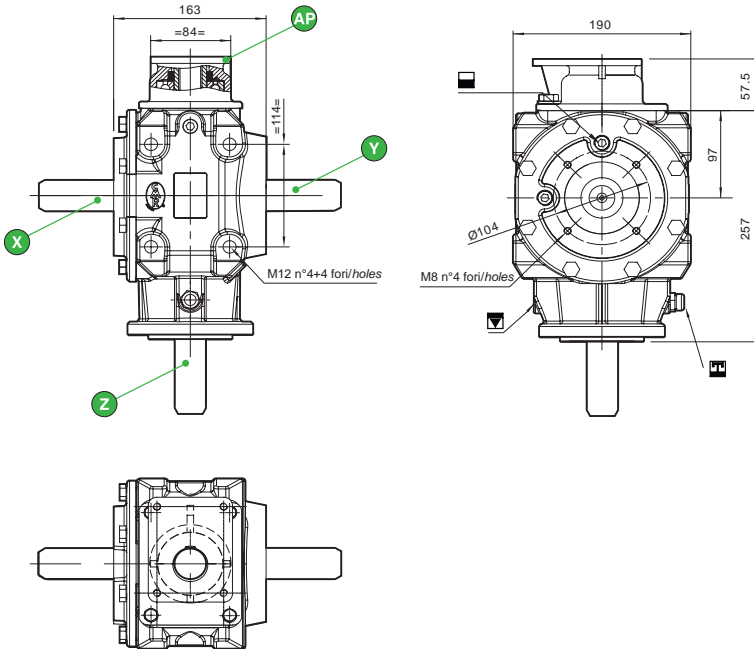


T-101EX

# T-101CP cod.11



## Dimensioni / Dimensions

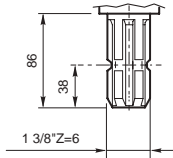


## Caratteristiche tecniche / Technical data

i	Input	Gears		P <sub>i</sub> Kw(HP)	Torque		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X / Y</span>	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output		T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1:3	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>	540	1620	38/51.7	619	210	Ghisa GS400 Ductile Cast iron  Ghisa G25 Gray Cast iron	Gleason denti elcoidali GleasonHelical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>  Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>  con ruota libera With Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.L</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.W</span>	23.5	1.2	Vedi pagina seguente See next page

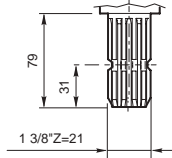
**Alberi / Shafts**

cod.01



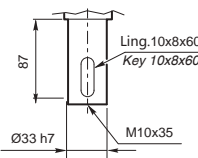
X Y Z

cod.02



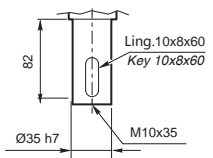
X Y Z

cod.10



X Y Z

cod.11



X Y Z

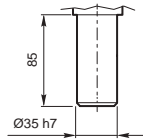
cod.00

Tappo di tenuta  
Sealing Cap



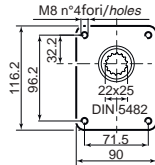
X Y

cod.52



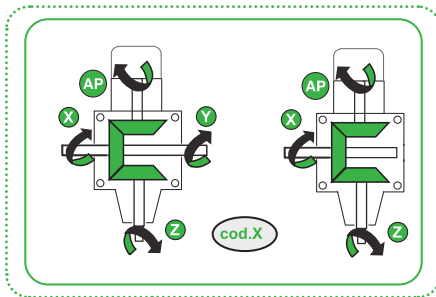
X Y Z

cod.AP



AP Attacco pompa 1:3  
Pump connection -ratio 1:3

**Sensi di rotazione alberi / Shaft direction**

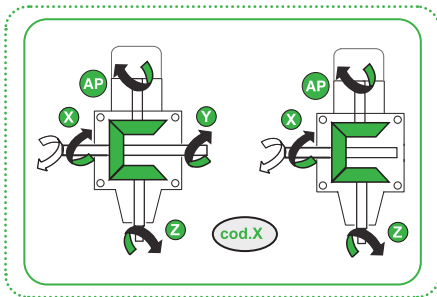


cod.R

Denti dritti senza ruota libera  
Straight Teeth Simple Angle Gear Unit

cod.Y

Denti dritti senza ruota libera  
Helical Teeth without Free Wheel



cod.L

Denti dritti con ruota libera  
Straight Teeth Free Wheel

cod.W

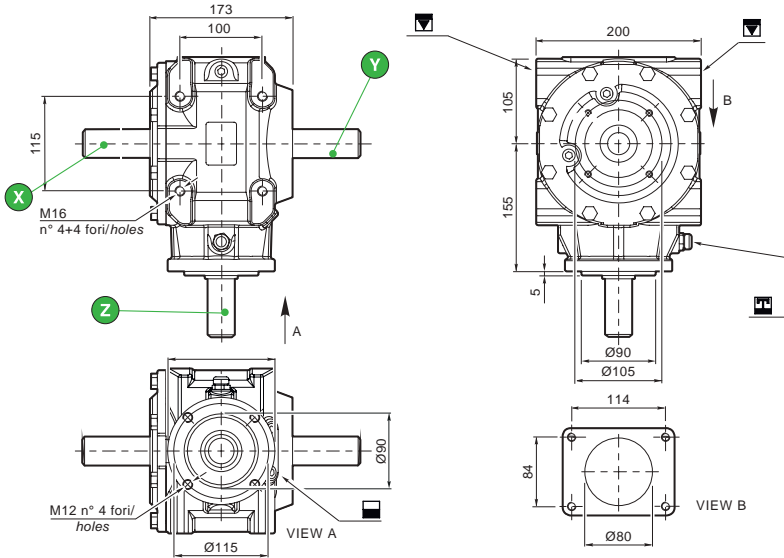
Denti elicoidali con ruota libera  
Helical Teeth with Free Wheel

T-101CP

## T-102 cod.12



### Dimensioni / Dimensions

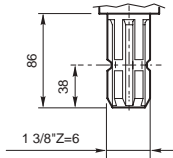


### Caratteristiche tecniche / Technical data

i	Input		Shafts		Gear		Shaft		Material	Dentatura / Tothing	KG	LT	Alberi / Shafts	
	Z	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)							
3:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>		540	180	18(25)	316	950		Gleason denti elicoidali / Gleason Helical Teeth					
			1000	333	30(41)	286	860							
1.93:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>		540	279	28(38)	492	950		Gleason denti dritti / Gleason Straight Teeth	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>				
			1000	518	42(58)	404	780							
1.66:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.11</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.69</span>	540	325	30(41)	530	880	Ghisa GS400 Ductile Cast iron	Gleason denti dritti / Gleason Straight Teeth	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>		27	1.5	Vedi pagina seguente / See next page
			1000	602	46(62)	439	729							
1:1.66	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.69</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.11</span>	540	896	50(68)	879	530	Ghisa G25 Gray Cast iron	con ruota libera / With Free Wheel					
			1000	1660	76.5(104)	730	431							
1:1.93		<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>	540	1042	63(85)	1114	570		con doppia ruota libera / With Double Free Wheel	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.L</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.W</span>				
			1000	1930	92(125)	878	455							
1:3		<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>	540	1620	46(63)	810	270		con doppia ruota libera / With Double Free Wheel	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.D</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.J</span>				
			1000	3000	70(95)	669	223							

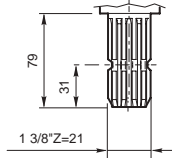
**Alberi / Shafts**

cod.01



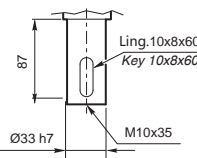
X Y Z

cod.02



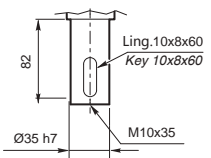
X Y Z

cod.10



X Y Z

cod.11



X Y Z

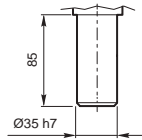
cod.00

Tappo di tenuta  
Sealing Cap



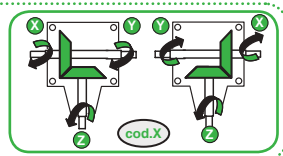
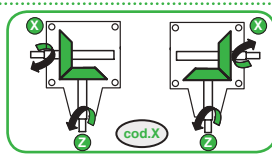
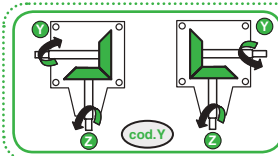
X Y

cod.52

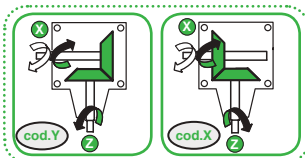


X Y Z

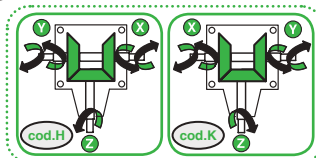
**Sensi di rotazione alberi / Shaft direction**



cod.R ..... Denti dritti senza ruota libera  
Straight Teeth without Free Wheel  
cod.Y ..... Denti dritti senza ruota libera  
Helical Teeth without Free Wheel



cod.L ..... Denti dritti con ruota libera  
Straight Teeth with Free Wheel  
cod.W ..... Denti elicoidali con ruota libera  
Helical Teeth with Free Wheel

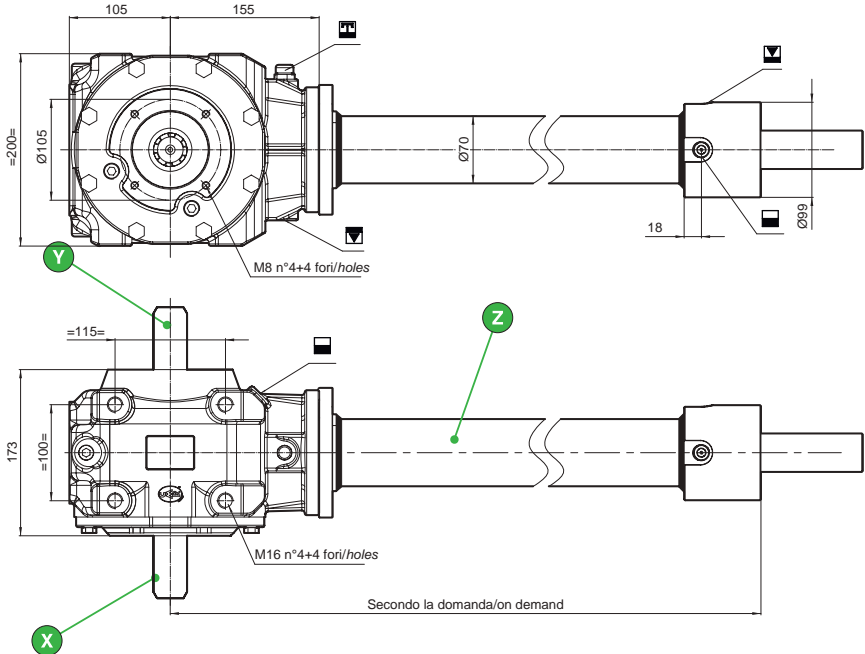


cod.D ..... Denti dritti con doppia ruota libera  
Straight Teeth with Double Free Wheel  
cod.J ..... Denti elicoidali con doppia ruota libera  
Helical Teeth with Free Wheel

## T-102EX cod.12



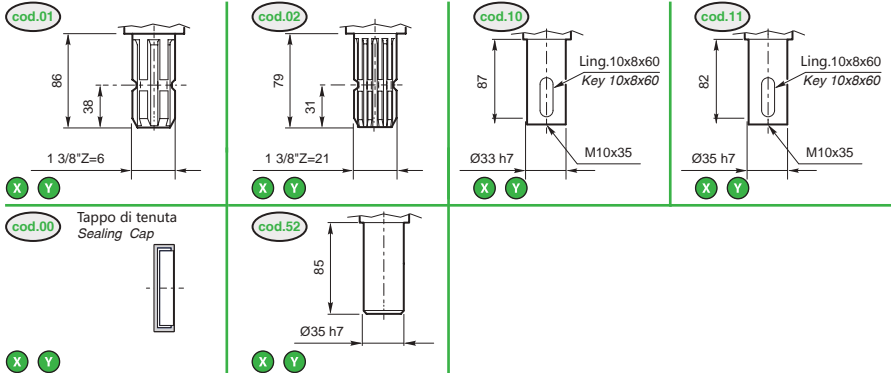
### Dimensioni / Dimensions



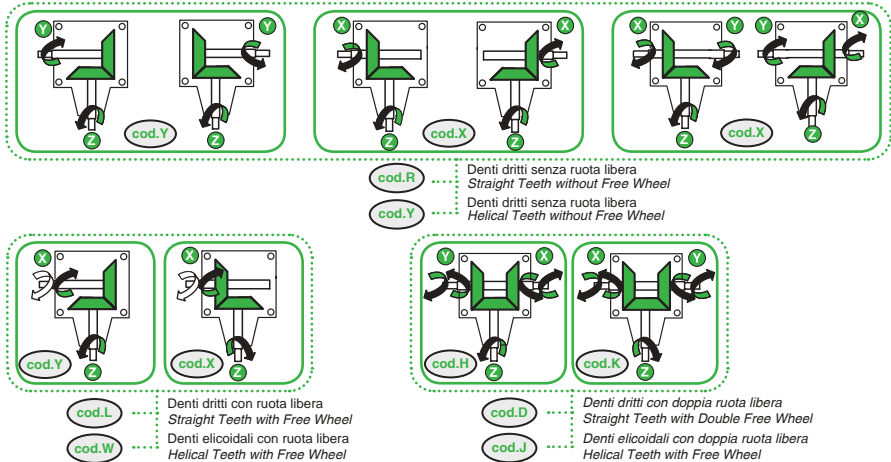
### Caratteristiche tecniche / Technical data

i	Input	Gears		Torque		Materiale Material	Dentatura Tothing	KG	LT	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X / Y</span>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)					
1:1.66	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.11</span>	540 1000	896 1660	50(68) 76.5(104)	879 730	530 431	Gleason denti elicoidali Gleason Helical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>	1.5		Vedi pagina seguente See next page
1:1.93	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>	540 1000	1042 1930	63(85) 92(125)	1114 878	570 455	Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span> Con ruota libera With Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.L</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.W</span>			
1:3	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>	540	1620	46(63)	810	270	Con doppia ruota libera With Double Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.D</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.J</span>			

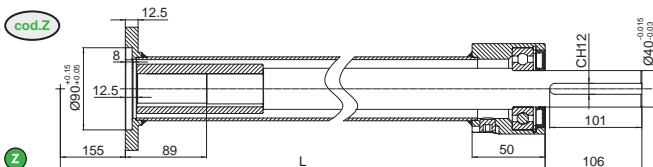
**Alberi / Shafts**



**Sensi di rotazione alberi / Shaft direction**



**Prorlunghe / Extensions**



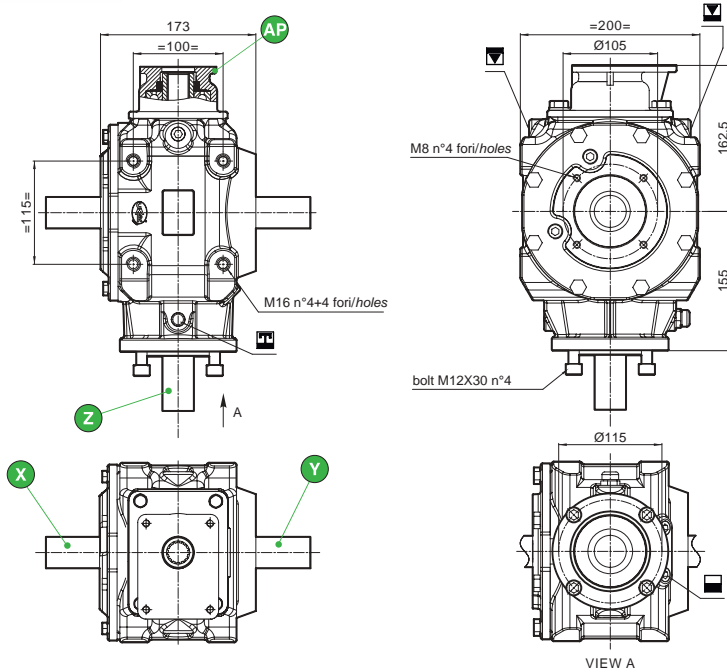
L [mm]	
500 <b>cod.57</b>	900 <b>cod.57</b>
615 <b>cod.53</b>	950 <b>cod.53</b>
700 <b>cod.54</b>	1060 <b>cod.65</b>
780 <b>cod.55</b>	1200 <b>cod.60</b>
810 <b>cod.81</b>	1350 <b>cod.70</b>

**T-102EX**

# T-102CP cod.12



## Dimensioni / Dimensions

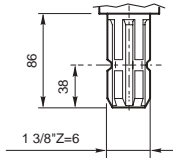


## Caratteristiche tecniche / Technical data

i	Input	Gears		P <sub>i</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X / Y</span>	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
1:3	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>	540	1620	22/29.9	390	130	Ghisa GS400 Ductile Cast iron  Ghisa G25 Gray Cast iron	Gleason denti elicoidali Gleason Helical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>  Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>  Con ruota libera With Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.L</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.W</span>  Con doppia ruota libera With Double Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.D</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.J</span>	27	1.5	Vedi pagina seguente See next page

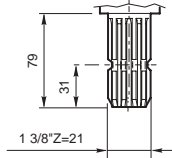
**Alberi / Shafts**

cod.01



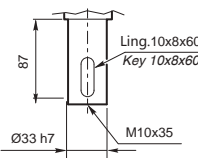
X Y Z

cod.02



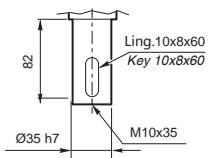
X Y Z

cod.10



X Y Z

cod.11



X Y Z

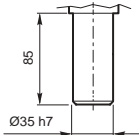
cod.00

Tappo di tenuta  
Sealing Cap



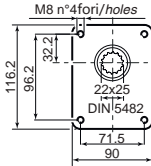
X Y

cod.52



X Y Z

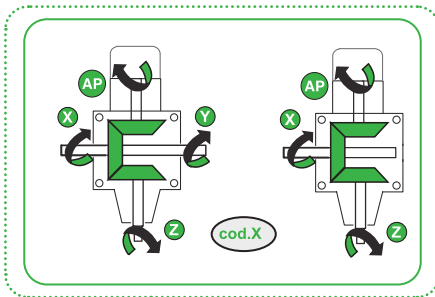
cod.AP



AP Attacco pompa 1:3  
Pump connection -ratio 1:3

T-102CP

**Sensi di rotazione alberi / Shaft direction**



cod.R

Denti dritti senza ruota libera  
Straight Teeth Simple Angle Gear Unit

cod.Y

Denti dritti senza ruota libera  
Helical Teeth without Free Wheel

cod.L

Denti dritti con ruota libera  
Straight Teeth Free Wheel

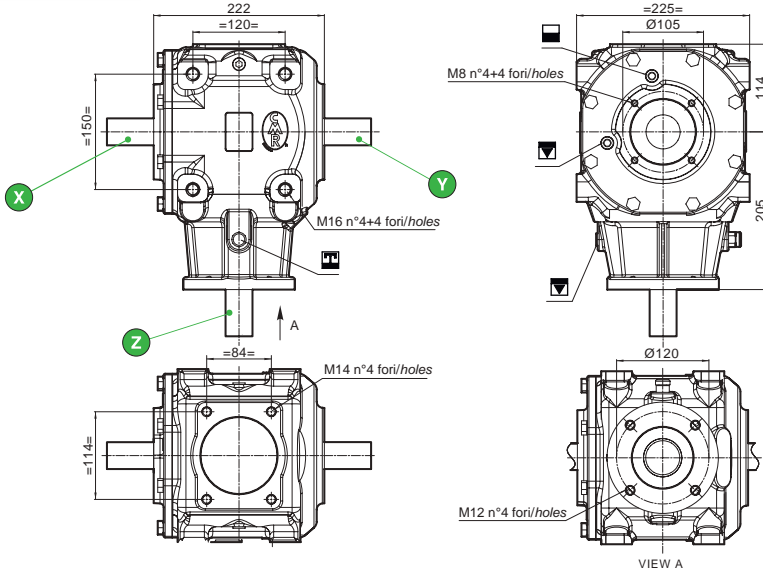
cod.W

Denti elicoidali con ruota libera  
Helical Teeth with Free Wheel

**T-90** (cod.79)



**Dimensioni / Dimensions**



**Caratteristiche tecniche / Technical data**

i	Input		Input		Input		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts				
	Z	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)						T <sub>2</sub> N.m(output)			
3:1	cod.18		540	180	34/45	584	1751	Ghisa GS400 Ductile Cast iron	38	2.3	Vedi pagina seguente See next page				
			1000	333	49/67	468	1403								
2.42:1	cod.20		540	223	41.9/57	741	1793								
			1000	413	63/85	599	1450								
2.07:1	cod.38		540	260	51.5/70	913	1891								
			1000	484	77.5/105	733	1519								
1.66:1	cod.11	cod.69	1000	602	140/190	1337	2220					Ghisa GS400 Ductile Cast iron	38	2.3	Vedi pagina seguente See next page
1.46:1	cod.09	cod.13	540	367	62.5/85	1113	1626					Ghisa G25 Gray Cast iron	38	2.3	Vedi pagina seguente See next page
			1000	680	94/128	898	1320								
1:1	cod.06	cod.06	540	540	66/89.8	1167	1167								
			1000	1000	100/136	955	955								
1:1.46	cod.13	cod.09	540	793	69/93.8	1220	836								
			1000	1470	105/142.8	1002	687								
1:1.66	cod.69	cod.11	540	896	53/72	937	564								
			1000	1660	140/190	1337	805								
1:2.07		cod.38	540	1118	62/48.3	1096	529								
			1000	2070	95/129.2	907	438								
1:2.42		cod.20	540	1306	58/78.9	1206	417								
			1000	2420	90/122.4	859	355								
13	cod.18		540	1620	57/77.5	984	328								
			1000	3000	85/115.6	812	271								

**Alberi / Shafts**

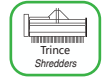
<p><b>cod.01</b></p> <p>86 38 1 3/8"Z=6</p> <p>X Y Z</p>	<p><b>cod.02</b></p> <p>79 31 1 3/8"Z=21</p> <p>X Y Z</p>	<p><b>cod.03</b></p> <p>95 38 1 3/4"Z=6</p> <p>X Y Z</p>	<p><b>cod.43</b></p> <p>95 38 1 3/4"Z=20</p> <p>X Y Z</p>
<p><b>cod.5B</b></p> <p>86 40 8X36X42X7 GB/T1144</p> <p>X Y Z</p>	<p><b>cod.05</b></p> <p>86 38 8X32X38X6 GB/T1144</p> <p>X Y Z</p>	<p><b>cod.5C</b></p> <p>86 38 8X42X48X8 GB/T1144</p> <p>X Y Z</p>	<p><b>cod.11</b></p> <p>82 Ling.10x8x60 Key 10x8x60 M10 20 Ø45h7</p> <p>X Y Z</p>
<p><b>cod.12</b></p> <p>87 Ling.12x8x60 Key 12x8x60 M14 20 Ø40h7</p> <p>X Y Z</p>	<p><b>cod.52</b></p> <p>CH41</p> <p>X Y</p>	<p><b>cod.00</b></p> <p>Tappo di tenuta Sealing Cap</p> <p>X Y</p>	

T-90

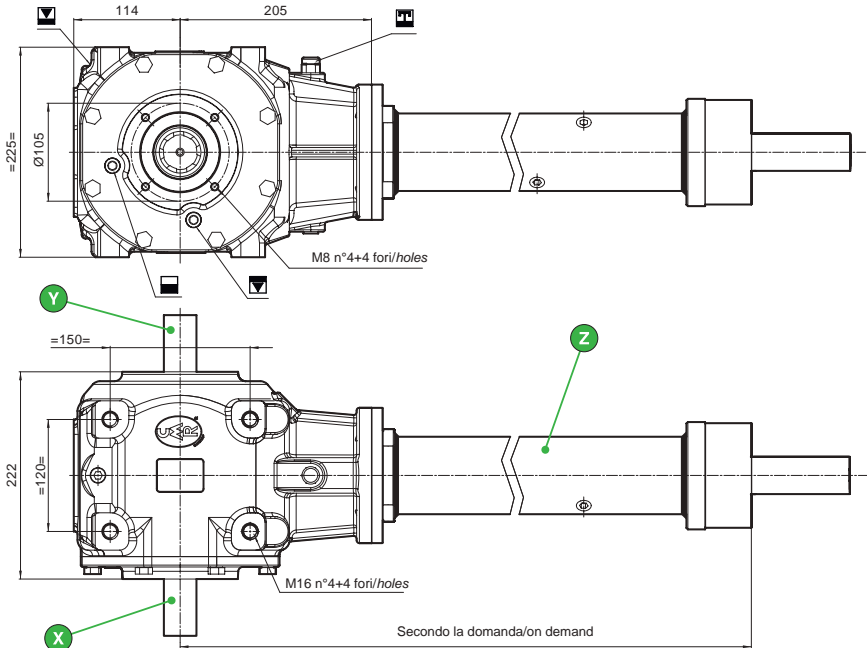
**Sensi di rotazione alberi / Shaft direction**

<p><b>cod.Y</b></p>	<p><b>cod.X</b></p>	<p><b>cod.X</b></p>
<p><b>cod.R</b> ..... Denti dritti senza ruota libera Straight Teeth without Free Wheel</p> <p><b>cod.Y</b> ..... Denti dritti senza ruota libera Helical Teeth without Free Wheel</p>		
<p><b>cod.Y</b></p>	<p><b>cod.X</b></p>	<p><b>cod.H</b></p>
<p><b>cod.K</b></p>	<p><b>cod.L</b> ..... Denti dritti con ruota libera Straight Teeth with Free Wheel</p> <p><b>cod.W</b> ..... Denti elicoidali con ruota libera Helical Teeth with Free Wheel</p>	
<p><b>cod.D</b> ..... Denti dritti con doppia ruota libera Straight Teeth with Double Free Wheel</p> <p><b>cod.J</b> ..... Denti elicoidali con doppia ruota libera Helical Teeth with Free Wheel</p>		

# T-90EX cod.79



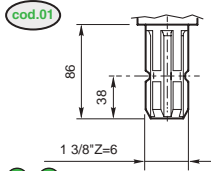
## Dimensioni / Dimensions



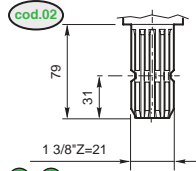
## Caratteristiche tecniche / Technical data

i	Input	Input		P <sub>i</sub> Kw(HP)	Output		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output		T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.06</span>	1000	1000	100/136	955	955	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali GleasonHelical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>	2.3		Vedi pagina seguente See next page
1:1.46	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.09</span>	540 1000	788 1460	69/93.8 105/142.8	1220 1002	836 686		Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>			
1:1.66	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.11</span>	540 1000	896 1660	53/72 140/190	937 1331	564 805	Con ruota libera With Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.L</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.W</span>				
1:2.07	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.38</span>	540 1000	1118 2070	62/84.3 95/129.2	1096 910	529 440	Con doppia ruota libera With Double Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.D</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.J</span>				
1:2.42	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.20</span>	540 1000	1306 2420	58/78.9 90/122.4	1026 859	417 355					
1:3	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>	540 1000	1620 300	57/77.5 85/115.6	1008 812	328 271					

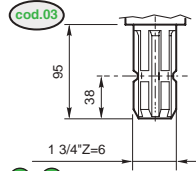
**Alberi / Shafts**



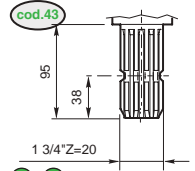
cod.01  
X Y



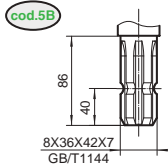
cod.02  
X Y



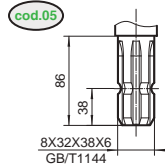
cod.03  
X Y



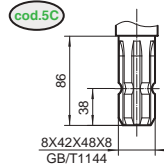
cod.43  
X Y



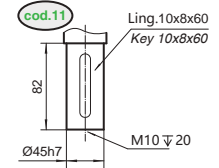
cod.5B  
X Y



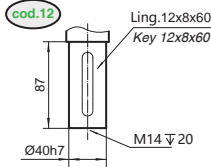
cod.05  
X Y



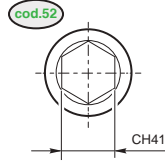
cod.5C  
X Y



cod.11  
X Y



cod.12  
X Y

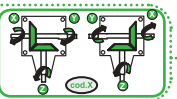
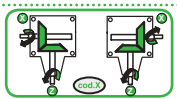
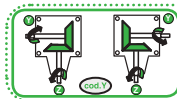


cod.52  
X Y



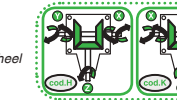
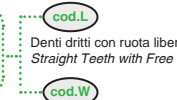
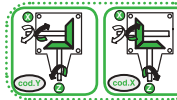
cod.00  
X Y

**Sensi di rotazione alberi / Shaft direction**



cod.R Denti dritti senza ruota libera  
*Straight Teeth without Free Wheel*

cod.Y Denti dritti senza ruota libera  
*Helical Teeth without Free Wheel*

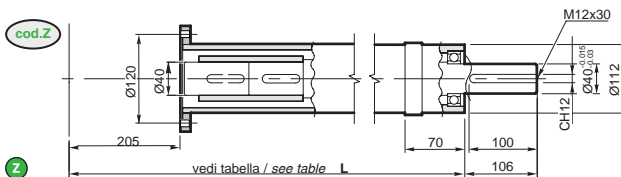


cod.D Denti dritti con doppia ruota libera  
*Straight Teeth with Double Free Wheel*

cod.J Denti elicoidali con doppia ruota libera  
*Helical Teeth with Free Wheel*

cod.W Denti elicoidali con ruota libera  
*Helical Teeth with Free Wheel*

**Prolunghe / Extensions**



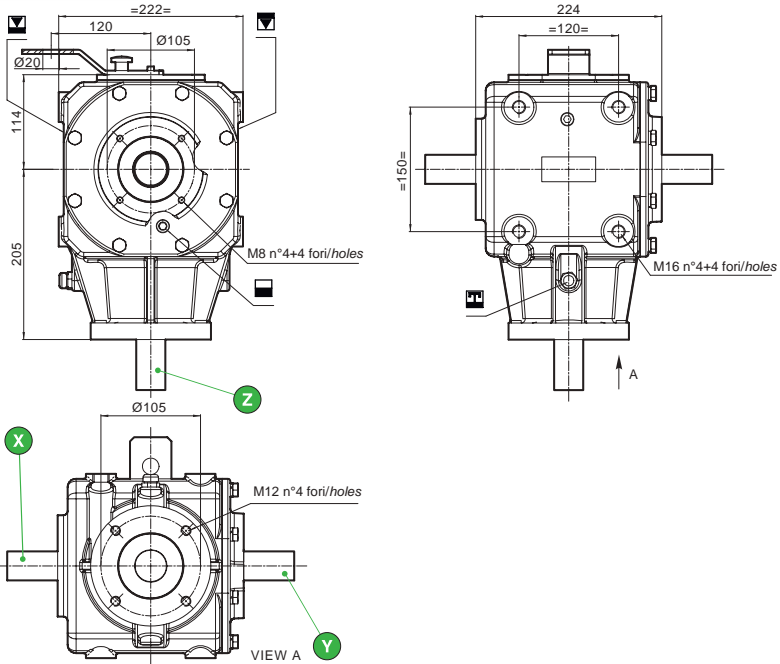
cod.Z  
Z

L [mm]	
430	990
500	1116
520	1240
720	1400
780	1560

**T-90INW** cod.39



**Dimensioni / Dimensions**

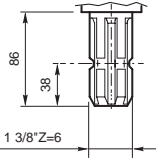


**Caratteristiche tecniche / Technical data**

i	Input		$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	X / Y										
2.071	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.39</span>		540	260	51.5(70)	913	1891	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>	44	2.6	Vedi pagina seguente See next page

**Alberi / Shafts**

cod.01



X Y Z

cod.00

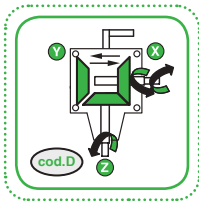
Tappo di tenuta  
Sealing Cap



X Y

T-90INW

**Sensi di rotazione alberi / Shaft direction**



cod.D

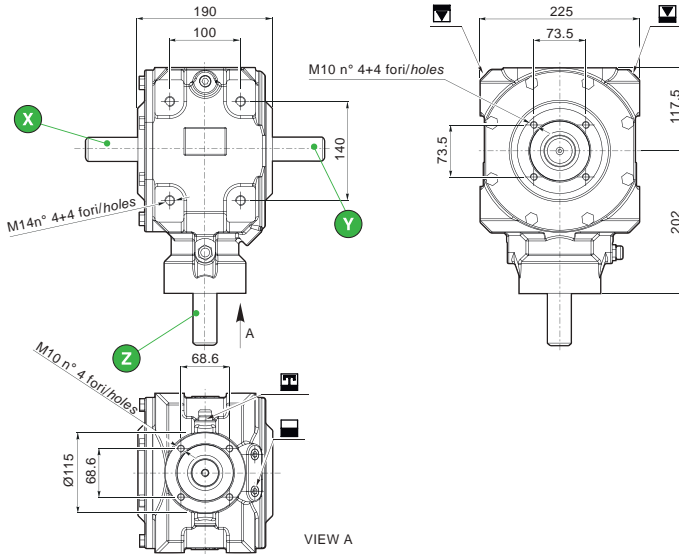
cod.R

Denti dritti senza ruota libera  
Straight Teeth Simple Angle Gear Unit

## T-91 cod.42



### Dimensioni / Dimensions



### Caratteristiche tecniche / Technical data

i	Input		Gears		Shafts		Material	Toothing	KG	LT	Alberi Shafts					
	Z	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)						T <sub>2</sub> N.m(output)				
3:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>		540	180	34/45	584	1750	Gleason denti elicoidali	36	1.8	Vedi pagina seguente See next page					
			1000	333	49/67	474	1422									
2.42:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.20</span>		540	223	41.9/57	741	1793	Gleason Helical Teeth	36	1.8		Vedi pagina seguente See next page				
			1000	413	63/85	599	1450									
1.9:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>		540	284	51.5/70	911	1731	Gleason denti dritti	36	1.8			Vedi pagina seguente See next page			
			1000	526	77.5/105	740	1407									
1.46:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.09</span>		540	367	62.5/85	1113	1626	Ghisia GS400 Ductile Cast iron	36	1.8				Vedi pagina seguente See next page		
			1000	680	94/128	904	1320									
1:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.06</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.06</span>	540	540	66/89.8	1167	1167	Ghisia G25 Gray Cast iron	36	1.8					Vedi pagina seguente See next page	
			1000	1000	100/136	955	955									
1:1.46	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.09</span>		540	788	69/93.8	1220	830	con ruota libera With Free Wheel	36	1.8						Vedi pagina seguente See next page
			1000	1470	105/142.8	1002	686									
1:1.9	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>		540	1026	62/84.3	1096	577	con doppia ruota libera With Double Free Wheel	36	1.8	Vedi pagina seguente See next page					
			1000	1900	95/129.2	907	477									
1:2.42	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.20</span>		540	1306	58/78.9	1009	417	con doppia ruota libera With Double Free Wheel	36	1.8		Vedi pagina seguente See next page				
			1000	2420	90/122.4	859	355									
13	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>		540	1620	60/82	1061	353	con doppia ruota libera With Double Free Wheel	36	1.8			Vedi pagina seguente See next page			
			1000	3000	85/115.6	812	271									

**Alberi / Shafts**

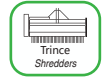
<p><b>cod.01</b></p> <p>86 38 1 3/8"Z=6</p> <p>X Y Z</p>	<p><b>cod.02</b></p> <p>79 31 1 3/8"Z=21</p> <p>X Y Z</p>	<p><b>cod.03</b></p> <p>95 38 1 3/4"Z=6</p> <p>X Y Z</p>	<p><b>cod.43</b></p> <p>95 38 1 3/4"Z=20</p> <p>X Y Z</p>
<p><b>cod.5B</b></p> <p>86 40 8X36X42X7 GB/T1144</p> <p>X Y Z</p>	<p><b>cod.05</b></p> <p>86 38 8X32X38X6 GB/T1144</p> <p>X Y Z</p>	<p><b>cod.5C</b></p> <p>86 38 8X42X48X8 GB/T1144</p> <p>X Y Z</p>	<p><b>cod.11</b></p> <p>82 Ling.10x8x60 Key 10x8x60 M10 20 Ø45h7</p> <p>X Y Z</p>
<p><b>cod.12</b></p> <p>87 Ling.12x8x60 Key 12x8x60 Ø40h7 M14 20</p> <p>X Y Z</p>	<p><b>cod.52</b></p> <p>CH41</p> <p>X Y</p>	<p><b>cod.00</b></p> <p>Tappe di tenuta Sealing Cap</p> <p>X Y</p>	

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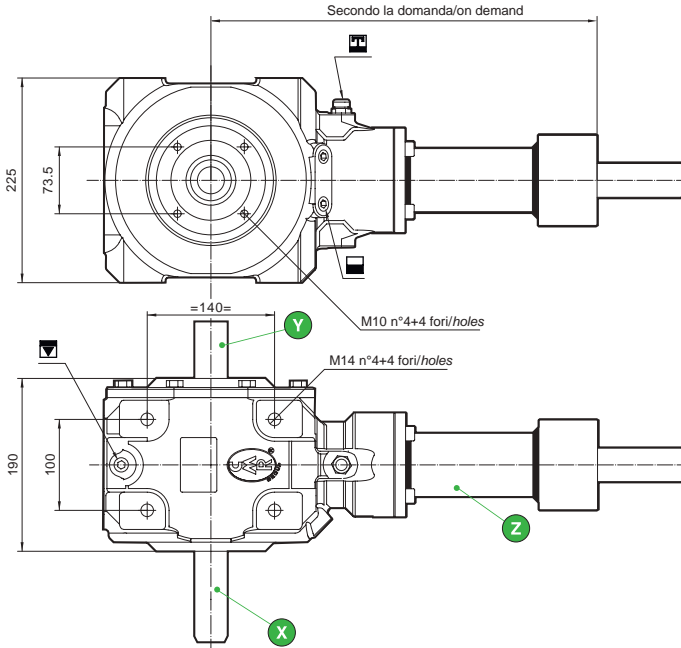
**Sensi di rotazione alberi / Shaft direction**

<p><b>cod.Y</b></p>	<p><b>cod.X</b></p>	<p><b>cod.X</b></p>
<p><b>cod.R</b> ..... Denti dritti senza ruota libera Straight Teeth without Free Wheel</p> <p><b>cod.Y</b> ..... Denti dritti senza ruota libera Helical Teeth without Free Wheel</p>		
<p><b>cod.Y</b></p>	<p><b>cod.X</b></p>	<p><b>cod.H</b></p>
<p><b>cod.K</b></p>	<p><b>cod.L</b> ..... Denti dritti con ruota libera Straight Teeth with Free Wheel</p> <p><b>cod.W</b> ..... Denti elicoidali con ruota libera Helical Teeth with Free Wheel</p>	
<p><b>cod.D</b> ..... Denti dritti con doppia ruota libera Straight Teeth with Double Free Wheel</p> <p><b>cod.J</b> ..... Denti elicoidali con doppia ruota libera Helical Teeth with Free Wheel</p>		

T-91EX cod.42



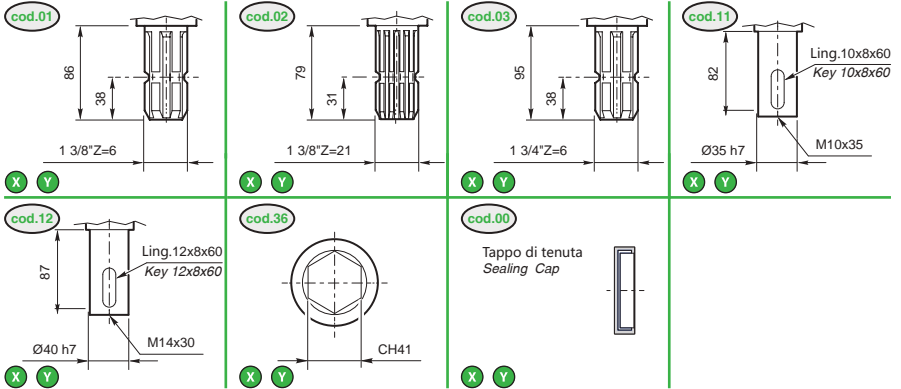
Dimensioni / Dimensions



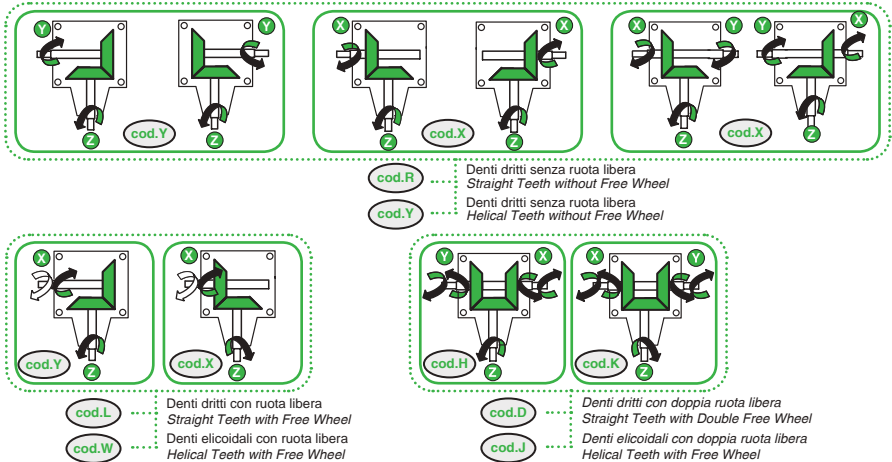
Caratteristiche tecniche / Technical data

i	Input	Input		P <sub>i</sub> Kw(HP)	Output		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output		T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.06</span>	1000	1000	100/136	955	955		Gleason denti elicoidali Gleason Helical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>			
1:1.46	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.09</span>	540 1000	793 1470	69/93.8 105/142.8	1220 1002	835 686	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>			
1:2.07	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.38</span>	540 1000	1118 2070	95/129.2 62/84.3	1680 592	812 286	Ghisa G25 Gray Cast iron	Con ruota libera With Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.L</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.W</span>	2.3		Vedi pagina seguente See next page
1:2.42	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.20</span>	540 1000	1300 2420	90/122.4 58/78.9	1592 554	658 229		Con doppia ruota libera With Double Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.D</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.J</span>			
1:3	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>	1000	3000	85/115.6	812	328 271					

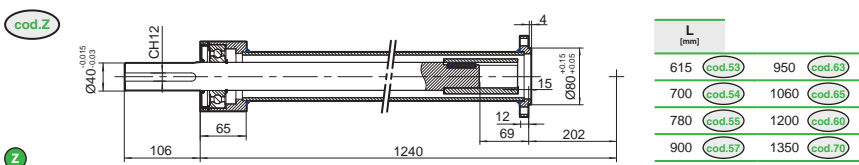
**Alberi / Shafts**



**Sensi di rotazione alberi / Shaft direction**



**Prrolunghhe / Extensions**

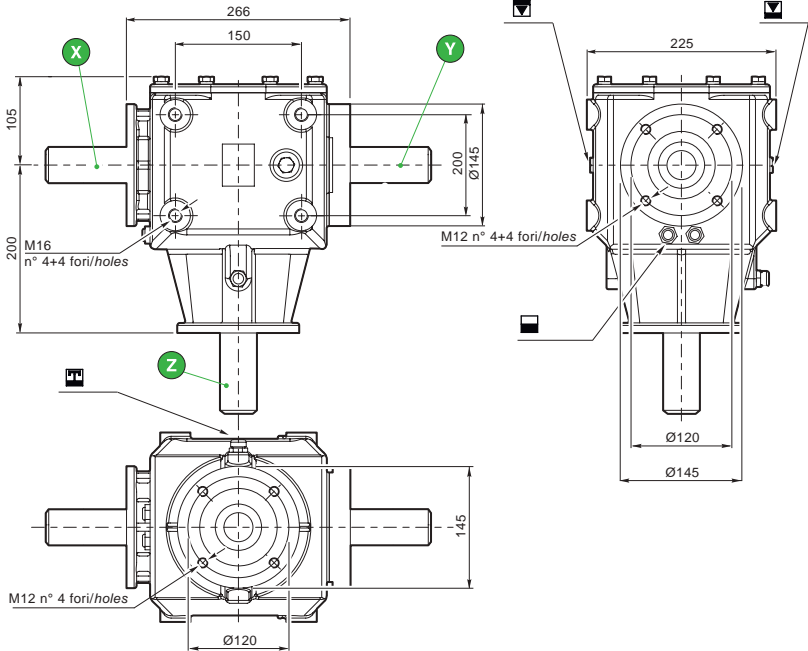


T-91EX

**T-92** (cod.31)



**Dimensioni / Dimensions**



**Caratteristiche tecniche / Technical data**

i	Input		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	X / Y										
2.07:1	(cod.90)		540 1000	260 484	51.5/70 77.5/105	913 773	1891 1519	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	44	2.6	Vedi pagina seguente See next page
1.53:1	(cod.94)		540 1000	353 654	50/68 80/100	884 764	1353 1169		(cod.Y)			
1:1	(cod.06)	(cod.06)	540 1000	540 1000	80/110 150/204	1415 1433	1415 1433		Gleason denti dritti Gleason Straight Teeth			
1:1.53		(cod.94)	540 1000	826 1530	100/163 172/234	1769 1643	1156 1074		(cod.R) con ruota libera With Free Wheel			
1:2.07		(cod.90)	540 1000	1188 2070	95/129.2 62/84.3	1681 592	812 286		(cod.L) (cod.W)			

**Alberi / Shafts**

<p><b>cod.01</b></p> <p>86 38 1 3/8"Z=6</p> <p>X Y Z</p>	<p><b>cod.02</b></p> <p>79 31 1 3/8"Z=21</p> <p>X Y Z</p>	<p><b>cod.03</b></p> <p>95 38 1 3/4"Z=6</p> <p>X Y Z</p>	<p><b>cod.43</b></p> <p>95 38 1 3/4"Z=20</p> <p>X Y Z</p>
<p><b>cod.5B</b></p> <p>86 40 8X36X42X7 GB/T1144</p> <p>X Y Z</p>	<p><b>cod.05</b></p> <p>86 38 8X32X38X6 GB/T1144</p> <p>X Y Z</p>	<p><b>cod.5C</b></p> <p>86 38 8X42X48X8 GB/T1144</p> <p>X Y Z</p>	<p><b>cod.11</b></p> <p>Ling.10x8x60 Key 10x8x60 82 Ø45h7 M10 7/20</p> <p>X Y Z</p>
<p><b>cod.12</b></p> <p>Ling.12x8x60 Key 12x8x60 87 Ø40h7 M14 7/20</p> <p>X Y Z</p>	<p><b>cod.52</b></p> <p>CH41</p> <p>X Y</p>	<p><b>cod.00</b></p> <p>Tappo di tenuta Sealing Cap</p> <p>X Y</p>	

T-92

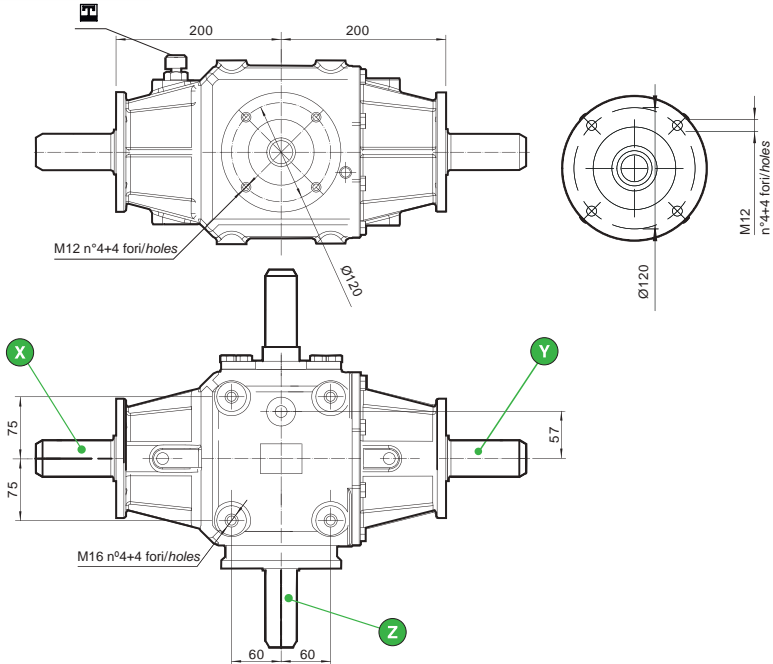
**Sensi di rotazione alberi / Shaft direction**

<p><b>cod.Y</b></p>	<p><b>cod.X</b></p>	<p><b>cod.X</b></p>
<p><b>cod.R</b> ..... Denti dritti senza ruota libera Straight Teeth without Free Wheel</p> <p><b>cod.Y</b> ..... Denti dritti senza ruota libera Helical Teeth without Free Wheel</p>		
<p><b>cod.Y</b></p>	<p><b>cod.X</b></p>	
<p><b>cod.L</b> ..... Denti dritti con ruota libera Straight Teeth with Free Wheel</p> <p><b>cod.W</b> ..... Denti elicoidali con ruota libera Helical Teeth with Free Wheel</p>		

**T-92D** (cod.D2)



**Dimensioni / Dimensions**

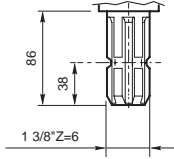


**Caratteristiche tecniche / Technical data**

i	Input		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>i</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	X / Y										
2.07:1	(cod.90)		540	260	38/52	670	1388	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	44	2.6	Vedi pagina seguente See next page
1.53:1	(cod.94)		540	353	50/68	884	1353					
1.86:1	(cod.37)		540	290	62/85	1096	2039					
1:1	(cod.06)	(cod.06)	540	540	80/100	1451	1415		Gleason denti dritti Gleason Straight Teeth			
1:1.53	(cod.94)		540	826	100/163	7869	1156					
1:2.07	(cod.90)		540	1188	95/129.2	1681	812					
			1000	2070	62/84.3	592	286	(cod.R)				

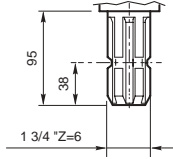
**Alberi / Shafts**

cod.01



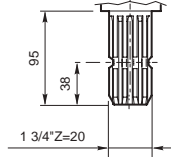
X Y Z

cod.02



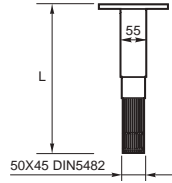
X Y Z

cod.43



X Y Z

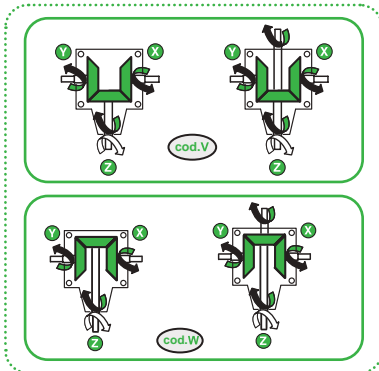
cod.71



X Y

T-92D

**Sensi di rotazione alberi / Shaft direction**



cod.L

Denti dritti senza ruota libera  
Straight Teeth Simple Angle Gear Unit

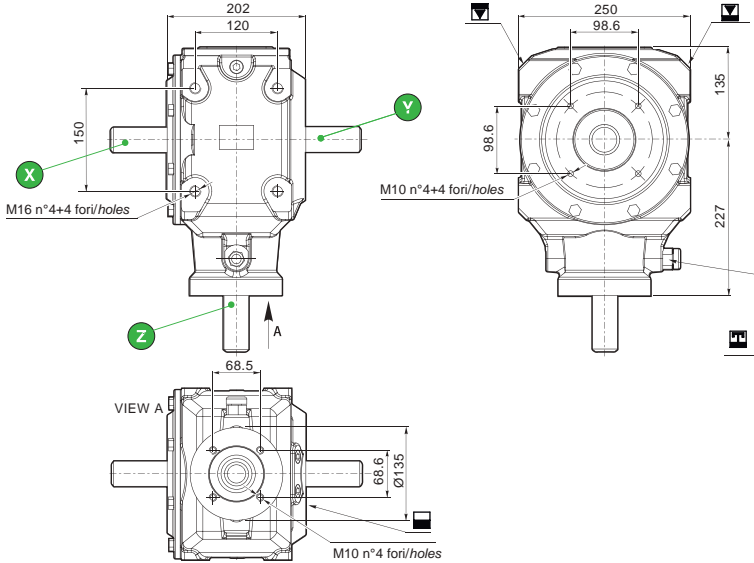
cod.W

Denti elicoidali con ruota libera  
Helical Teeth with Free Wheel

**T-150** (cod.50)



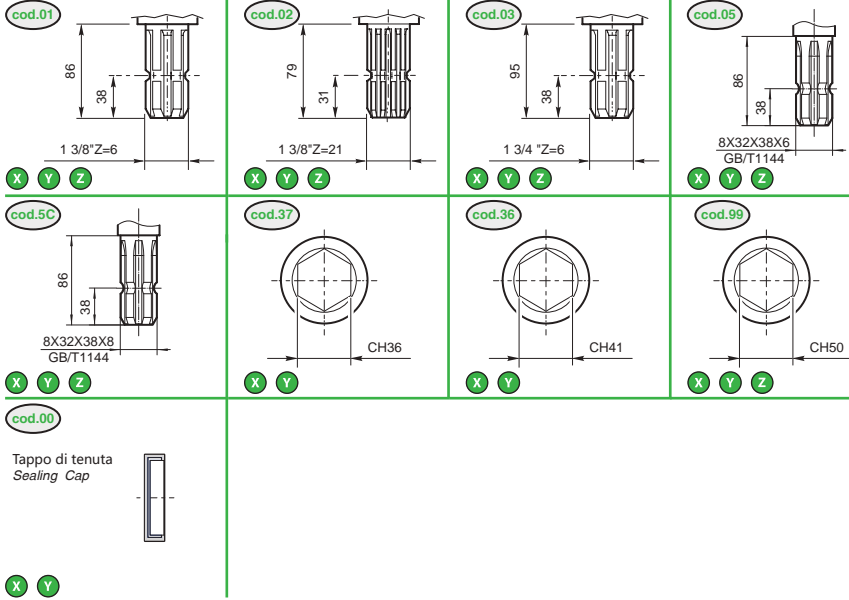
**Dimensioni / Dimensions**



**Caratteristiche tecniche / Technical data**

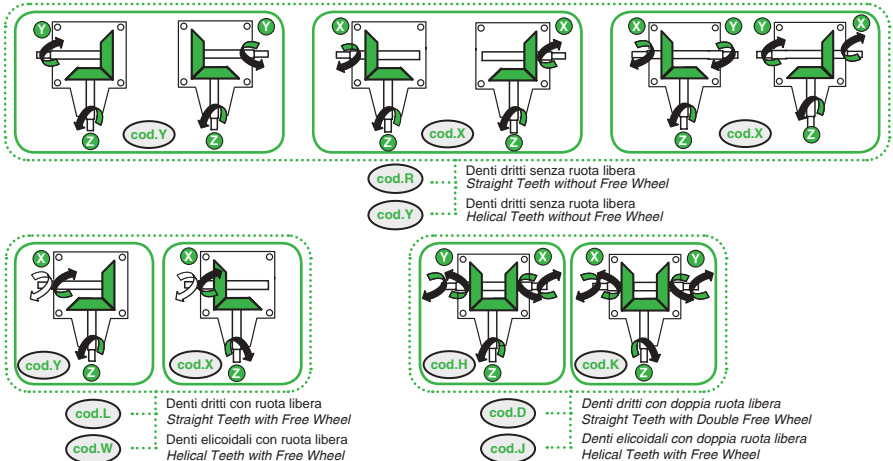
i	Input		Gears		Shafts		Material	Toothing	KG	LT	Alberi Shafts
	Z	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)					
3:1	(cod.18)		540 1000	174 323	40(55) 62(85)	707 592	2122 1776	Gleason denti elicoidali Gleason Helical Teeth	35	3.0	Vedi pagina seguente See next page
2.46:1	(cod.55)		540 1000	220 407	46(63) 70(96)	814 669	2001 1642	Gleason denti dritti Gleason Straight Teeth			
1.93:1	(cod.32)	(cod.26)	540 1000	280 518	66(90) 99(135)	1167 945	2260 1831	Gleason denti dritti Gleason Straight Teeth			
1:1.93	(cod.26)	(cod.32)	540 1000	1042 1930	107(145) 162(220)	1887 1545	978 801	con ruota libera With Free Wheel			
1:2.46		(cod.55)	540 1000	1328 2460	88(120) 136(185)	1562 1298	635 528	con doppia ruota libera With Double Free Wheel			
1:3		(cod.18)	540 1000	1620 3000	88(120) 136(185)	1556 1298	519 433	con doppia ruota libera With Double Free Wheel			

**Alberi / Shafts**

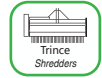


T-150

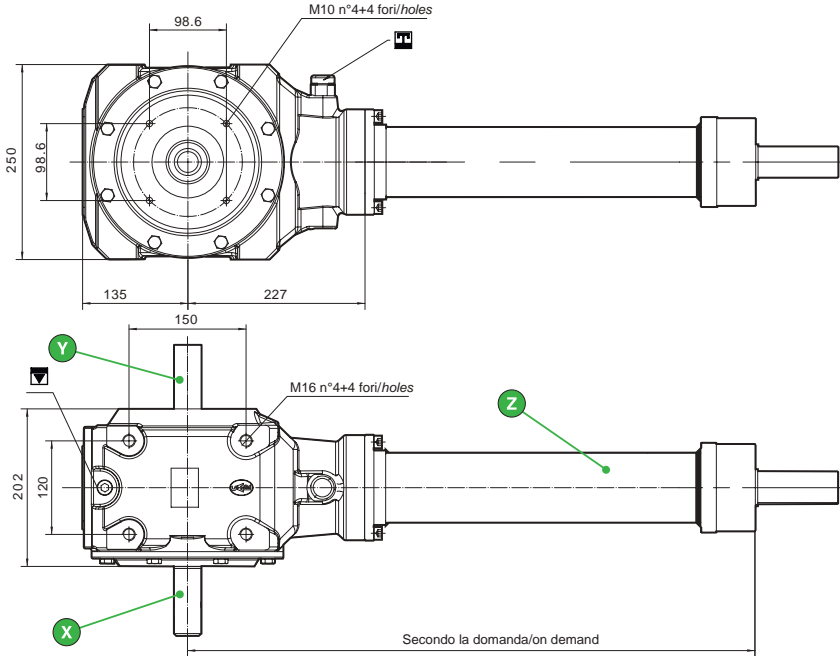
**Sensi di rotazione alberi / Shaft direction**



## T-150EX cod.50



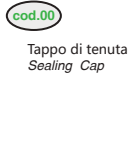
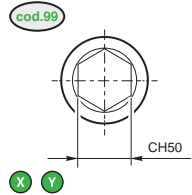
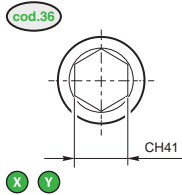
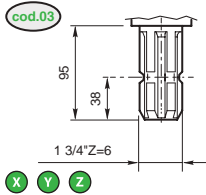
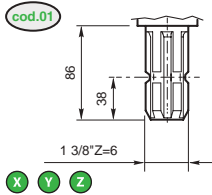
### Dimensioni / Dimensions



### Caratteristiche tecniche / Technical data

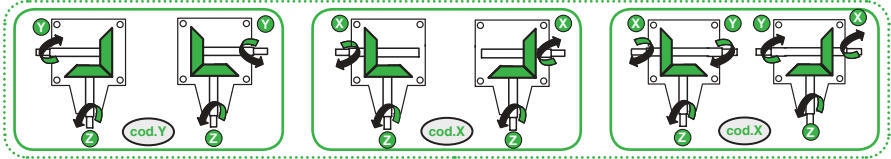
i	Input	Input		P <sub>i</sub> Kw(HP)	Output		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output		T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1.3	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.18</span>	540 1000	1674 3100	88(120) 136(185)	1562 1298	504 419	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>	3.0		Vedi pagina seguente See next page
1.2.46	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.55</span>	540 1000	1328 2460	88(120) 136(185)	1562 1298	635 528	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span> Con ruota libera With Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.L</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.W</span>			
1.1.93	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>	540 1000	1042 1930	107(145) 162(220)	1887 1545	978 801		Con doppia ruota libera With Double Free Wheel <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.D</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.J</span>			

**Alberi / Shafts**

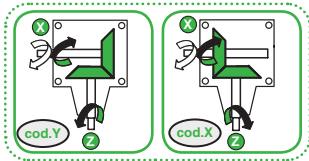


**T-150EX**

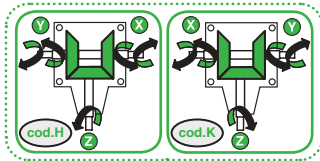
**Sensi di rotazione alberi / Shaft direction**



**cod.R** ..... Denti dritti senza ruota libera  
*Straight Teeth without Free Wheel*  
**cod.Y** ..... Denti dritti senza ruota libera  
*Helical Teeth without Free Wheel*

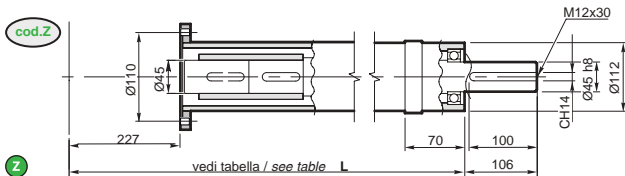


**cod.L** ..... Denti dritti con ruota libera  
*Straight Teeth with Free Wheel*  
**cod.W** ..... Denti elicoidali con ruota libera  
*Helical Teeth with Free Wheel*



**cod.D** ..... Denti dritti con doppia ruota libera  
*Straight Teeth with Double Free Wheel*  
**cod.J** ..... Denti elicoidali con doppia ruota libera  
*Helical Teeth with Free Wheel*

**Prorlunghe / Extensions**

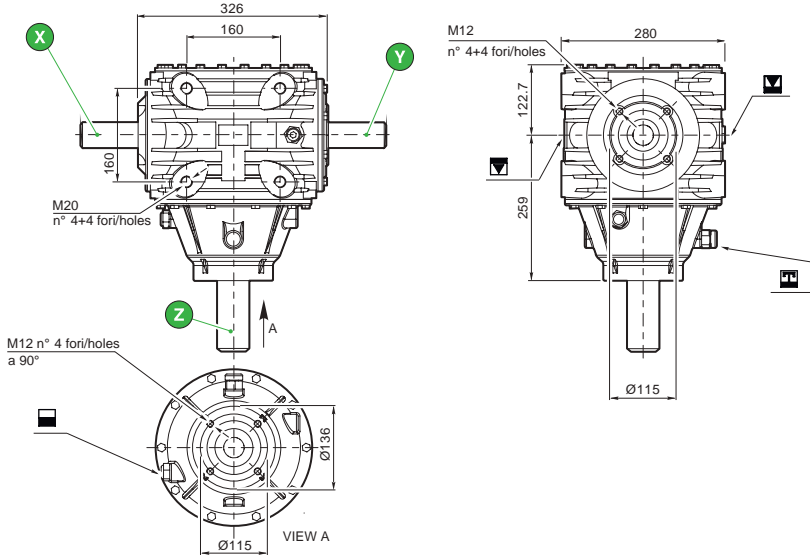


L (mm)	
615 <b>cod.53</b>	950 <b>cod.63</b>
700 <b>cod.54</b>	1060 <b>cod.65</b>
780 <b>cod.55</b>	1200 <b>cod.60</b>
900 <b>cod.57</b>	1350 <b>cod.70</b>

**T-152** (cod.52)



**Dimensioni / Dimensions**



**Caratteristiche tecniche / Technical data**

i	Input		Gears		Shafts			Material	Toothing	KG	LT	Alberi Shafts
	Z	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
2.55:1	(cod.15)		1000 760	393 298	111/150 85/115	1060 1071	2705 2732	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth  con ruota libera With Free Wheel	66	3.5	Vedi pagina seguente See next page
2.2:1	(cod.54)	(cod.71)	540	246	61/82	1079	2373					
1.93:1	(cod.32)	(cod.26)	540	284	80/68	1415	2688					
			1000	526	110/100	1051	1996					
1.57:1	(cod.94)	(cod.89)	540	344	95/110	1680	2638					
			1000	637	130/204	1242	1949					
1:1	(cod.06)	(cod.06)	1000	1000	205/278.8	1957	1957					
1:1.57	(cod.89)	(cod.94)	1000	1570	214/291	2044	1302					
1:1.93	(cod.26)	(cod.32)	540	1042	150/204	2653	1374					
			760	1466	175/238	2199	1140					
1:2.2	(cod.71)	(cod.54)	1000	2200	228/309	2177	995					
1:2.55		(cod.15)	540	1374	162/220	2856	1120					

**Alberi / Shafts**

<p><b>cod.01</b></p> <p>86 38 1 3/8"Z=6</p> <p>X Y Z</p>	<p><b>cod.02</b></p> <p>79 31 1 3/8"Z=21</p> <p>X Y Z</p>	<p><b>cod.03</b></p> <p>95 38 1 3/4"Z=6</p> <p>X Y Z</p>	<p><b>cod.43</b></p> <p>95 38 1 3/4"Z=20</p> <p>X Y Z</p>
<p><b>cod.5C</b></p> <p>86 40 8X42X48X8 GB/T1144</p> <p>X Y Z</p>	<p><b>cod.05</b></p> <p>86 40 8X32X38X6 GB/T1144</p> <p>X Y Z</p>	<p><b>cod.00</b></p> <p>Tappo di tenuta Sealing Cap</p> <p>X Y</p>	<p><b>cod.13</b></p> <p>Ling.14x8x60 Key 14x8x60</p> <p>86 Ø45 h7 M14 20</p> <p>X Y Z</p>

T-152

**Sensi di rotazione alberi / Shaft direction**

**cod.Y**

**cod.X**

**cod.X**

**cod.Y** ..... Denti dritti senza ruota libera  
Helical Teeth without Free Wheel

**cod.Y**

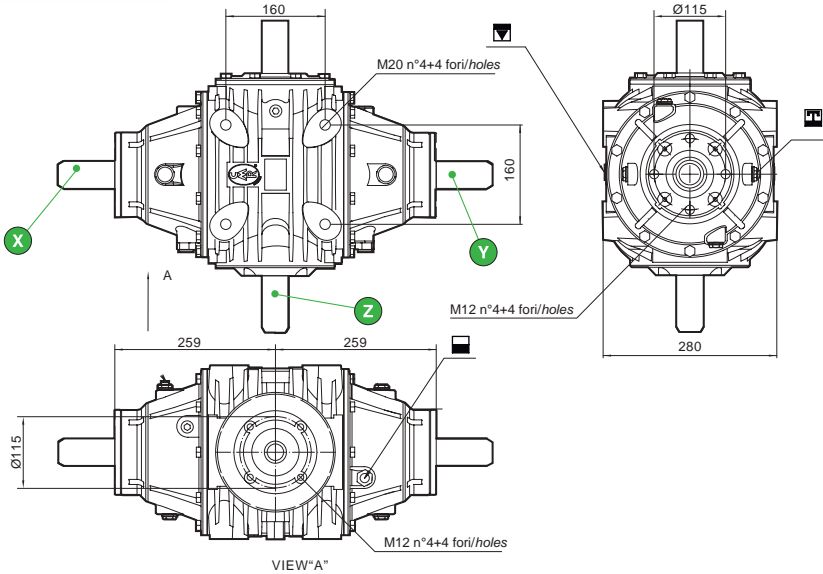
**cod.X**

**cod.W** ..... Denti elicoidali con ruota libera  
Helical Teeth with Free Wheel

## T-152D cod.D5



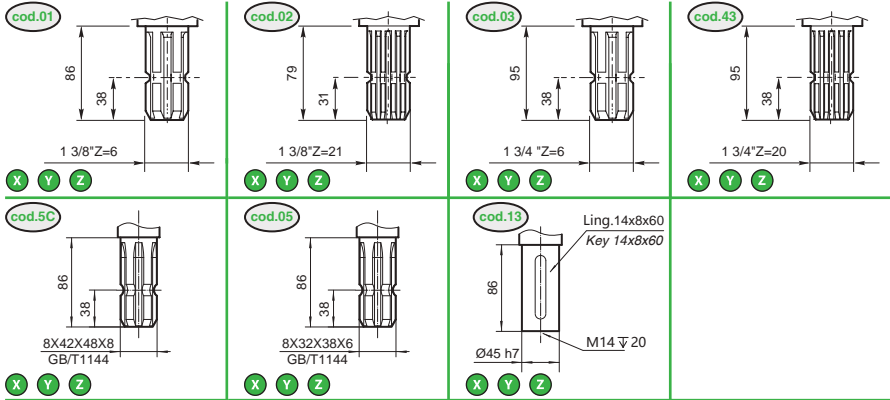
### Dimensioni / Dimensions



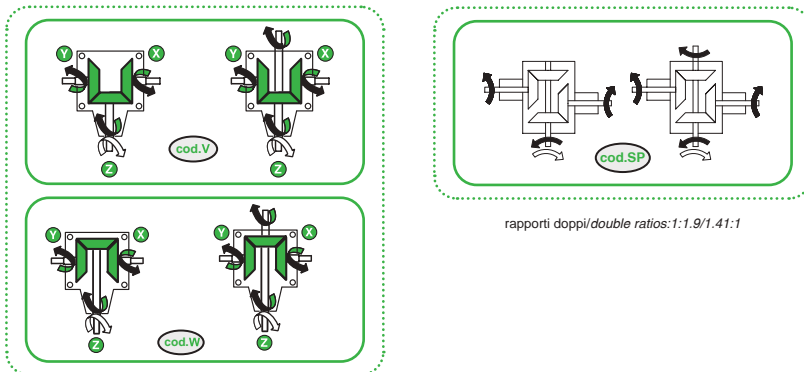
### Caratteristiche tecniche / Technical data

i	Input		Input		Input		Material Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)					
2.55:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.15</span>		1000 760	393 298	111/150 85/115	1060 1071	2705 2732	Ghisa GS400 Ductile Cast iron	66	4	Vedi pagina seguente See next page
2.2:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.54</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.71</span>	540	246	61/82	1079	2373				
1.93:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.26</span>	540 1000	284 526	80/68 110/100	1415 1051	2688 1996				
1.57:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.94</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.89</span>	540 1000	344 637	95/129 130/177	1680 1242	2638 1949				
1:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.06</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.06</span>	1000	1000	205/278.8	1957	1957				
1:1.57	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.89</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.94</span>	1000	1570	214/291	2044	1302				
1:1.93	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.26</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>	540	1026	150/204	2653	1396				
1:2.2	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.71</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.54</span>	540	1188	229/408	4050	1840				
1:2.55		<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.15</span>	540	1374	162/220	2856	1120				

**Alberi / Shafts**



**Sensi di rotazione alberi / Shaft direction**



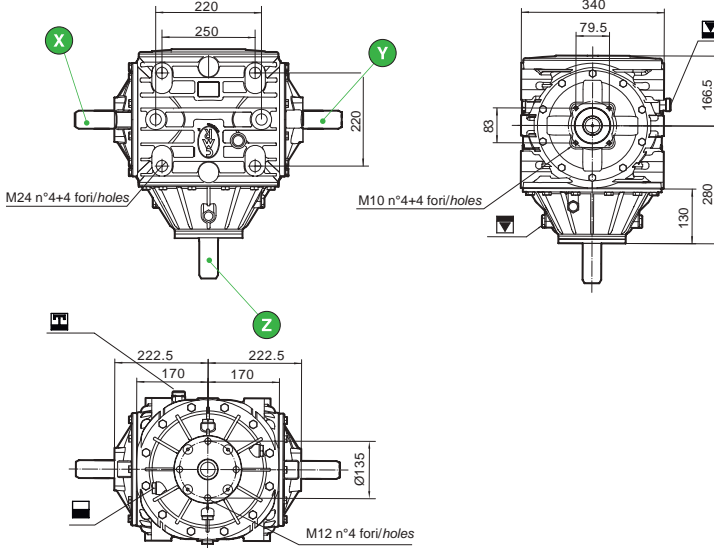
rapporti doppi/double ratios:1:1.9/1.41:1

**cod.W** ..... Denti elicoidali con ruota libera  
Helical Teeth with Free Wheel

**T-162** (cod.65)



**Dimensioni / Dimensions**



**Caratteristiche tecniche / Technical data**

i	Input		n <sub>1</sub> rpm input		n <sub>2</sub> rpm output		P <sub>1</sub> Kw(HP)		T <sub>1</sub> N.m(input)		T <sub>2</sub> N.m(output)		Materiale Material	Dentatura Tothing	KG	LT	Alberi Shafts
	Z	X / Y															
2.2:1	cod.54	cod.71	540 1000	244 452	105(141) 188(252)	1856 1795	4085 3950	Ghisa GS400 Ductile Cast iron	Gleason denti ellicoidali Gleason Helical Teeth cod.Y con ruota libera With Free Wheel cod.L cod.W	102	4.2	Vedi pagina seguente See next page					
1.93:1	cod.32	cod.28	540 1000	279 510	125.5(168) 225.5(302)	2216 2150	4300 4122										
1.57:1	cod.15	cod.89	540 1000	348 645	164.8(221) 293.8(394)	2914 1805	4518 4349										
1:1	cod.06	cod.06	1000 1000	1000 1000	300(400)	2865	2865										
1:1.57	cod.89	cod.94	540 1000	837 1550	334(454) 587(798)	5907 5606	3810 3617										
1:1.93	cod.26	cod.32	540 1000	1047 1946	316(430) 559(760)	5589 5338	2881 2752										
1:2.2	cod.71	cod.54	540 1000	1188 2200	229(408) 532(724)	4049 5086	1840 2309										

**Alberi / Shafts**

<p><b>cod.01</b></p> <p>86 38 1 3/8"Z=6</p> <p>X Y Z</p>	<p><b>cod.02</b></p> <p>79 31 1 3/8"Z=21</p> <p>X Y Z</p>	<p><b>cod.03</b></p> <p>95 38 1 3/4"Z=6</p> <p>X Y Z</p>	<p><b>cod.43</b></p> <p>95 38 1 3/4"Z=20</p> <p>X Y Z</p>
<p><b>cod.5C</b></p> <p>86 38 8X42X48X8 GB/T1144</p> <p>X Y Z</p>	<p><b>cod.05</b></p> <p>86 38 8X32X38X6 GB/T1144</p> <p>X Y Z</p>	<p><b>cod.00</b></p> <p>Tappo di tenuta <i>Sealing Cap</i></p> <p>X Y</p>	<p><b>cod.13</b></p> <p>Ling.14x8x60 <i>Key 14x8x60</i></p> <p>86 Ø45 h7 M14 20</p> <p>X Y Z</p>

T-162

**Sensi di rotazione alberi / Shaft direction**

**cod.Y**

**cod.X**

**cod.Y** ..... Denti dritti senza ruota libera  
*Helical Teeth without Free Wheel*

**cod.Y**

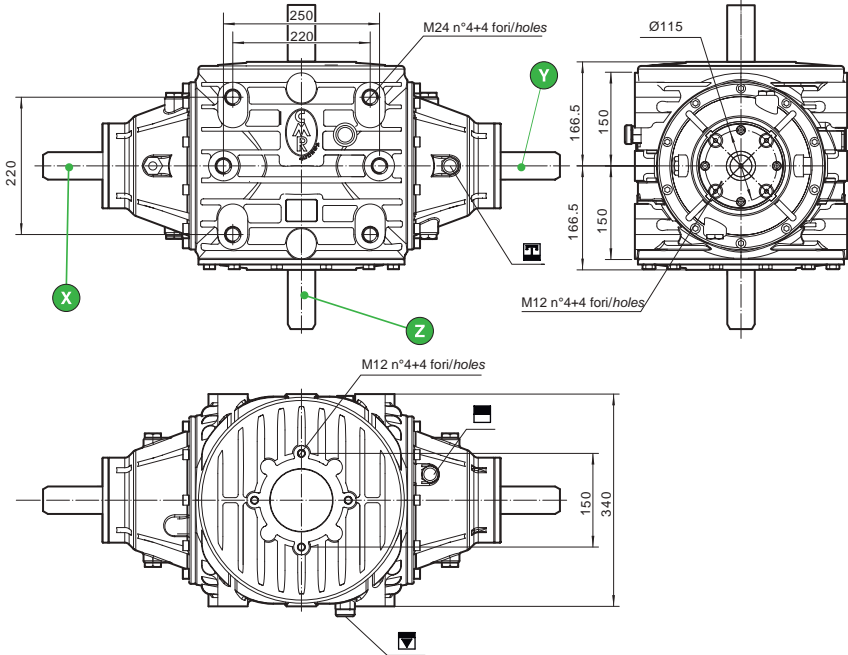
**cod.X**

**cod.W** ..... Denti elicoidali con ruota libera  
*Helical Teeth with Free Wheel*

## T-162D cod.D7



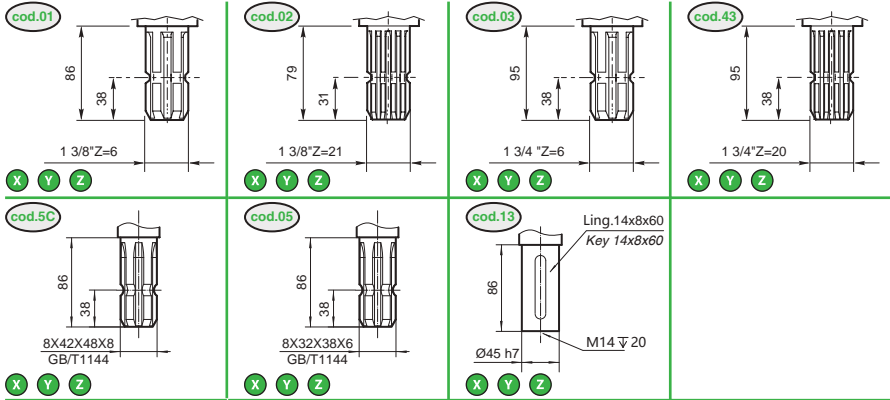
### Dimensioni / Dimensions



### Caratteristiche tecniche / Technical data

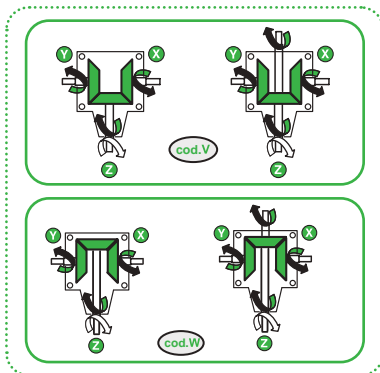
i	Input					Materiale Material	Dentatura Tothing	KG	LT		Alberi Shafts
	Z	X / Y									
1:1.93	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.26</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>	540 1000	1047 1940	316(430) 559(760)	5589 5338	2881 2752	135	6.2		Vedi pagina seguente See next page
1:1.57	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.89</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.94</span>	540 1000	837 1550	334(454) 587(798)	5907 5606	3811 3617				
1:2.2	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.71</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.54</span>	540 1000	1188 2200	532(748) 229(408)	9409 2187	4277 994				
1:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.06</span>	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.06</span>	1000 1000	1000 1000	277(376)	2645	2645				

**Alberi / Shafts**









**T-162D**




**Sensi di rotazione alberi / Shaft direction**



**cod.W** ..... Denti elicoidali con ruota libera  
Helical Teeth with Free Wheel

SERIE LF&MF		
<b>LF36</b>		102
<b>LF40</b>		104
<b>LF70</b>		106
<b>LF80</b>		108
<b>MF70</b>		110
<b>MF130</b>		112

## Codifica/Code

Settore Area	Tipo Type	Scatola Box	i	Alberi Shafts	lunghezza Length	Alberi Shafts	Posizione corona Ring Gear Position
				Z	L	Y	
<b>S</b>	<b>R</b>	<b>F3</b>	<b>13</b>	<b>01</b>	<b>040</b>	<b>0</b>	<b>Y</b>
<b>S</b>	<p><b>cod.R</b></p> <p>R Denti dritti senza ruota libera Straight Teeth without Free Wheel</p> <p>Y Denti elicoidali senza ruota libera Helical Teeth without Free Wheel</p>	<p><b>cod.F3</b></p> <p>↑ T15 ..</p>	<p><b>cod.13</b></p> <p>↑ 1:1 ..</p>	<p><b>cod.01</b></p>  <p>↑ ..</p>	<p><b>cod.040</b></p>	<p><b>cod.0</b></p>  <p>↑ ..</p>	<p><b>cod.Y</b></p>  <p>↑ ..</p>
		pag. dedicate dedicated pag.	pag. dedicate dedicated pag.	pag. dedicate dedicated pag.		pag. dedicate dedicated pag.	



**cod.3**

Preparazione del terreno  
Land preparation

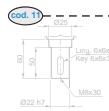
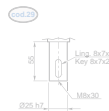
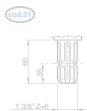


### Dimensioni / Dimensions

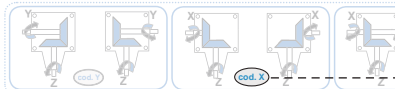
#### 技术参数 / Technical data

i	Input	输入转速 Input Speed	输出转速 Output Speed	传动比 Gear Ratio	输入扭矩 Input Torque	输出扭矩 Output Torque	材料 Material	重量 Weight	尺寸 Size	备注 Remarks
1:1	<b>cod.05</b>						铸钢 G25	4.25	130x100x100	见下页 SEE NEXT PAGE

### Alberi / Shafts



### Sensi di rotazione alberi/shaft rotation directions



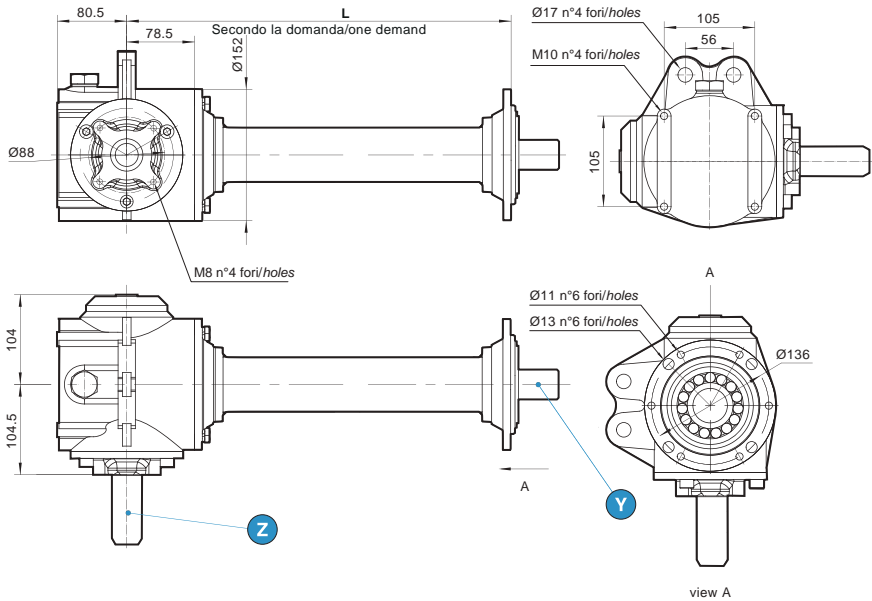
**cod.R**

Simple Angle Gear Unit

**LF36** (cod.F3)



**Dimensioni / Dimensions**

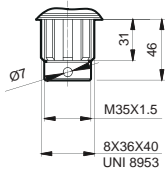


**Caratteristiche tecniche / Technical data**

i	Input	Gear		Shaft			Materiale Material	Dentatura Toothing	Weight		Alberi Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)			KG	LT	
1.46 1	(cod.13)	540	370	27/36	477	696	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Gear	(cod.R)		Vedi pagina seguente See next page

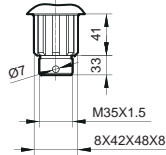
**Alberi / Shafts**

cod.0



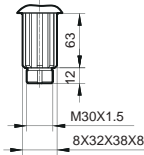
Y

cod.1



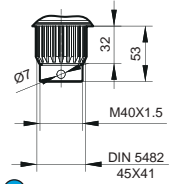
Y

cod.5



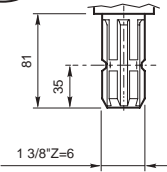
Y

cod.7



Y

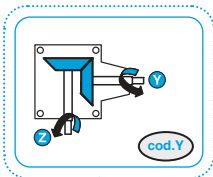
cod.01



Z

LF36

**Sensi di rotazione alberi / Shaft direction**



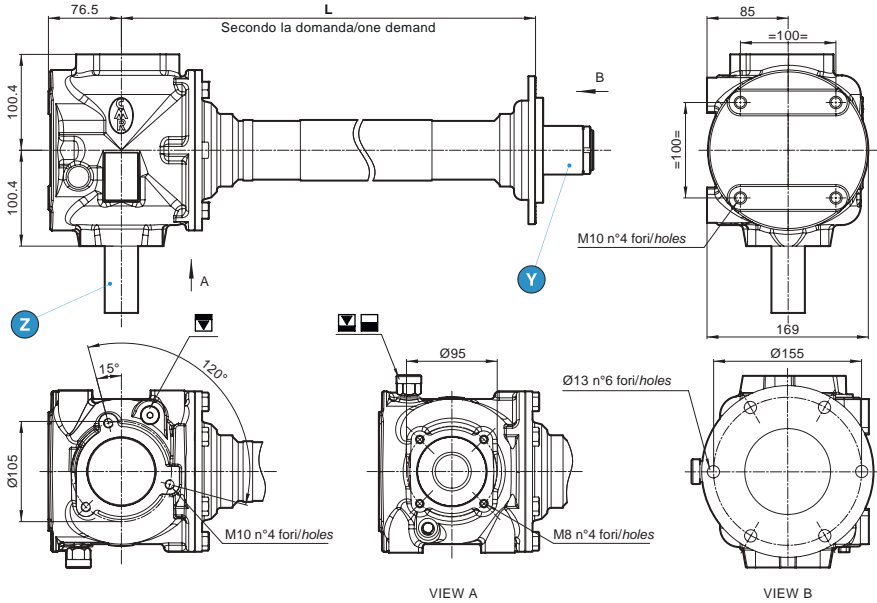
cod.Y

Denti elicoidali senza ruota libera  
Helical Teeth without Free Wheel

**LF40** (cod.F2)



**Dimensioni / Dimensions**

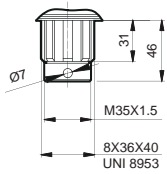


**Caratteristiche tecniche / Technical data**

i	Input	Input/Output		Power	Torque		Material	Tooth	Weight	Length	Shafts
	(Z)	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1.46 1	(cod.13)	540	370	29.4/40	520	759	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Gear (cod.R)			Vedi pagina seguente See next page

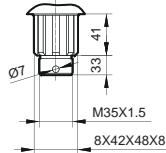
**Alberi / Shafts**

cod.0



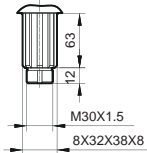
Y

cod.1



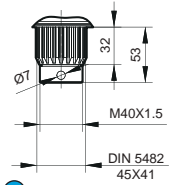
Y

cod.5



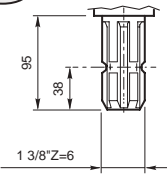
Y

cod.7



Y

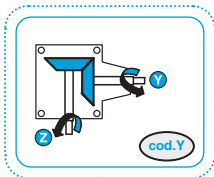
cod.01



Z

LF40

**Sensi di rotazione alberi / Shaft direction**



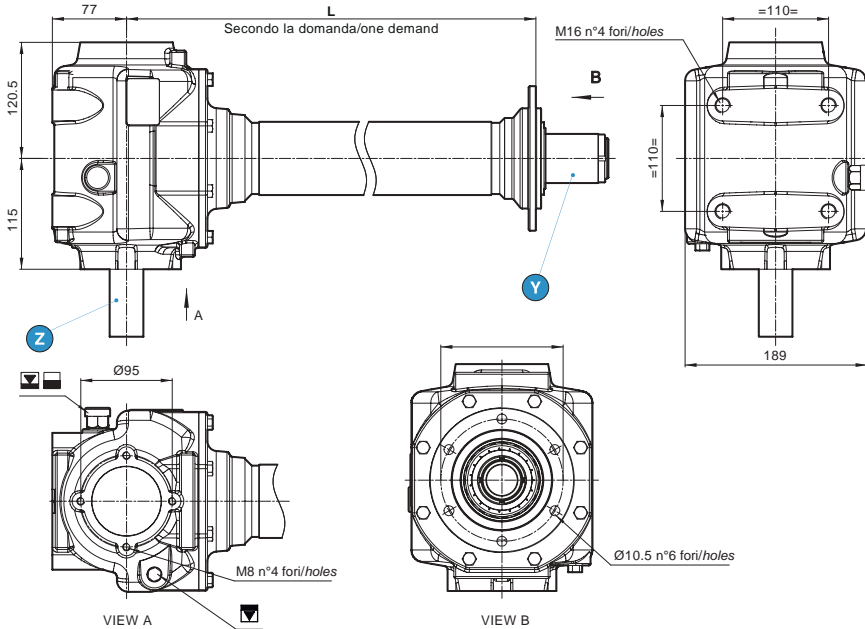
cod.Y

Denti elicoidali senza ruota libera  
Helical Teeth without Free Wheel

LF70 cod.07



Dimensioni / Dimensions

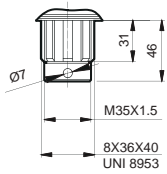


Caratteristiche tecniche / Technical data

i	Input	Input/Output		Power	Torque		Material	Tooth	Weight	Length	Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Z</span>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)					
1.711	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.01</span>	540	316	47.8/65	845	1446	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Gear <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>			Vedi pagina seguente See next page

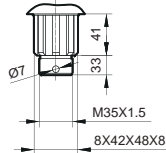
**Alberi / Shafts**

cod.0



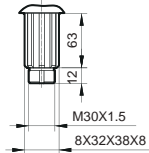
Y

cod.1



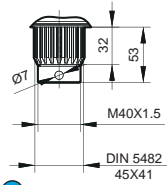
Y

cod.5



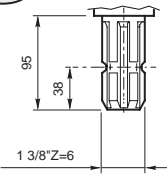
Y

cod.7



Y

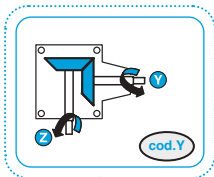
cod.01



Z

LF70

**Sensi di rotazione alberi / Shaft direction**



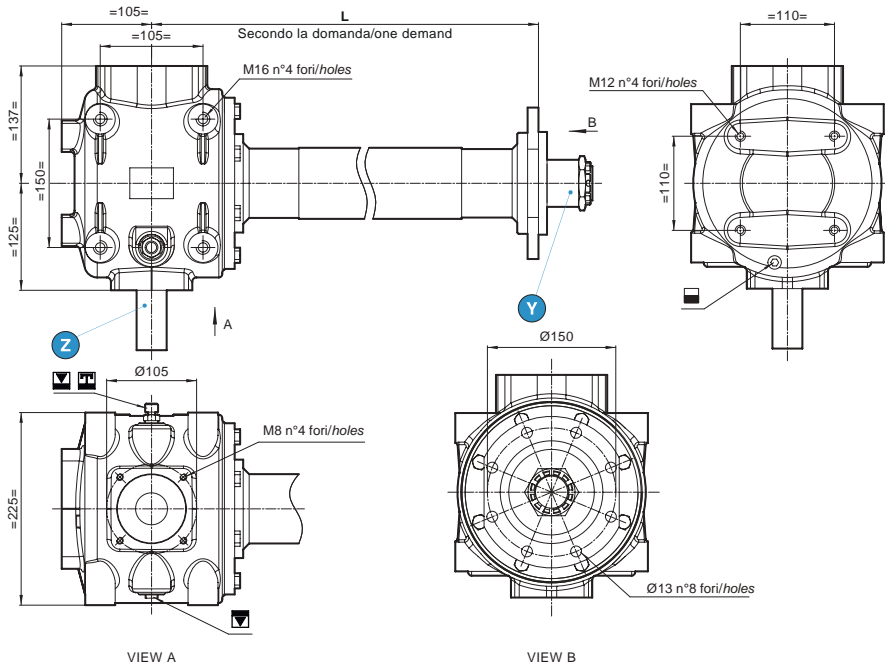
cod.Y

Denti elicoidali senza ruota libera  
Helical Teeth without Free Wheel

## LF80 cod.08



### Dimensioni / Dimensions

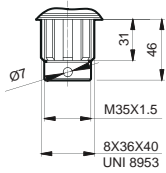


### Caratteristiche tecniche / Technical data

i	Input											
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Z</span>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)	Material Material	Dentatura Toothing	KG	LT	Alberi Shafts	
1.83 1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.61</span>	540	295	67/90	1185	2169	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Gear	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>			Vedi pagina seguente See next page

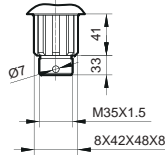
**Alberi / Shafts**

cod.0



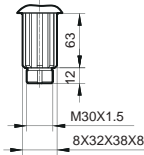
Y

cod.1



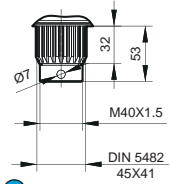
Y

cod.5



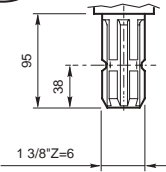
Y

cod.7



Y

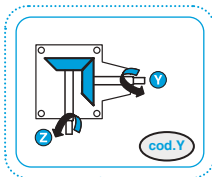
cod.01



Z

LF80

**Sensi di rotazione alberi / Shaft direction**



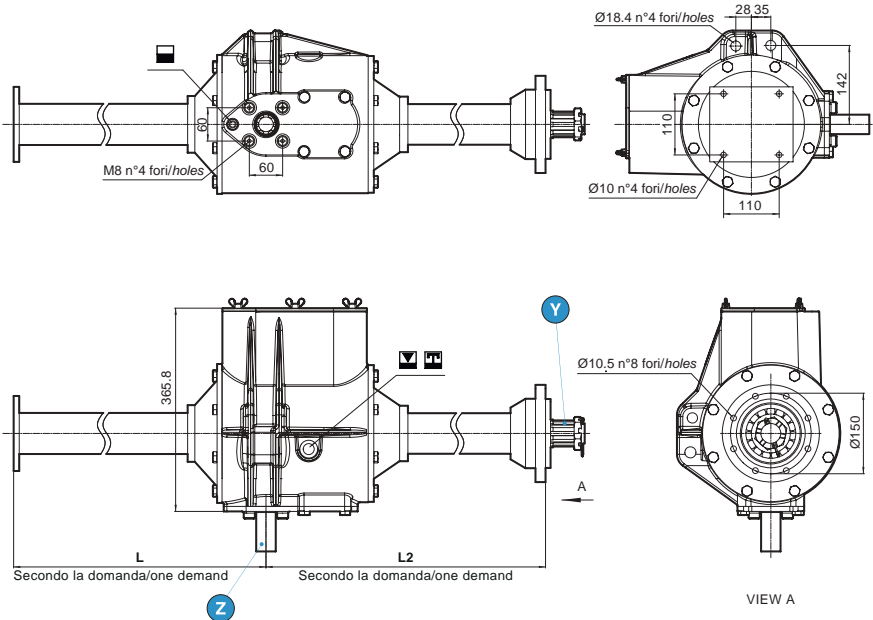
cod.Y

Denti elicoidali senza ruota libera  
Helical Teeth without Free Wheel

**MF70** (cod.87)



**Dimensioni / Dimensions**

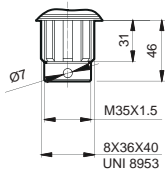


**Caratteristiche tecniche / Technical data**

i	Input										
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
1.62:1			333			1477		Gleason denti dritti			Vedi pagina seguente See next page
1.87:1	(cod.48)	540	289	51.1/70	904	1702	Ghisa G25 Gray	Gleason			
2.29:1			236			2084	Cast iron	Straight Gear			
2.64:1			205			2399		(cod.R)			

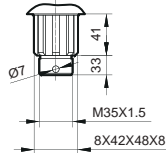
**Alberi / Shafts**

cod.0



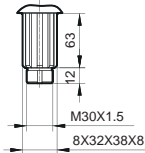
Y

cod.1



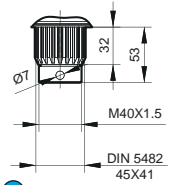
Y

cod.5



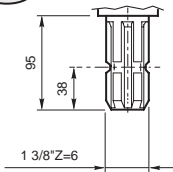
Y

cod.7



Y

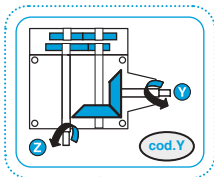
cod.01



Z

MF70

**Sensi di rotazione alberi / Shaft direction**



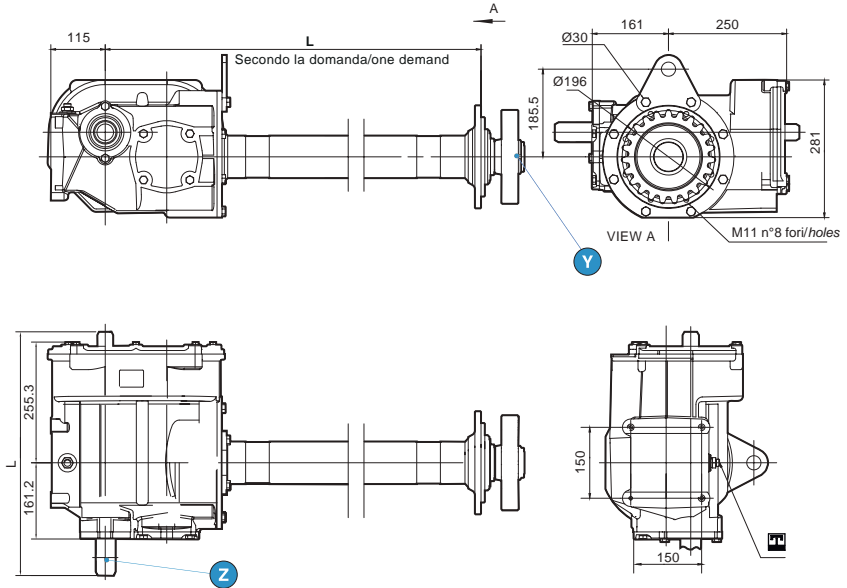
cod.Y

Denti elicoidali senza ruota libera  
Helical Teeth without Free Wheel

# MF130 cod.88



## Dimensioni / Dimensions

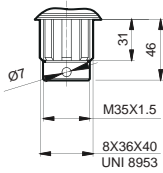


## Caratteristiche tecniche / Technical data

i	Input										
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Z</span>	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>i</sub> Kw(HP)	T <sub>i</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
1.87 1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.48</span>	540	289	97(132)	1711	3208	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Gear			Vedi pagina seguente See next page
2.29 1		540	236								

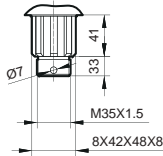
**Alberi / Shafts**

cod.0



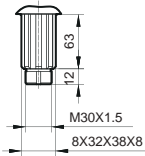
Y

cod.1



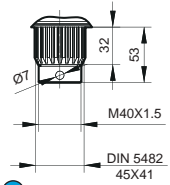
Y

cod.5



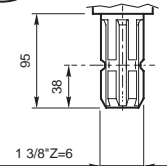
Y

cod.7



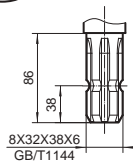
Y

cod.01



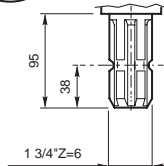
Z

cod.05



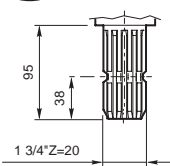
Z

cod.03



Z

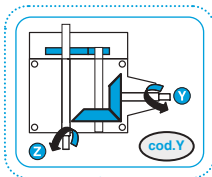
cod.43



Z




**MF130**

**Sensi di rotazione alberi / Shaft direction**



cod.Y

Denti elicoidali senza ruota libera  
Helical Teeth without Free Wheel

SERIE EM/EC		
<b>EM100</b>		116
<b>EM130</b>		118
<b>EC100</b>		120
<b>EC110</b>		122
<b>EC130</b>		124
<b>EC220</b>		126
<b>EC220C</b>		128
<b>EC300</b>		130
<b>EC300C</b>		132

Codifica/Code							
Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
<b>S</b>	<b>Y</b>	<b>E5</b>	<b>84</b>	<b>01</b>	<b>29</b>	<b>06</b>	<b>2</b>
S	Y	cod.E5 ↑ EC100 ..	cod.84 ↑ 1.75:1 ..	cod.01 ↑ 	cod.29 ↑ 	cod.06 ↑ 	cod.2 ↑ 0 1 2
		vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page				vedi pagine dedicate see dedicated page

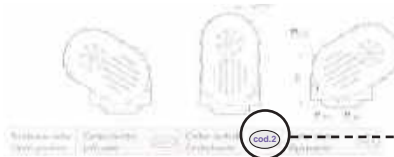


Preparazione Land prepar

Dimensioni Dimensions

Caratteristiche tecniche Technical data

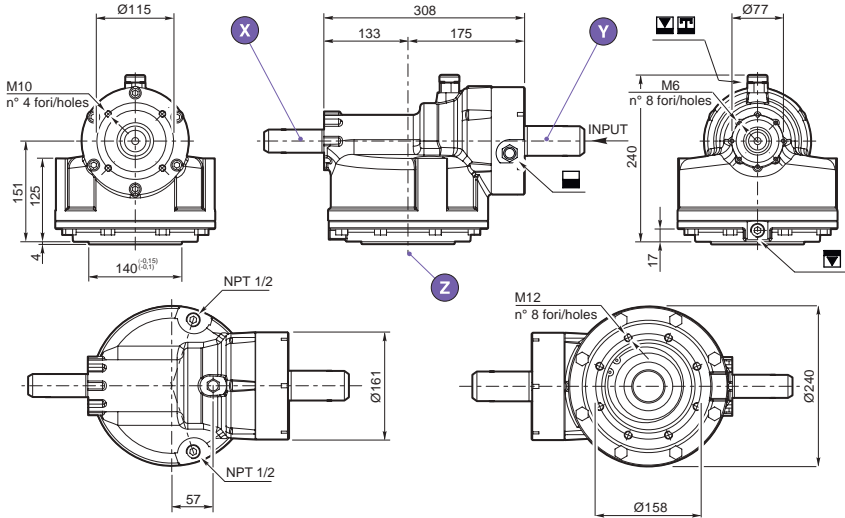
i	$n_1$	$n_2$	$P_1$	$T_{1m}$	$T_{2m}$	Materiali Materi
	[rpm]	[rpm]	[kW]	[Nm]	[Nm]	
3.25:1	cod.8					
4.0:1		2.00	20.4	4	450	400



# EM100 cod.E1



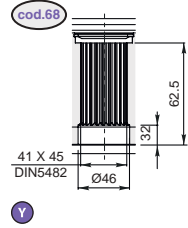
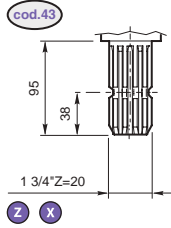
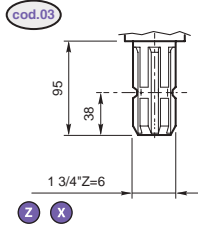
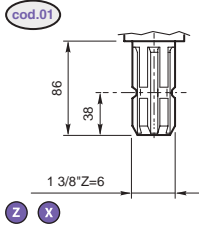
## Dimensioni / Dimensions



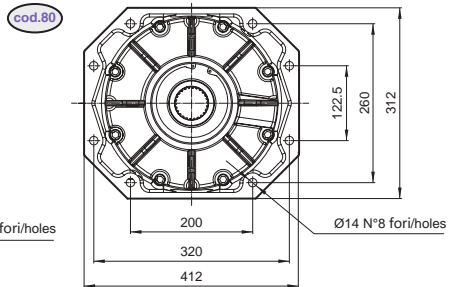
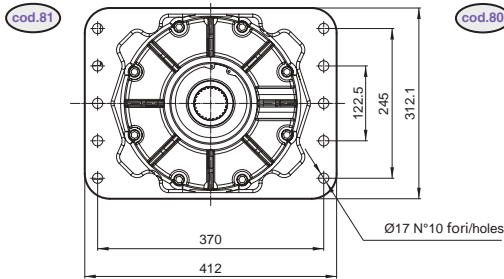
## Caratteristiche tecniche / Technical data

i	Input	Input		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
1.75:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.84</span>	540	309	60/82	1057	1850	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	40	2.6	Vedi pagina seguinte See next page
2.07:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.38</span>	540 1000	261 483	60/90 148/201	1150 1413	2379 2926					
2.60:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.68</span>	1000	385	75/102	711	1850					

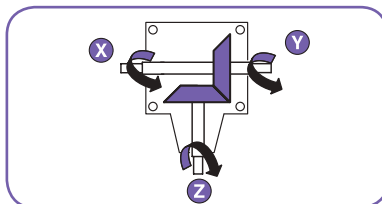
**Alberi / Shafts**



**Flangia / Flange**



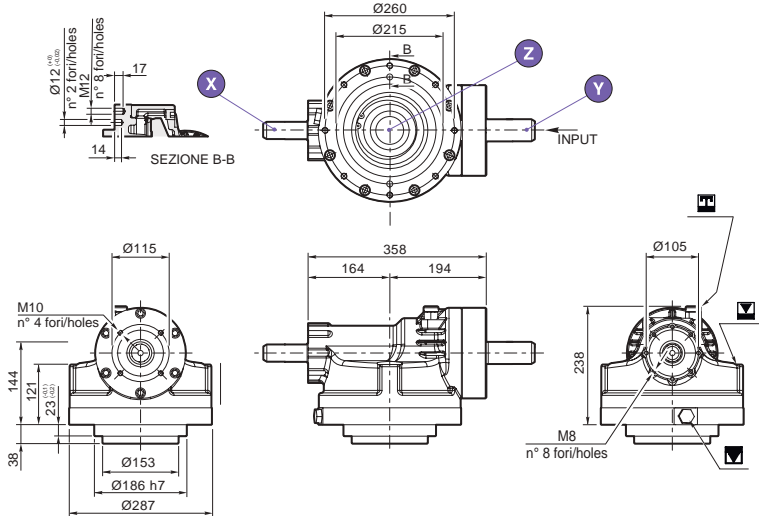
**Sensi di rotazione alberi / Shaft direction**



# EM130 cod.E2



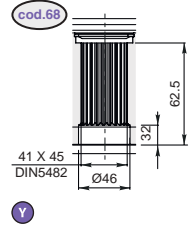
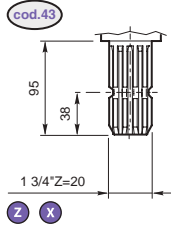
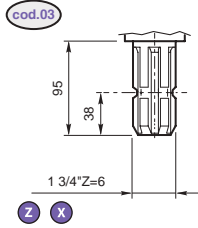
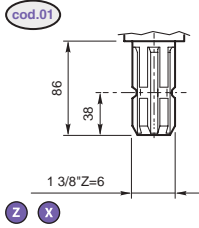
## Dimensioni / Dimensions



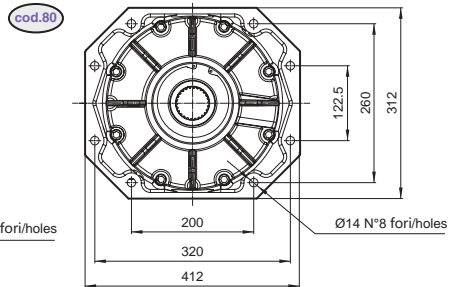
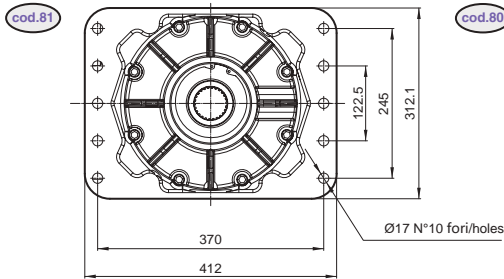
## Caratteristiche tecniche / Technical data

i	Input	Input		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
1.75:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.84</span>	540	309	81/110	1433	2507	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	63	3	Vedi pagina seguinte See next page
2.07:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.38</span>	540 1000	261 483	81/110 88/120	1433 840	2965 1740					
2.60:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.66</span>	1000	385	90/123	860	2235					

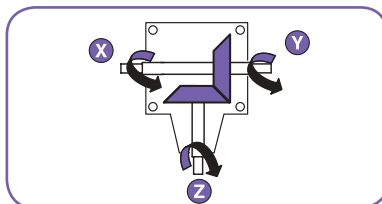
**Alberi / Shafts**



**Flangia / Flange**



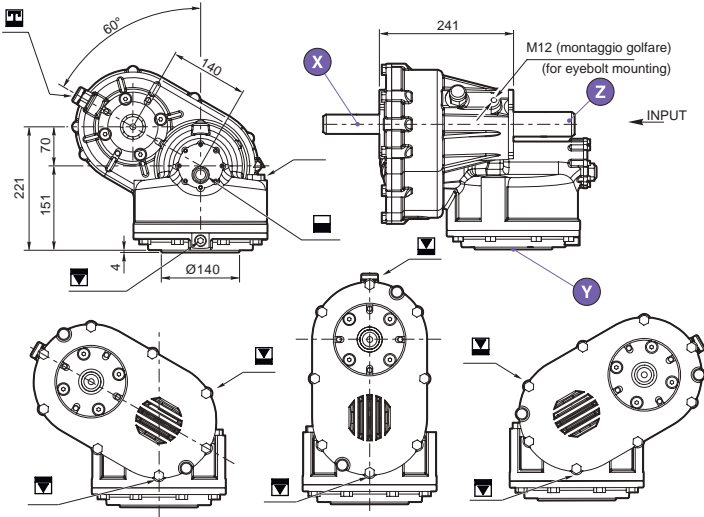
**Sensi di rotazione alberi / Shaft direction**



# EC100 cod.E5



## Dimensioni / Dimensions

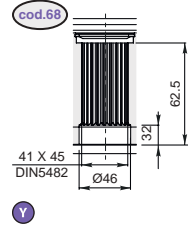
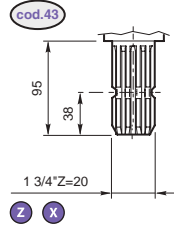
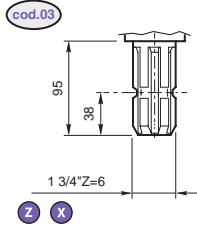
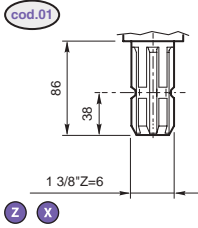


Montaggio Mounting	Montaggio sinistro <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.1</span> Left mounting	Montaggio centrale <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.2</span> Central mounting	Montaggio destro <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.0</span> Right mounting
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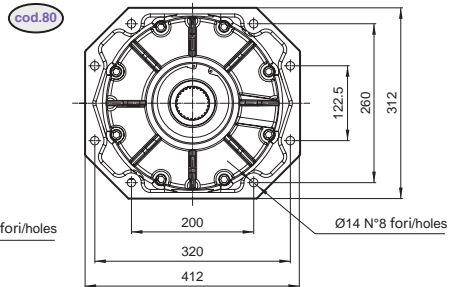
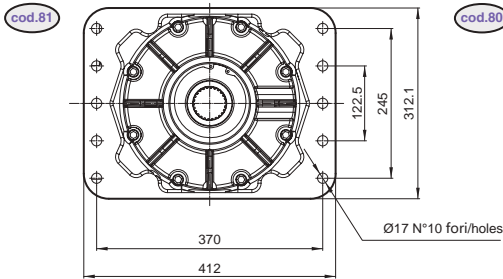
## Caratteristiche tecniche / Technical data

i	Input	Gears		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Z</span>	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
3.2:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.46</span>	1000	313	75/102	716	2292	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	63	3.0	Vedi pagina seguente See next page
2.9:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.29</span>	1000	345	80/108	764	2215					
1.9:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.30</span>	540	284	59/80	1043	1983					
1.75:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.84</span>	540	309	59/80	1043	1826					

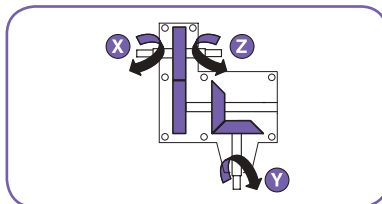
**Alberi / Shafts**



**Flangia / Flange**



**Sensi di rotazione alberi / Shaft direction**

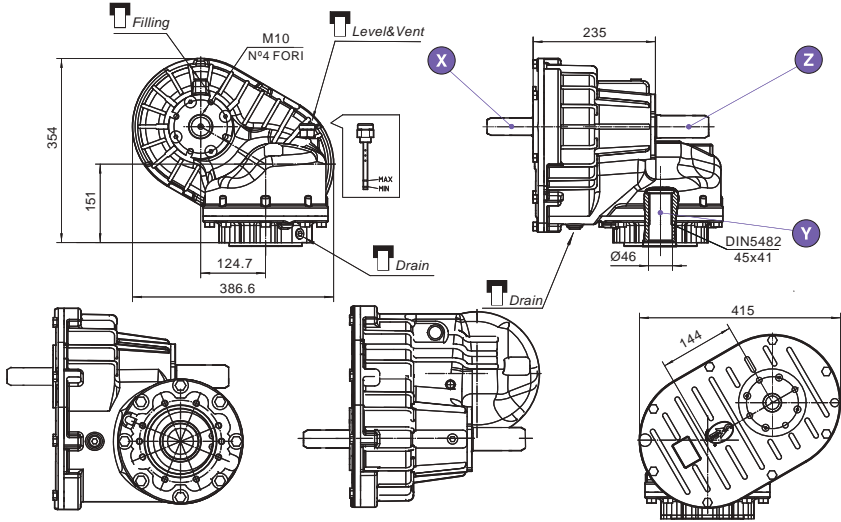




# EC110 cod.E4



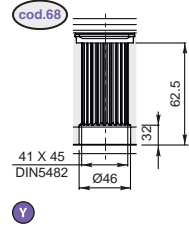
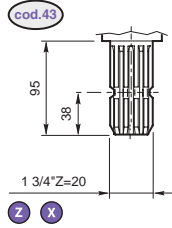
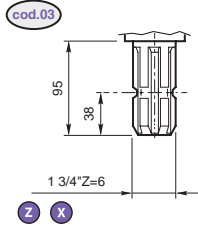
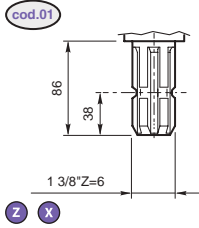
## Dimensioni / Dimensions



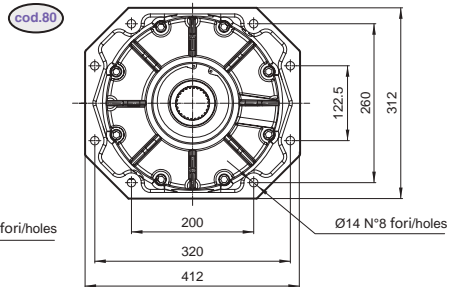
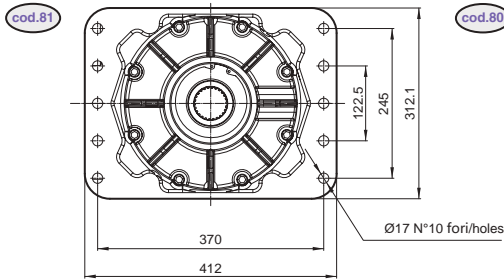
## Caratteristiche tecniche / Technical data

i	Input	Input		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
3.3:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.46</span>	1000	303	81/109	773	2553	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	69	3.0	Vedi pagina seguente See next page
2.93:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.29</span>	1000	341	81/109	773	2267					
2.46:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.46</span>	1000	407	81/109	773	1903					
2.07:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.38</span>	1000	483	81/109	967	2002					
1.75:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.84</span>	540	309	75/95	1256	2197					
1.47:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.13</span>	540	367	71/95	1256	1845					
1.3:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.63</span>	540	415	71/95	1256	1632					

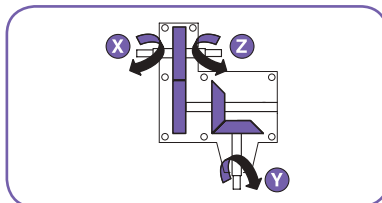
Alberi / Shafts



Flangia / Flange



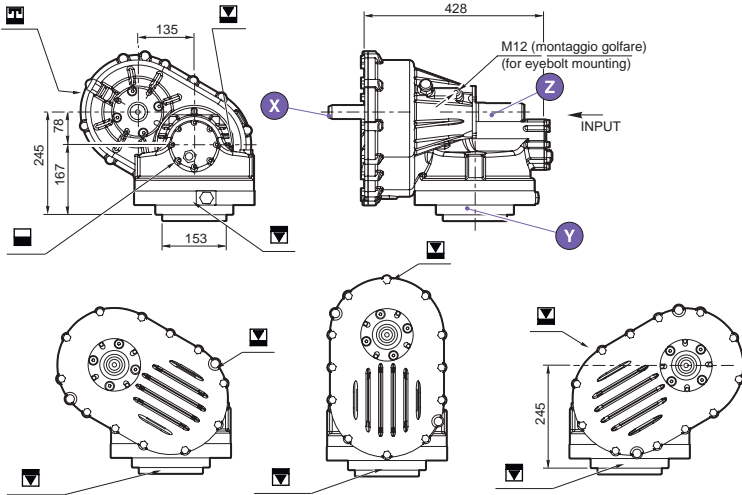
Sensi di rotazione alberi / Shaft direction



# EC130 cod.E4



## Dimensioni / Dimensions

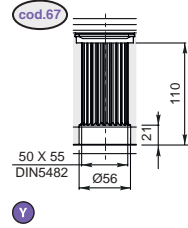
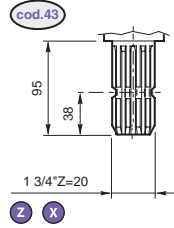
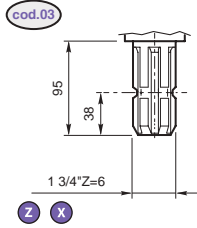
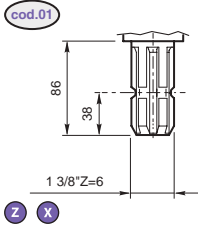


Montaggio Mounting	Montaggio sinistro Left mounting	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.1</span>	Montaggio centrale Central mounting	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.2</span>	Montaggio destro Right mounting	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.0</span>
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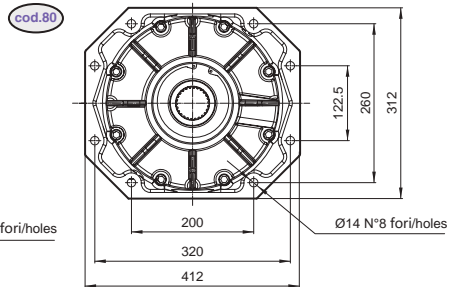
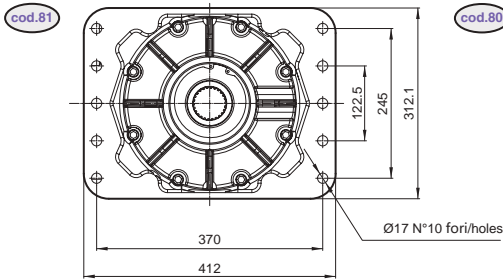
## Caratteristiche tecniche / Technical data

i	Input	Input		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
3.73:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.60</span>	1000	268	88/119.7	840	3135	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	104	4.0	Vedi pagina seguente See next page
2.98:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.62</span>	1000	337	88/119.7	840	2504					
2.57:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.64</span>	1000	386	88/119.7	840	2160					
2.07:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.38</span>	750 540	362 261	88/118 88/110	1121 1433	2320 2965					
1.67:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.61</span>	540	323	81/110	1433	2392					
1.44:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.63</span>	540	375	81/110	1433	2063					

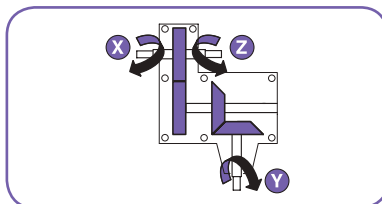
**Alberi / Shafts**



**Flangia / Flange**



**Sensi di rotazione alberi / Shaft direction**

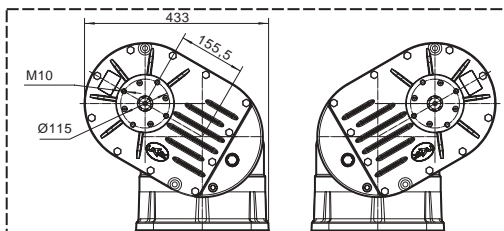
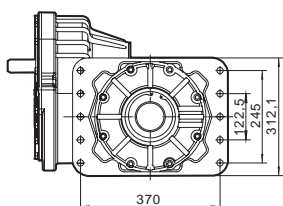
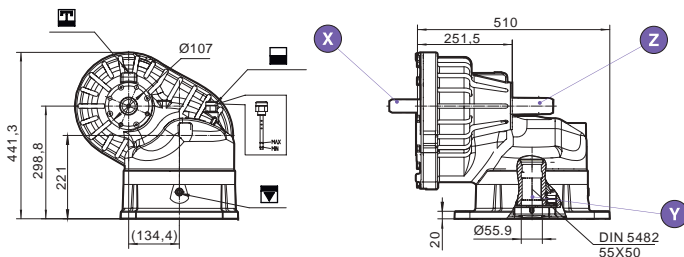




## EC220 cod.E8



### Dimensioni / Dimensions



Montaggio  
Mounting

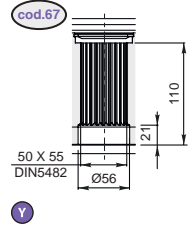
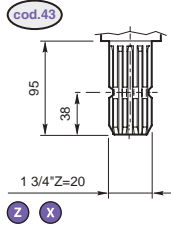
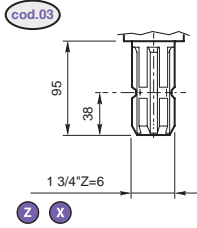
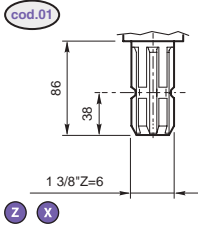
Montaggio sinistro  
Left mounting cod.1

Montaggio destro  
Right mounting cod.0

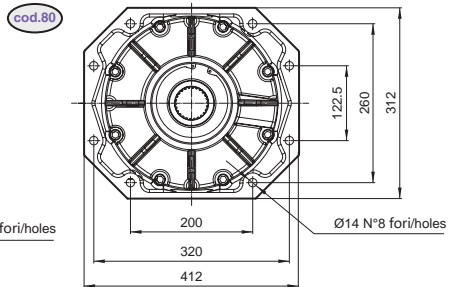
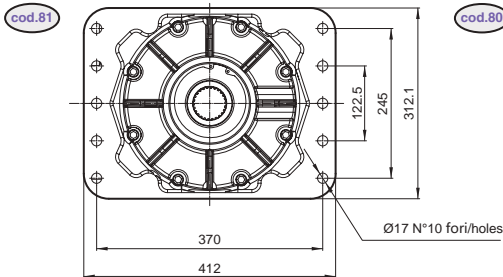
### Caratteristiche tecniche / Technical data

i	Input	Input		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">z</span>	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
2.57:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.64</span>	1000	389	158/212	1509	3879	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	104	4.0	Vedi pagina seguente See next page
2.07:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.38</span>	800	386	158/212	1886	3909					
2.07:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.38</span>	1000	483	220/300	2101	4349					
3.49:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.98</span>	1000	287	220/300	2101	7332					
2.45:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.65</span>	1000	408	220/300	2101	5147					

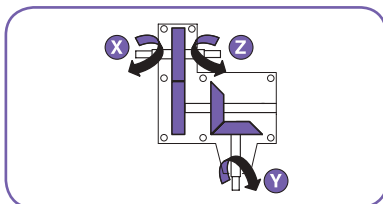
**Alberi / Shafts**



**Flangia / Flange**



**Sensi di rotazione alberi / Shaft direction**

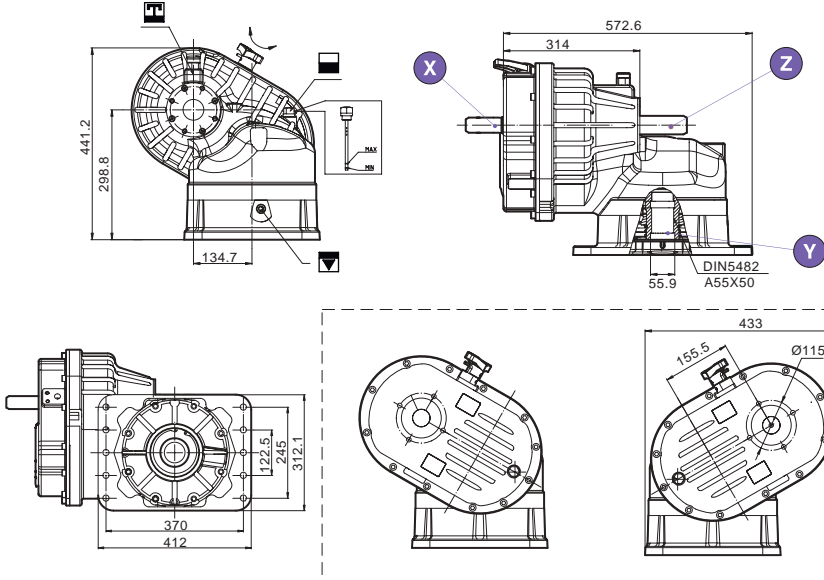




# EC220C cod.EA



## Dimensioni / Dimensions



Montaggio  
Mounting

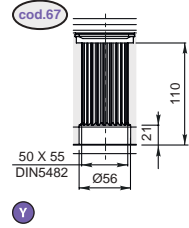
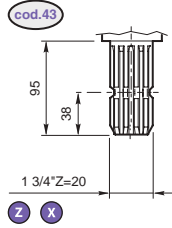
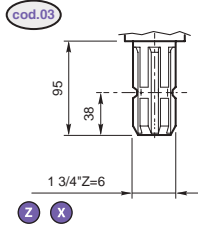
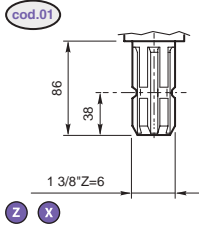
Montaggio sinistro  
Left mounting cod.1

Montaggio destro  
Right mounting cod.0

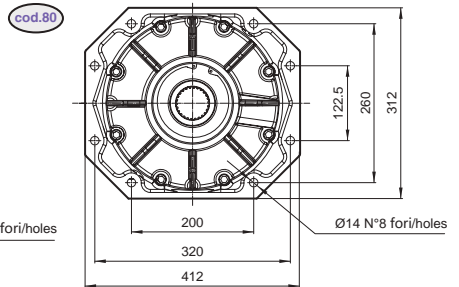
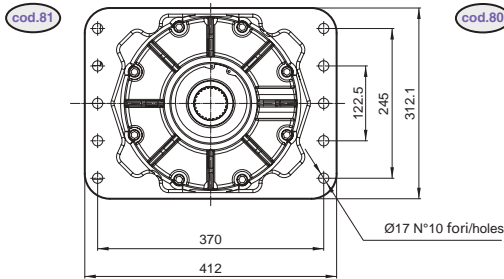
## Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	<small>cod.38</small>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)					
2.57:1	<small>cod.38</small>	1000	389	158/215	1509	3878	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	115	4.5	Vedi pagina seguinte See next page
2.07:1		800	386	158/215	1886	3904		Cilindrica denti dritti Cylindrical Straight Teeth			

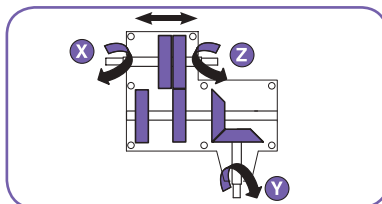
**Alberi / Shafts**



**Flangia / Flange**



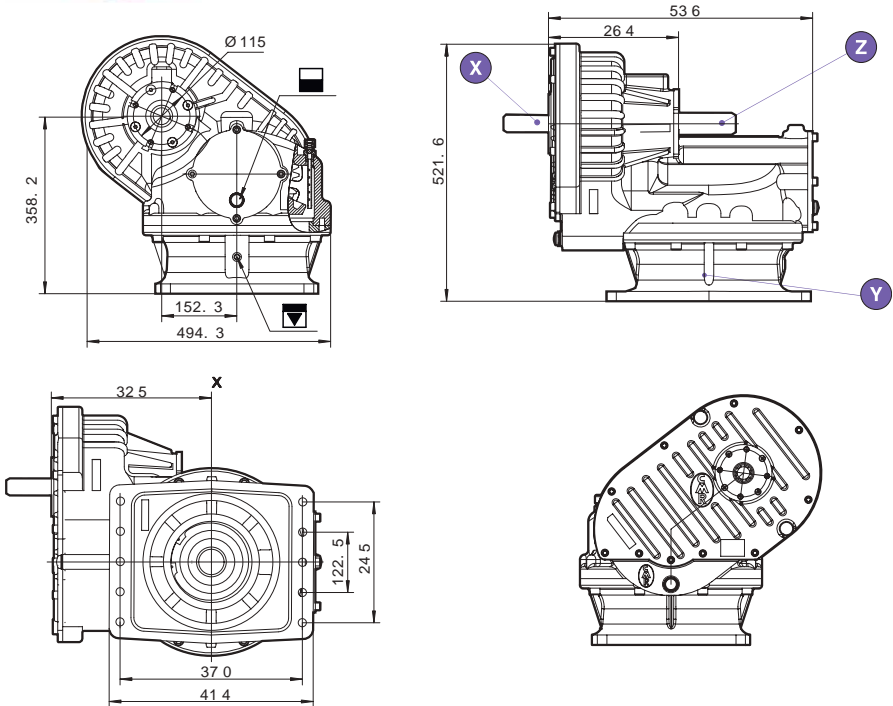
**Sensi di rotazione alberi / Shaft direction**



# EC300 cod.E7



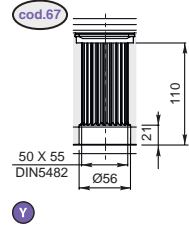
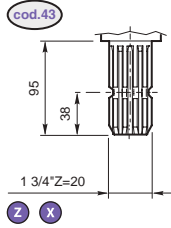
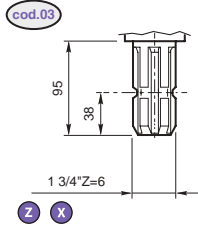
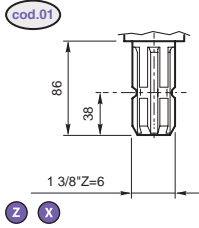
## Dimensioni / Dimensions



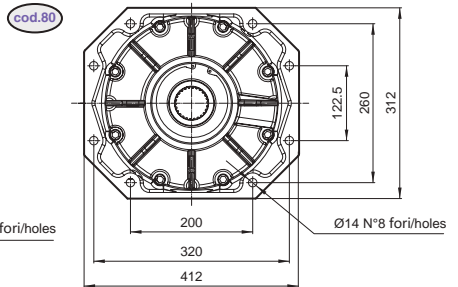
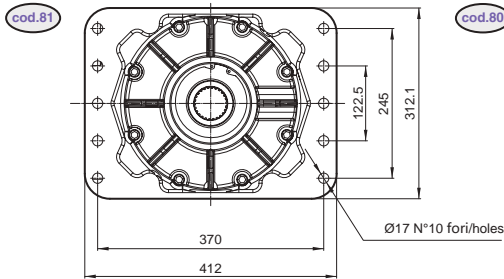
## Caratteristiche tecniche / Technical data

i	Input										
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Z</span>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
2.45:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.65</span>	1000	407	220/300	2101	5147	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	175	5.0	Vedi pagina seguente See next page
3.49:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.98</span>	1000	286	220/300	2101	7332		Cilindrica denti dritti Cylindrical Straight Teeth			
2.07:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.38</span>	1000 760	483 367	220/300 220/268	2101 2764	4349 5722					

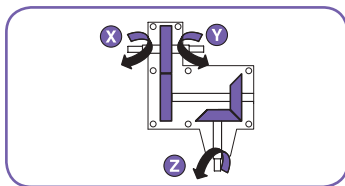
**Alberi / Shafts**



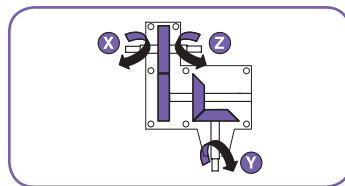
**Flangia / Flange**



**Sensi di rotazione alberi / Shaft direction**



Montaggio sinistro  
Left mounting **cod.01**

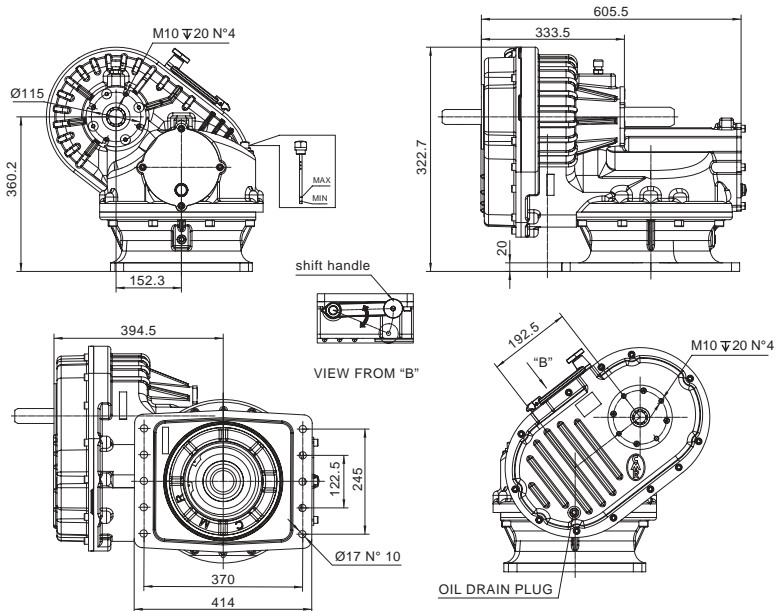


Montaggio destro  
Right mounting **cod.0**

# EC300C cod.EB



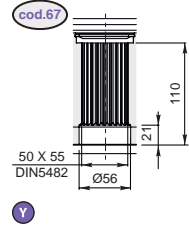
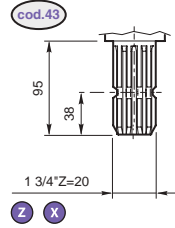
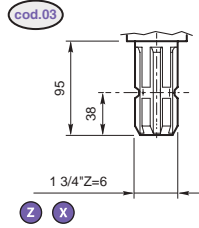
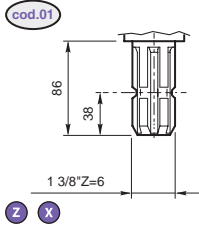
## Dimensioni / Dimensions



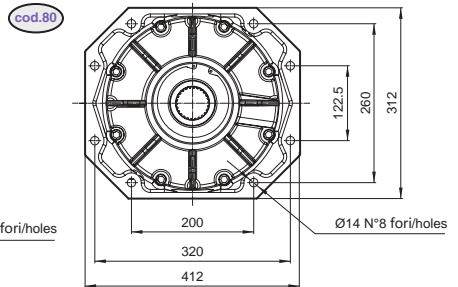
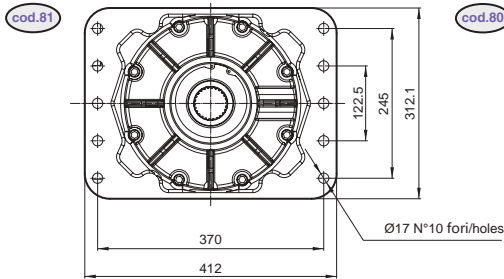
## Caratteristiche tecniche / Technical data

i	Input	Input		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
2.45:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.EB</span>	1000	407	220/300	2101	5147	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	185	5.5	Vedi pagina seguinte See next page
2.07:1		1000 760	483 367	220/300 220/268	2101 2764	4349 5722					

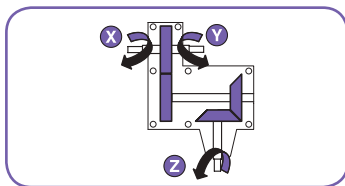
**Alberi / Shafts**



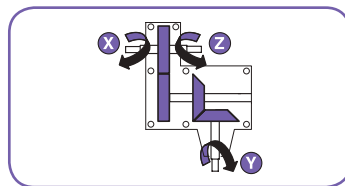
**Flangia / Flange**



**Sensi di rotazione alberi / Shaft direction**








Montaggio sinistro  
Left mounting **cod.01**



Montaggio destro  
Right mounting **cod.0**

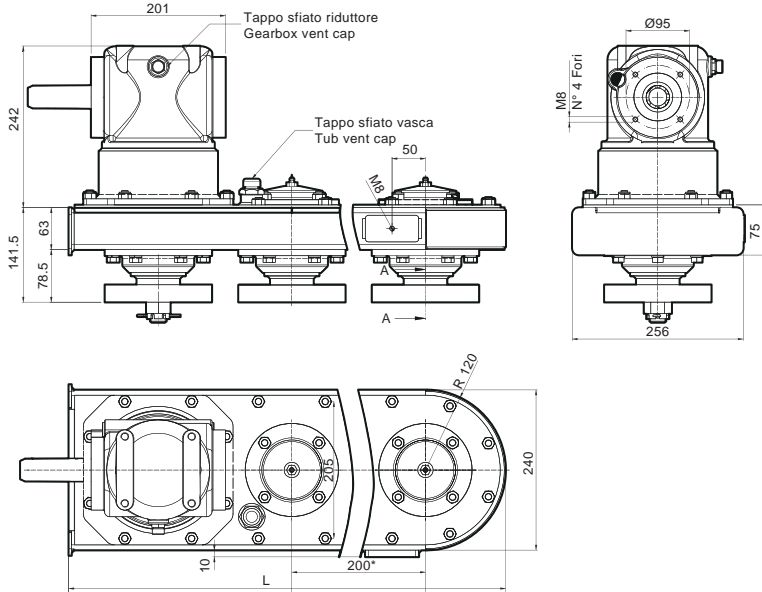


SERIE PH			
<b>PH40L</b>		136	
<b>PH40</b>		138	
<b>PH100</b>		140	
<b>PH130</b>		142	
<b>PH160</b>		144	

# PH40L cod.I



## Dimensioni / Dimensions

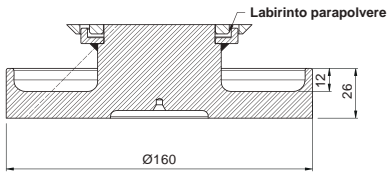


## Caratteristiche tecniche / Technical data

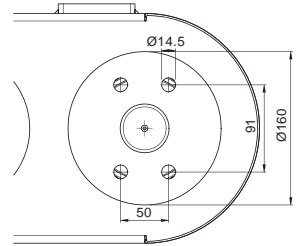
Modello model	Altezza thickness T	Interasse fori flangia width I	Riduttore gearbox	Rapporto ratio	Lunghezza length L	Numero Rotori rotor No.	Tipo Fissaggio Denti fixing blade type
PH40L	63	240	EM40	1.46:1	0.65m	3	Dente fisso Fix blade
					0.85m	4	
					1.05m	5	

**Fasatura portadenti / Knife housing timing**

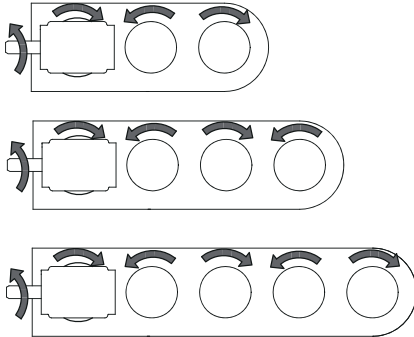
**SEZIONE A-A**



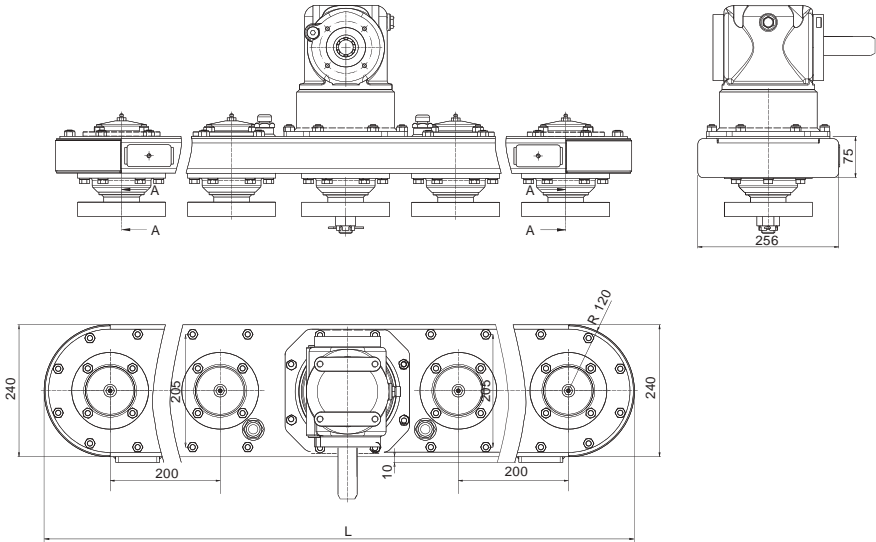
**Vista da "A"**



**Sensi di rotazione alberi / Shaft direction**

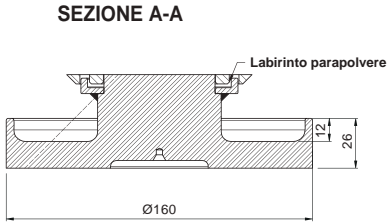


# PH40 cod.I

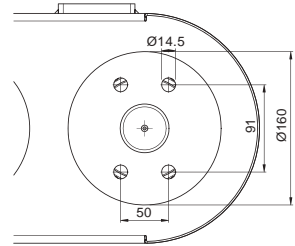

**Dimensioni / Dimensions**

**Caratteristiche tecniche / Technical data**

Modello model	Altezza thickness T	Interasse fori flangia width I	Riduttore gearbox	Rapporto ratio	Lunghezza length L	Numero Rotori rotor No.	Tipo Fissaggio Denti fixing blade type
PH40	63	240	EM40	1.46:1	1.04m	5	Dente fisso Fix blade
					1.24m	6	
					1.44m	7	
					1.64m	8	

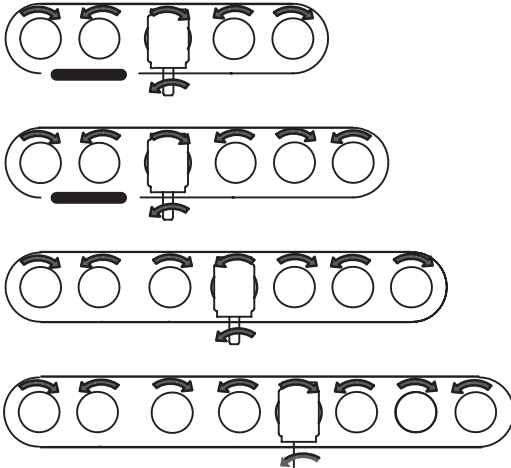
**Fasatura portadenti / Knife housing timing**



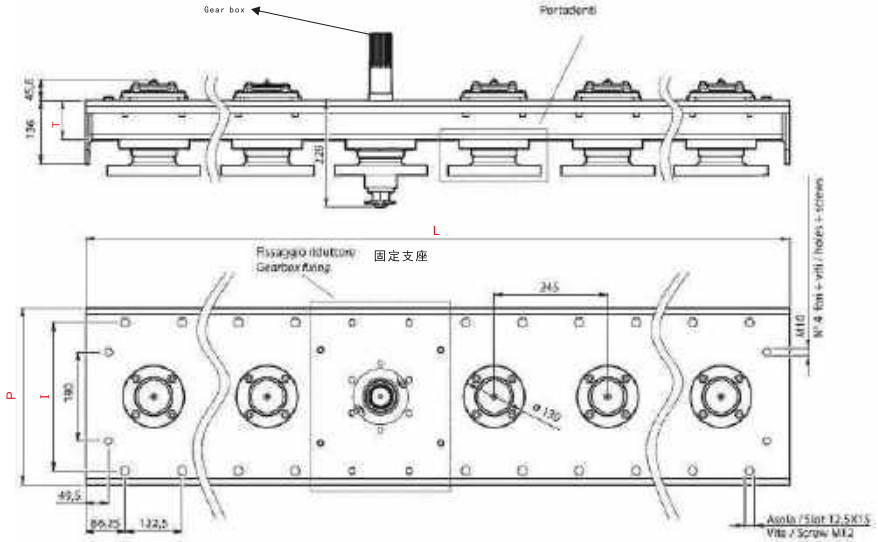
**Vista da "A"**



**Sensi di rotazione alberi / Shaft direction**

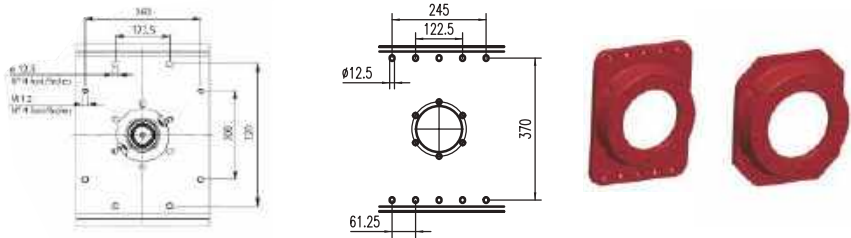


# PH100 cod.L

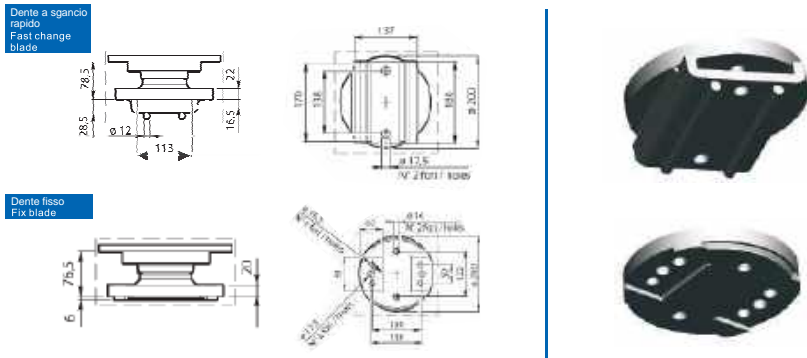

**Dimensioni / Dimensions**

**Caratteristiche tecniche / Technical data**

Modello model	Altezza thickness T	Interasse fori flangia width I	Larghezza P	Riduttore gearbox	Rapporto ratio	Lunghezza length L	Numero Rotori rotor No.	Tipo Fissaggio Denti fixing blade type
PH100	83.5	320	380	EC100 EM100 EC130 EM130 EC110 EC220	2.07:1	1.5m	6	Dente fisso Fix blade
					2.57:1	2m	8	Dente a sgancio rapido Fast change blade
						2.5m	10	
					2.9:1	3m	12	

**Tipo fissaggio riduttore / Gearbox fixing type**



**Fasatura portadenti / Knife housing timing**



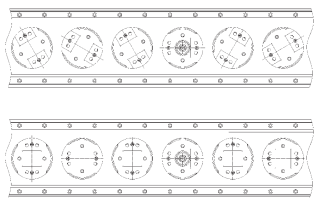
Dente a sgancio rapido  
Fast change blade

Dente fisso  
Fix blade

PH100

**TIPOLOGIA DI FASATURA DEI DENTI  
DIFFERENT FACE OF BLADE SUPPORT**

- cod.1** ortogonale a 90° orthogonal at 90°
- cod.2** elicoidale helical



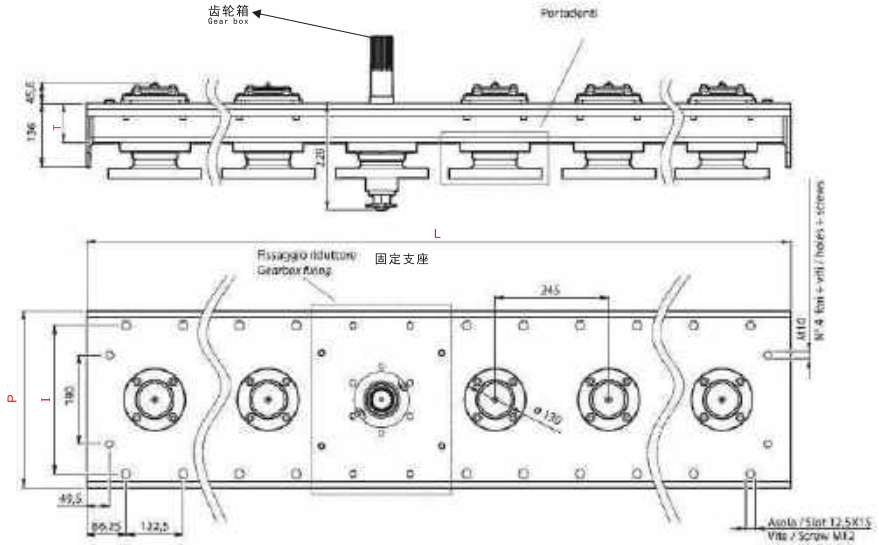
**SISTEMA PARAPIETRE (OPZIONALE)  
STONE PROTECTION**



# PH130 cod.M



## Dimensioni / Dimensions



## Caratteristiche tecniche / Technical data

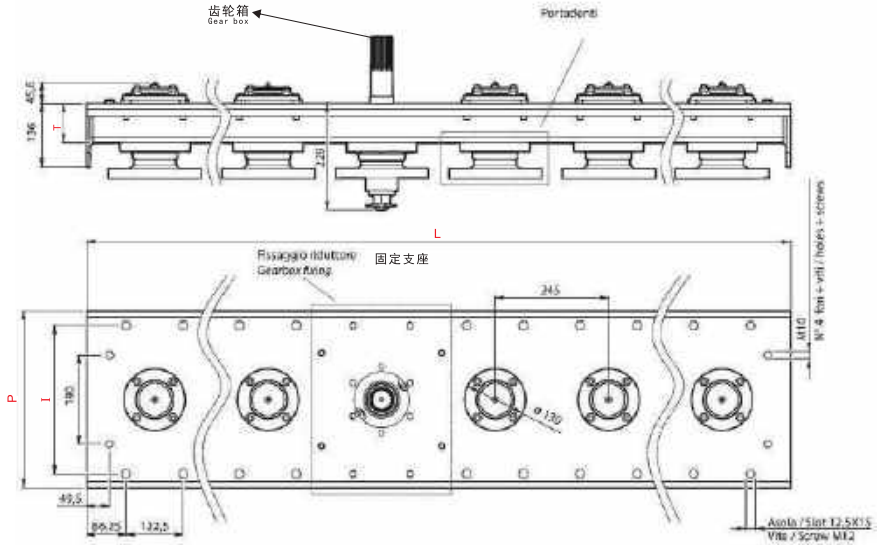
Modello model	Altezza thickness T	Interasse fori flangia width I	Larghezza P	Riduttore gearbox	Rapporto ratio	Lunghezza length L	Numero Rotori rotor No.	Tipo Fissaggio Denti fixing blade type
PH130	110	320	380	EC100 EC130 EC220 EC300 EM130	2.07:1	2.5m	10	Dente fisso Fix blade
		370	430		2.45:1	3m	12	Dente a sgancio rapido Fast change blade
					2.57:1	3.5m	14	



# PH130H cod.H



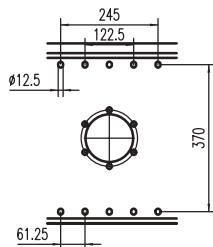
## Dimensioni / Dimensions



## Caratteristiche tecniche / Technical data

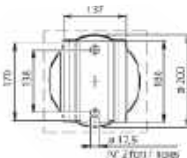
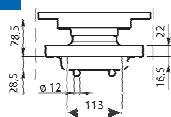
Modello model	Altezza thickness T	Interasse fori flangia width I	Larghezza P	Riduttore gearbox	Rapporto ratio	Lunghezza length L	Numero Rotori rotor No.	Tipo Fissaggio Denti fixing blade type
PH130H	110	370	430	EC130	2.07:1	2.5m	10	Dente fisso Fix blade
				EC200	2.45:1	3m	12	Dente a sgancio rapido Fast change blade
				EC300		3.5m	14	
					2.57:1	4m	16	

Tipo fissaggio riduttore / Gearbox fixing type

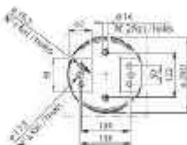


Fasatura portadenti / Knife housing timing

Dente a sgancio rapido  
Fast change blade



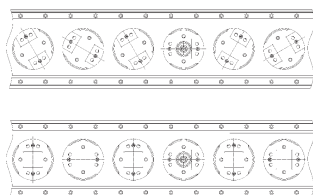
Dente fisso  
Fix blade



PH130H

TIPOLOGIA DI FASATURA DEI DENTI  
DIFFERENT FACE OF BLADE SUPPORT

- cod.1** ortogonale a 90° orthogonal at 90°
- cod.2** elicoidale helical

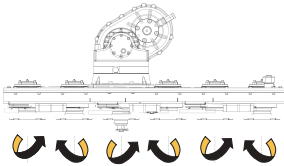


SISTEMA PARAPIETRE (OPZIONALE)  
STONE PROTECTION

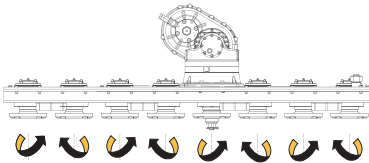




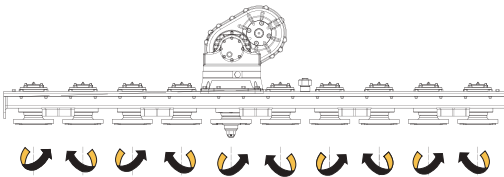
**Sensi di rotazione alberi / Shaft direction**



PH100 1.5m  
PH130 1.5m

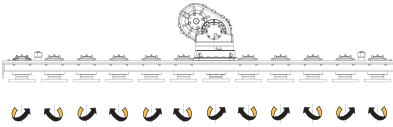


PH100 2m  
PH130 2m

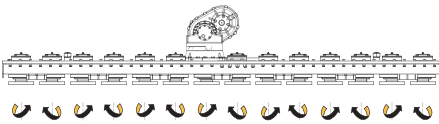


PH100 2.5m  
PH130 2.5m

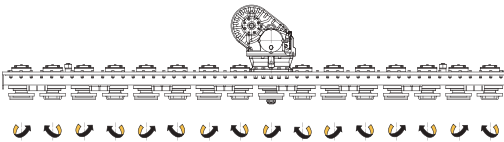
**Sensi di rotazione alberi / Shaft direction**






PH130H 3m



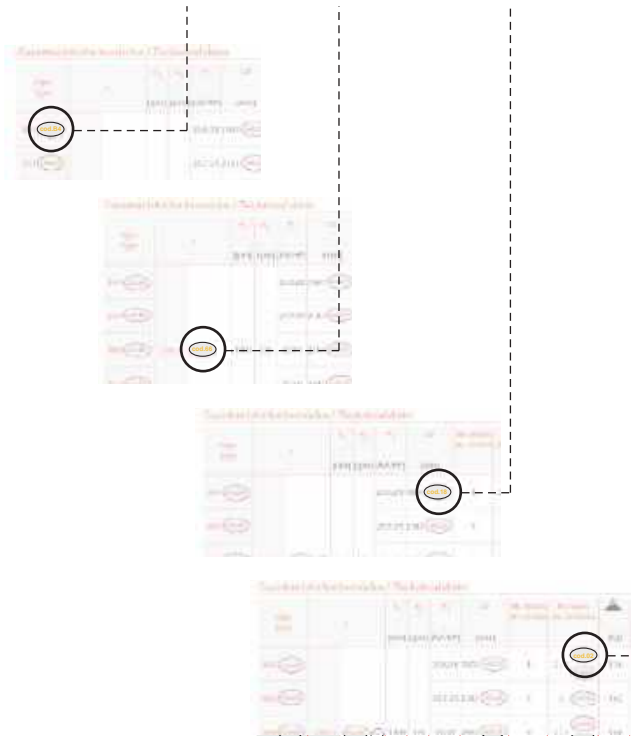
PH130H 3.5m



PH130H 4m

SERIE B		
<b>B</b>		150
<b>BF</b>		152
<b>BA</b>		154

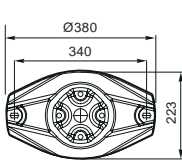
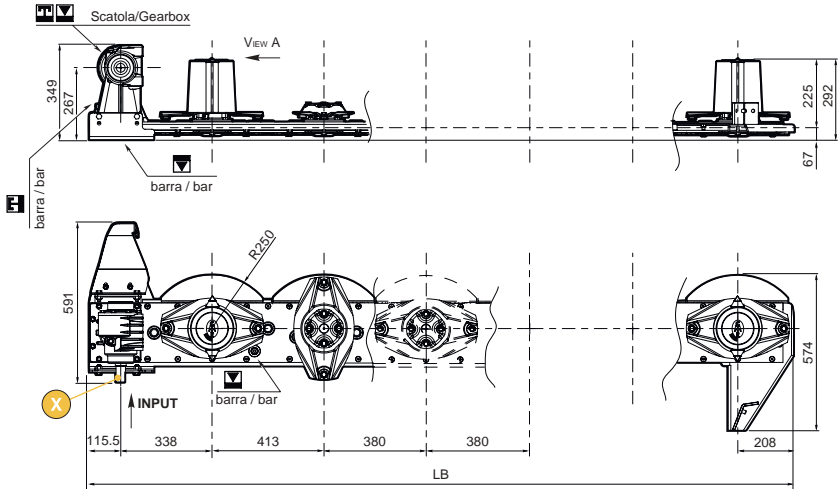
Codifica/Code						
Settore Area	Tipo Type	Scatola Box	i	Lunghezza Length L	Numero lame Number of blade	Numero progressivo Sequential number
<b>S</b>	<b>T</b>	<b>B04</b>	<b>XX</b>	<b>18</b>	<b>02</b>	<b>123</b>
S	T	cod.B04	cod.66	cod.18 ↑ 1801		...
		pag. dedicate dedicated pag.	pag. dedicate dedicated pag.	pag. dedicate dedicated pag.	pag. dedicate dedicated pag.	



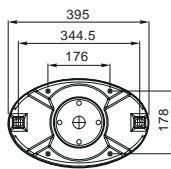
**B** cod.B



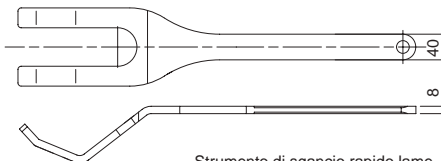
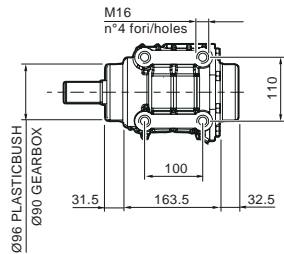
**Dimensioni / Dimensions**



Disco bilama fisso  
2 Blade Disc



Disco sgancio rapido a 2 lame  
2 Blades Quick-release Disc

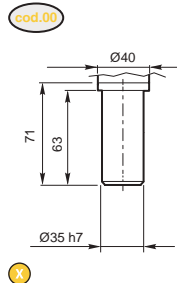
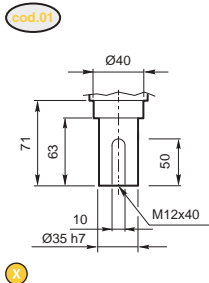


Strumento di sgancio rapido lame  
Blades Quick-release Tool

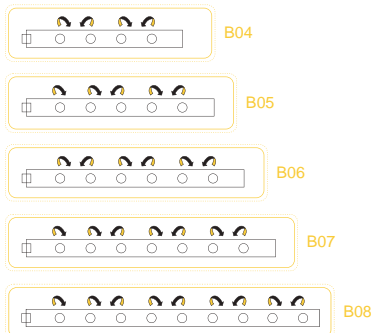
## Caratteristiche tecniche / Technical data

Type	i	Input		P <sub>1</sub> Kw(HP)	Numero Dischi Nr.of discs	Numero di lamini per disco Nr.of blade	KG	Scatola Gearbox (l)	Barra Bar (l)	Lunghezza LB (mm)
		Z	n <sub>1</sub> rpm input							
B04 <small>cod.B0</small>	1:2.66	<small>cod.B0</small>	1000	2660	21/28	4	2-3 <small>cod.02</small> <small>cod.03</small>	155		2.5 <small>cod.10</small>
B05 <small>cod.B0</small>					26/35	5	2 <small>cod.02</small>			3.0 <small>cod.20</small>
B06 <small>cod.B0</small>					30/41	6	2-3 <small>cod.02</small> <small>cod.03</small>			3.5 <small>cod.20</small>
B07 <small>cod.B0</small>					36/49	7	2 <small>cod.20</small>			4.0 <small>cod.20</small>
B08 <small>cod.B0</small>					41/56	8	2-3 <small>cod.20</small> <small>cod.30</small>			4.5 <small>cod.30</small>

## Alberi / Shafts



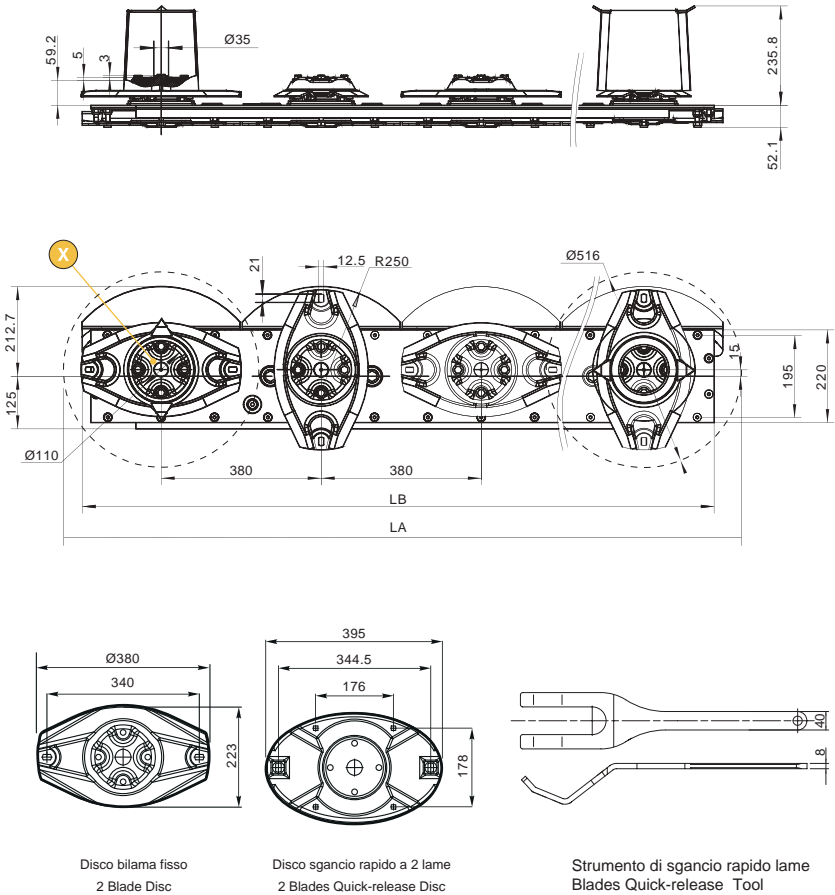
## Sensi di rotazione alberi / Shaft direction



**BF** cod.F



**Dimensioni / Dimensions**



Disco bilama fisso  
2 Blade Disc

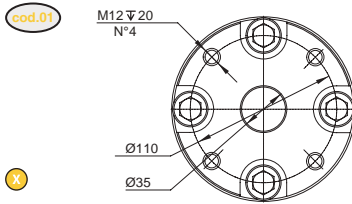
Disco sgancio rapido a 2 lame  
2 Blades Quick-release Disc

Strumento di sgancio rapido lame  
Blades Quick-release Tool

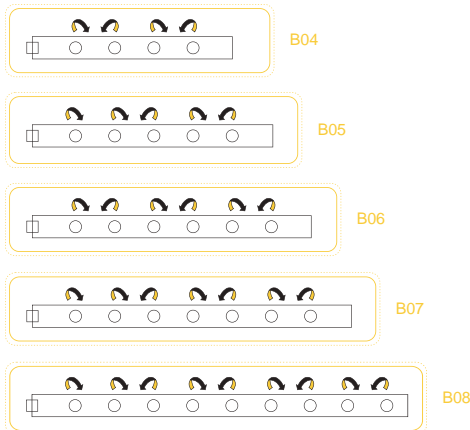
## Caratteristiche tecniche / Technical data

Type	i	Input		P <sub>1</sub> Kw(HP)	Lunghezza LB (mm)	Larghezza di taglio LA (mm)	Numero Dischi Nr. of discs	Numero di lamini per disco Nr. of blade	KG	Barra Bar (Ø)	
		⊙ n <sub>1</sub> rpm input	⊙ n <sub>2</sub> rpm output								
B05 <small>(cod.Fs)</small>	1:1	<small>(cod.06)</small>	3000	3000	60(82)	1928	2069	5	2	124	2.5
B06 <small>(cod.Fs)</small>						2275	2416	6	2	142	3.0
B07 <small>(cod.Fs)</small>						2668	2829	7	2	164	3.5
B08 <small>(cod.Fs)</small>						3035	3176	8	2	184	4.0
B09 <small>(cod.Fs)</small>						3514	3589	9	2	204	4.5

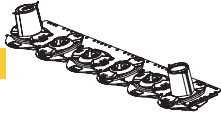
## Alberi / Shafts



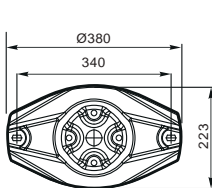
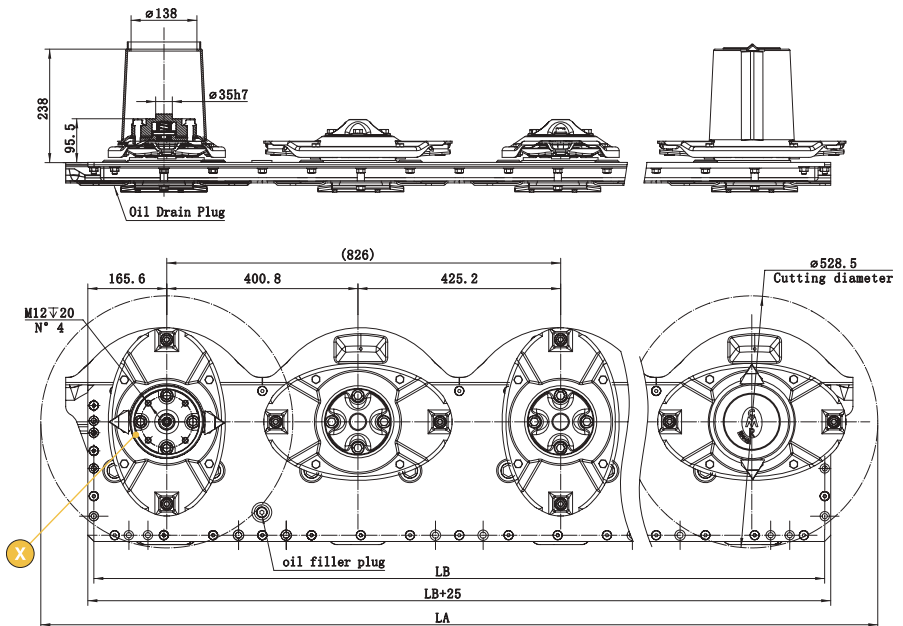
## Sensi di rotazione alberi / Shaft direction



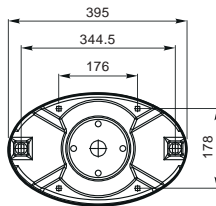
**BA** (cod.A)



**Dimensioni / Dimensions**



Disco bilama fisso  
2 Blade Disc



Disco sgancio rapido a 2 lame  
2 Blades Quick-release Disc

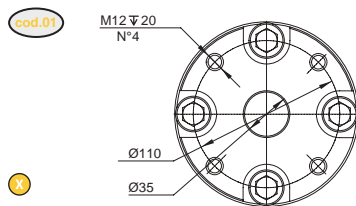


Strumento di sgancio rapido lame  
Blades Quick-release Tool

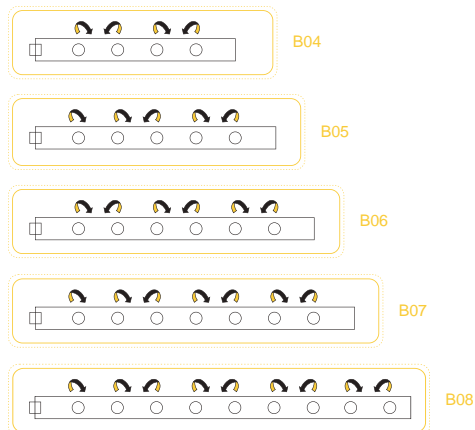
## Caratteristiche tecniche / Technical data

Type	i	Input		P <sub>1</sub> Kw(HP)	Lunghezza LB (mm)	Larghezza di taglio LA (mm)	Numero Dischi Nr. of discs	Numero di lamini per disco Nr. of blade	KG	Barra Bar (Ø)	
		⊙	n <sub>1</sub> rpm input								n <sub>2</sub> rpm output
B05 <small>(cod.Fs)</small>	1:1	<small>(cod.06)</small>	3000	3000	85(115)	1946	2169	5	2	190	3.0
B06 <small>(cod.Fs)</small>						2359	2582	6	2	216	3.6
B07 <small>(cod.Fs)</small>						2772	2995	7	2	252	4.2
B08 <small>(cod.Fs)</small>						3185	3408	8	2	288	4.0
B09 <small>(cod.Fs)</small>						3598	3821	9	2	324	5.4

## Alberi / Shafts



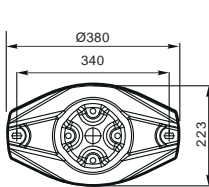
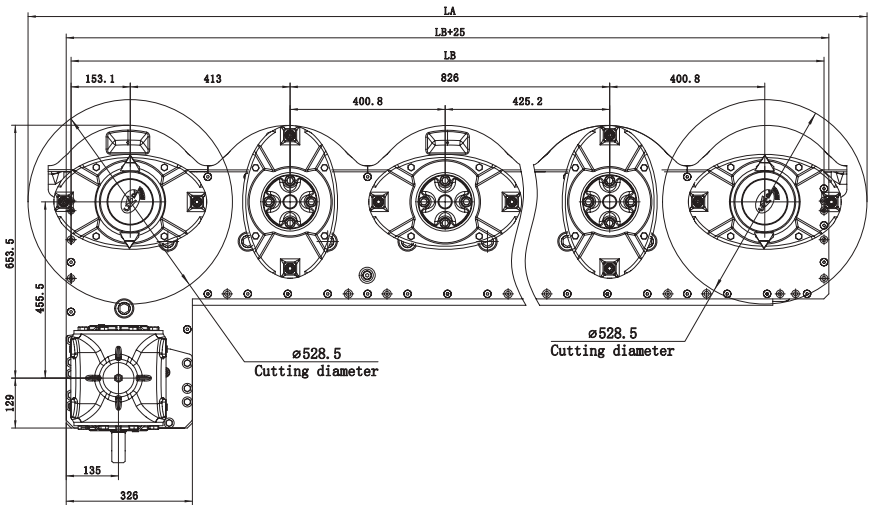
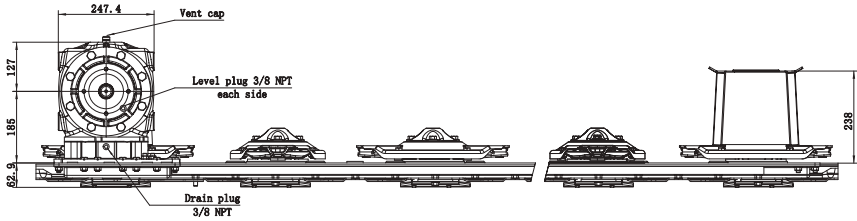
## Sensi di rotazione alberi / Shaft direction



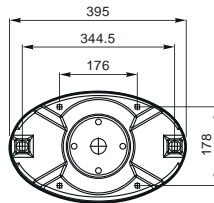
**BA** (cod.A)



**Dimensioni / Dimensions**



Disco bilama fisso  
2 Blade Disc



Disco sgancio rapido a 2 lame  
2 Blades Quick-release Disc

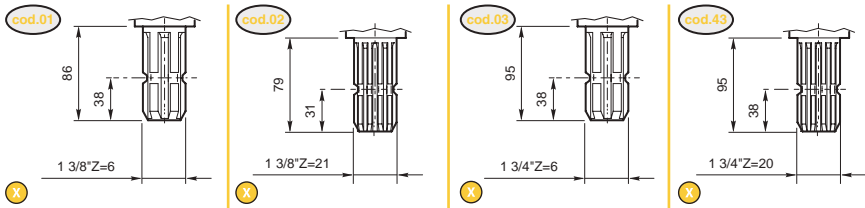


Strumento di sgancio rapido lame  
Blades Quick-release Tool

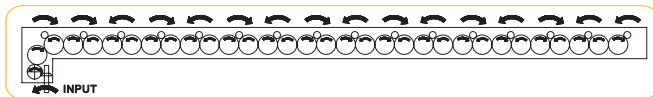
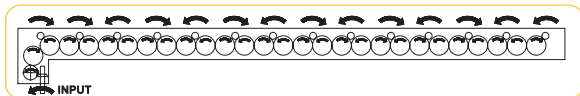
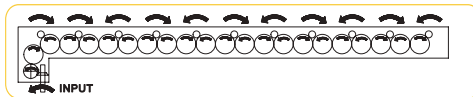
## Caratteristiche tecniche / Technical data

Type	i	Input				Lunghezza LB (mm)	Larghezza di taglio LA (mm)	Numero Dischi Nr. of discs	Numero di lamini per disco Nr. of blade		KG		Barra Bar (l)		
			$n_1$ rpm input											$n_2$ rpm output	$P_1$ Kw(HP)
B11 <small>(cod.Ax)</small>	1:3.2	<small>(cod.00)</small>	1000	3200	100(136)	4436.5	4647	11	2		440		6.6		
B12 <small>(cod.Ax)</small>						4837	5060	12	2					500	7.2
B14 <small>(cod.Ax)</small>						5663	5886	13	2					550	8.4
B16 <small>(cod.Ax)</small>						6489	6712	14	2					622	9.6

## Alberi / Shafts



## Sensi di rotazione alberi / Shaft direction



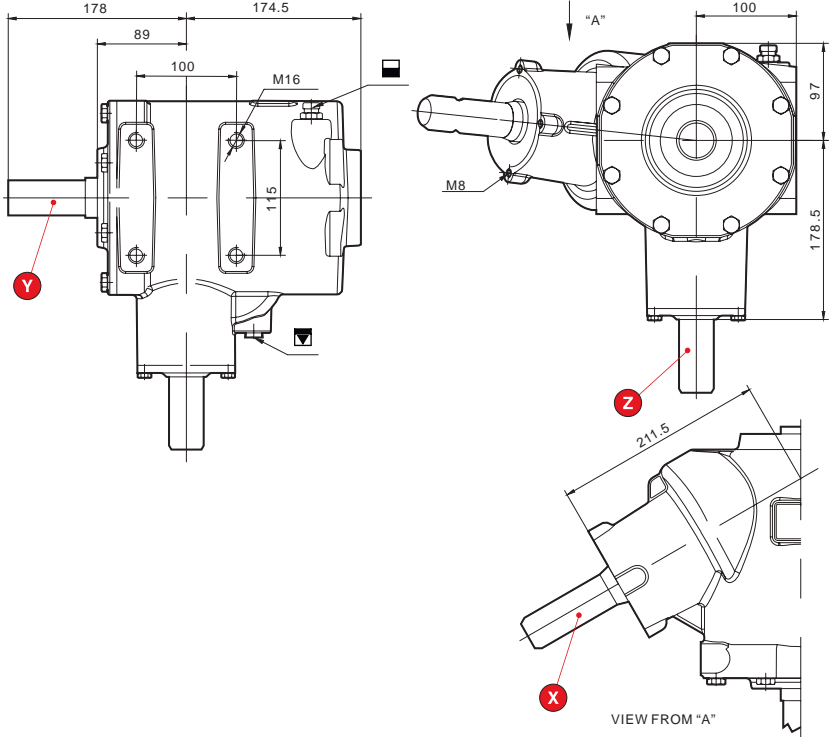


**SERIE N****N80****160**

**N-80** (cod.N8)



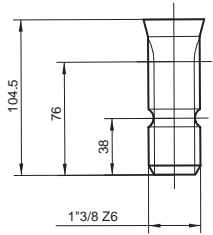
**Dimensioni / Dimensions**



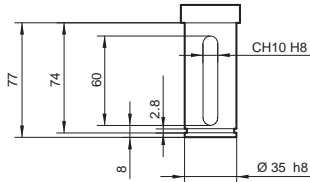
**Caratteristiche tecniche / Technical data**

i	Input	Input/Output		Power/Torque		Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
	X	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)					
1:1.35	cod.1A	730	986	60.3(82)	789	584	Gleason denti dritti Gleason Helical teeth Cilindrica denti dritti Cylindrical straight teeth	39	1.8	Vedi pagina seguente See next page
1:4.05		730	2957	60.3(82)	789	195				

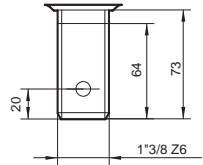
**Alberi / Shafts**



X



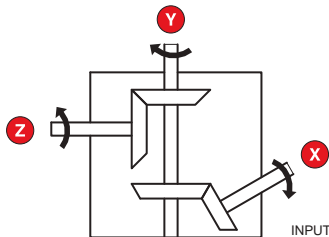
Y





Z

N-80

**Sensi di rotazione alberi / Shaft direction**





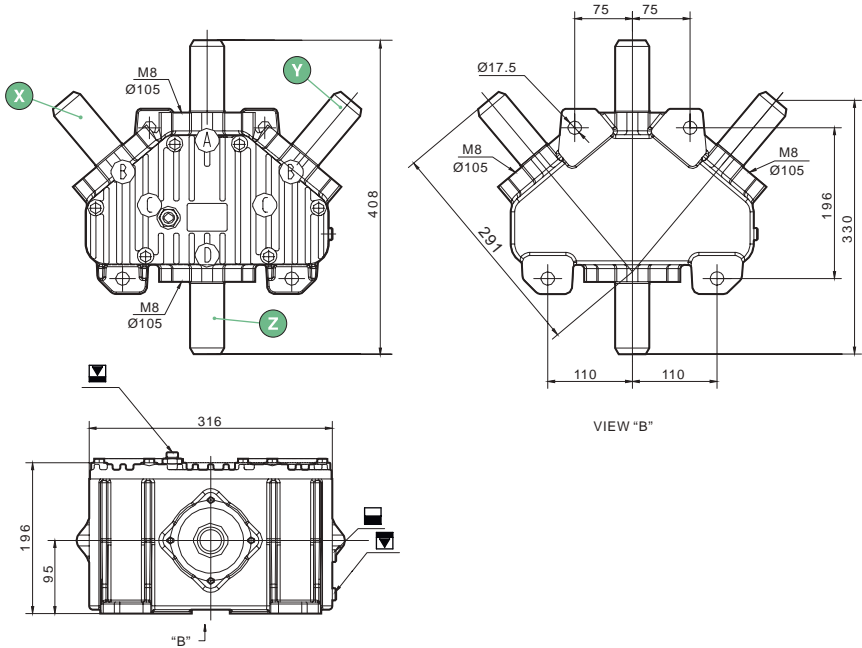
SERIE M		
<b>M-25</b>	 Decespugliatori Rotary cutters	<b>164</b>
<b>M-35</b>	 Decespugliatori Rotary cutters	<b>166</b>



**M-25** (cod.M0)



**Dimensioni / Dimensions**

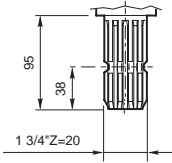


**Caratteristiche tecniche / Technical data**

i	Input										
	X	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Material Material	Dentatura Toothing	KG	LT	Alberi Shafts
1:1.2	X	540	648	92(125)	1627	1355	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth			Vedi pagina seguente See next page
1.2:1	X	1000	833	92(125)	878	1055					

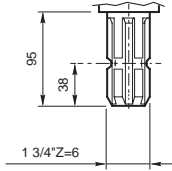
**Alberi / Shafts**

cod.43



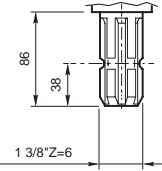
X Y Z

cod.03



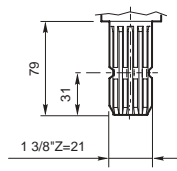
X Y Z

cod.01



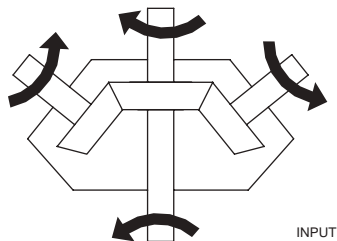
X Y Z

cod.02



X Y Z

**Sensi di rotazione alberi / Shaft direction**

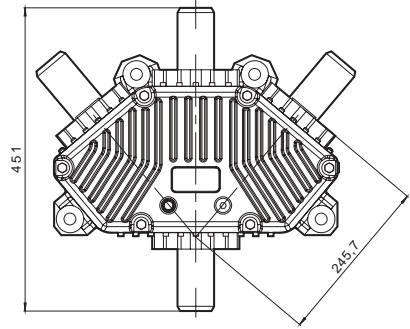
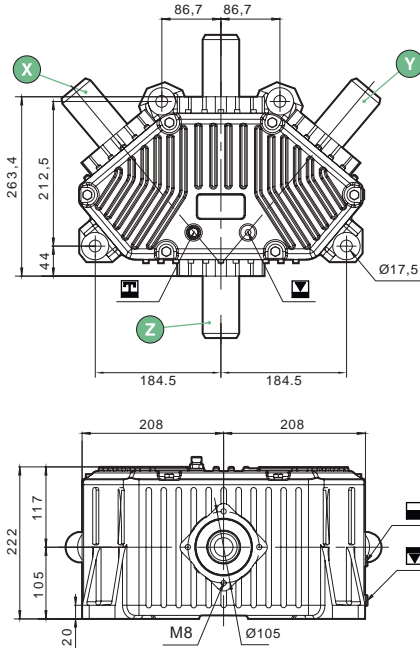




**M-35** (cod.61)



**Dimensioni / Dimensions**

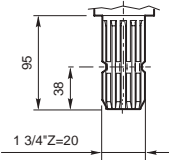


**Caratteristiche tecniche / Technical data**

i	Input	Shafts		Gear			Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	 n <sub>1</sub> rpm input	 n <sub>2</sub> rpm output	 P <sub>1</sub> Kw(HP)	 T <sub>1</sub> N.m(input)	 T <sub>2</sub> N.m(output)						
1:1.21	(cod.00) 1000	1210	184(250)	1757	1452	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth			Vedi pagina seguente See next page	
1.21:1	(cod.27) 1000	826	184(250)	1757	2126						

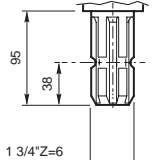
**Alberi / Shafts**

cod.43



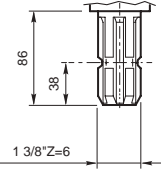
X Y Z

cod.03



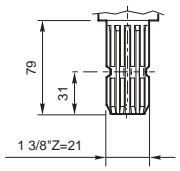
X Y Z

cod.01



X Y Z

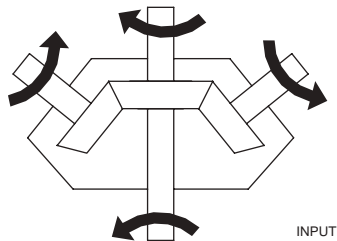
cod.02



X Y Z

M-35





**Sensi di rotazione alberi / Shaft direction**



INPUT

SERIE V		
V-25		170
V-30		172
V-31		174
V-40		176
V-50	 	178
V-51		180
V-60		182
V-61		184
V-65		186
V-70		188
V-74		190
V-81		192
V-95		194
V-130		196

**Codifica/Code**

Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
<b>S</b>	<b>R</b>	<b>17</b>	<b>67</b>	<b>01</b>	<b>01</b>	<b>11</b>	<b>X</b>
<b>S</b>	<b>R</b>	(cod.17) ↑ V25 ..	(cod.67) ↑ 1:2.83 ..	(cod.01) ↑  ..	(cod.01) ↑  ..	(cod.11) ↑  ..	(cod.X) ↑  ..
		vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page			vedi pagine dedicate see dedicated page



Dimensioni Altri



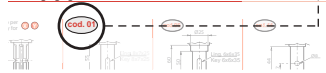
applicazioni Pagine del terreno/Incid  
applications - Flat mowers

**Caratteristiche tecniche/Technical data**

i	$n_1$	$n_2$	$P_1$	$T_{n1}$	$T_{n2}$	Materie Materials
	(rpm)	(rpm)	(kW)	(Nm)	(Nm)	
3.25:1	540	152	2	94	115	
1.9:1	(cod.67)					



shafts Z X Y



Sensi di rotazione alberi/shaft rotation directions

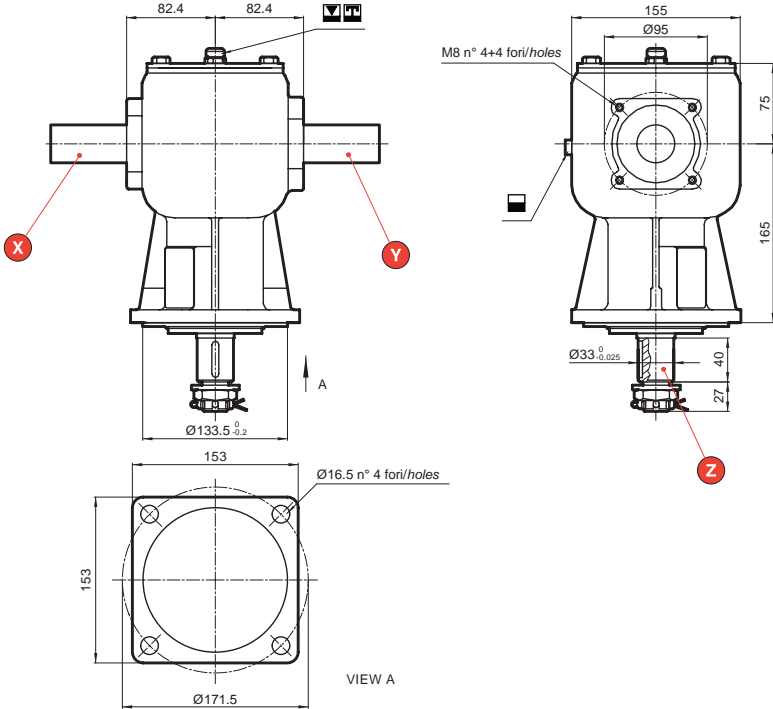




V-25 cod.17



Dimensioni / Dimensions

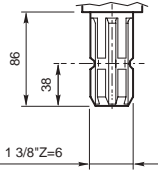


Caratteristiche tecniche / Technical data

i	Input	Input		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
1 2.5	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.16</span>	540	1350	14.7/20	257	103	Chisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	16	0.9	Vedi pagina seguente See next page
1 2.83	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.67</span>	540	1528	14.7/20	260	92					

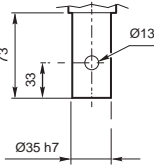
**Alberi / Shafts**

cod.01



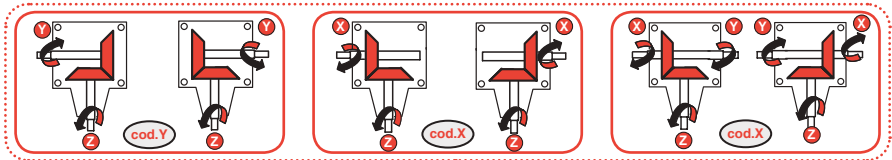
X Y

cod.56



X Y

**Sensi di rotazione alberi / Shaft direction**



cod.R

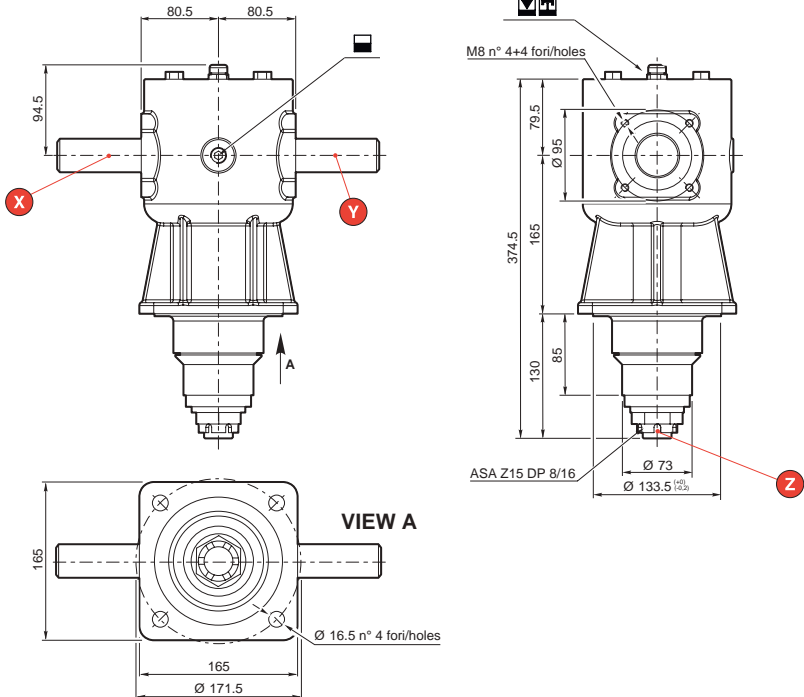
Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit



V-30 **cod.43**



Dimensioni / Dimensions

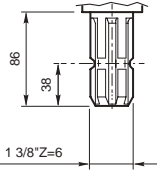


Caratteristiche tecniche / Technical data

i	Input X / Y	Input/Output		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
1 1.92	<b>cod.32</b>	540 1000	1036 1920	22(30) 34(46)	393 325	205 171	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth <b>cod.R</b>	16.3	1.1	Vedi pagina seguente See next page
1 1.47	<b>cod.08</b>	540 1000	790 1470	29(40) 45(62)	510 423	347 288					
1 2.83	<b>cod.27</b>	540	1528	14.7(30)	560	92					

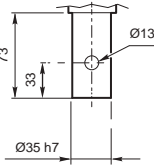
**Alberi / Shafts**

cod.01



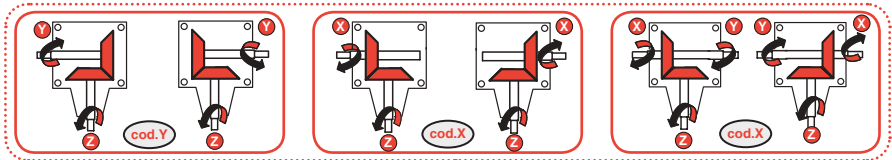
X Y

cod.56



X Y

**Sensi di rotazione alberi / Shaft direction**



cod.R

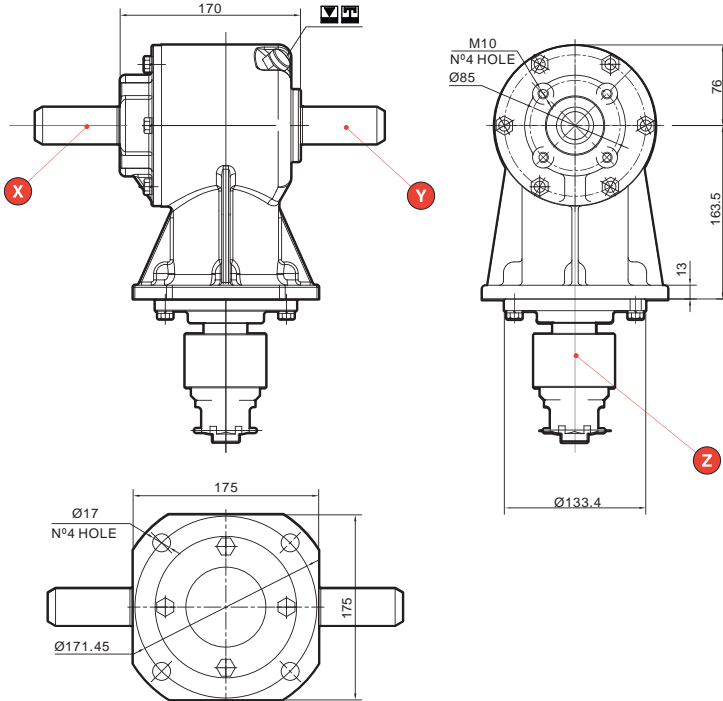
Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit



**V-31** (cod.C3)



**Dimensioni / Dimensions**

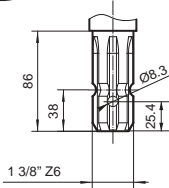


**Caratteristiche tecniche / Technical data**

i	Input	Input		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	X/Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
1 1.46	(cod.09)	540	788	30/40	522	358	Chisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	16	1.2	Vedi pagina seguinte See next page
1 1.93	(cod.32)	540	1026	22/30	389	202					

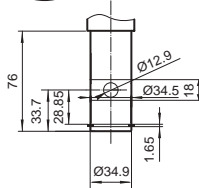
**Alberi / Shafts**

cod.01



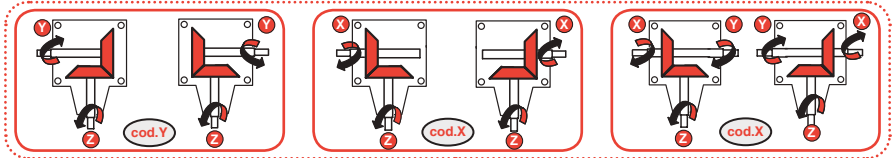
X Y

cod.56



X Y

**Sensi di rotazione alberi / Shaft direction**



cod.R

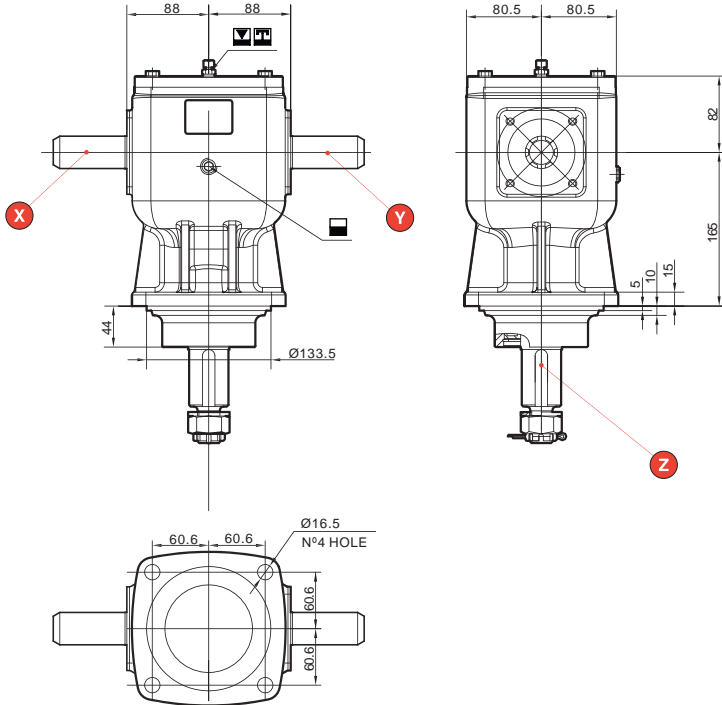
Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit



**V-40** (cod.48)



**Dimensioni / Dimensions**

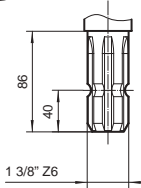


**Caratteristiche tecniche / Technical data**

i	Input						Materiale Material	Dentatura Tothing			
	X / Y	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)					
1 2.83	(cod.08)	540	1530	34/45	591	209	Chisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth (cod.R)	21.5	1.3	Vedi pagina seguinte See next page

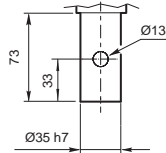
Alberi / Shafts

cod.01



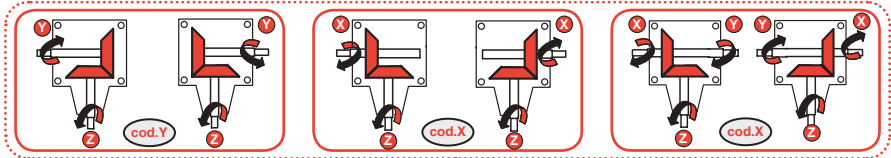
X Y

cod.56



X Y

Sensi di rotazione alberi / Shaft direction



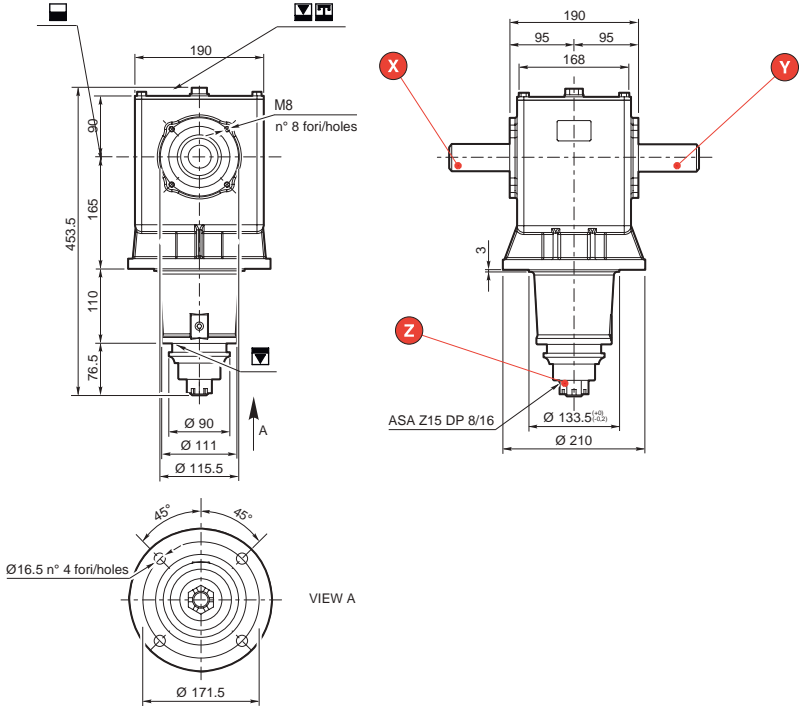
cod.R

Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit

**V-50** (cod.45)



**Dimensioni / Dimensions**

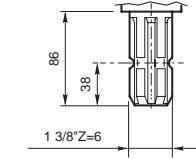


**Caratteristiche tecniche / Technical data**

i	Input						Materiale Material	Dentatura Toothing				Alberi Shafts
	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)			KG	LT		
13	(cod.18)	540	1620	33/45	570	190	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth (cod.R)	21.5	1.3		Vedi pagina seguente See next page

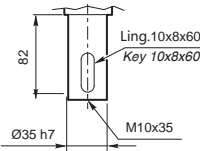
**Alberi / Shafts**

cod.01



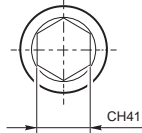
X Y

cod.11



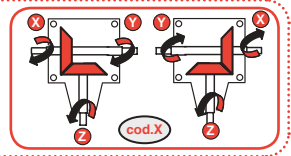
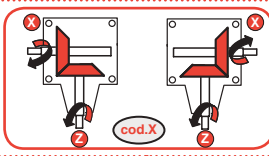
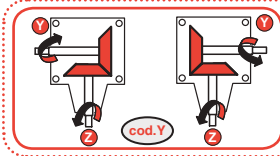
X Y

cod.36



X Y

**Sensi di rotazione alberi / Shaft direction**



cod.R

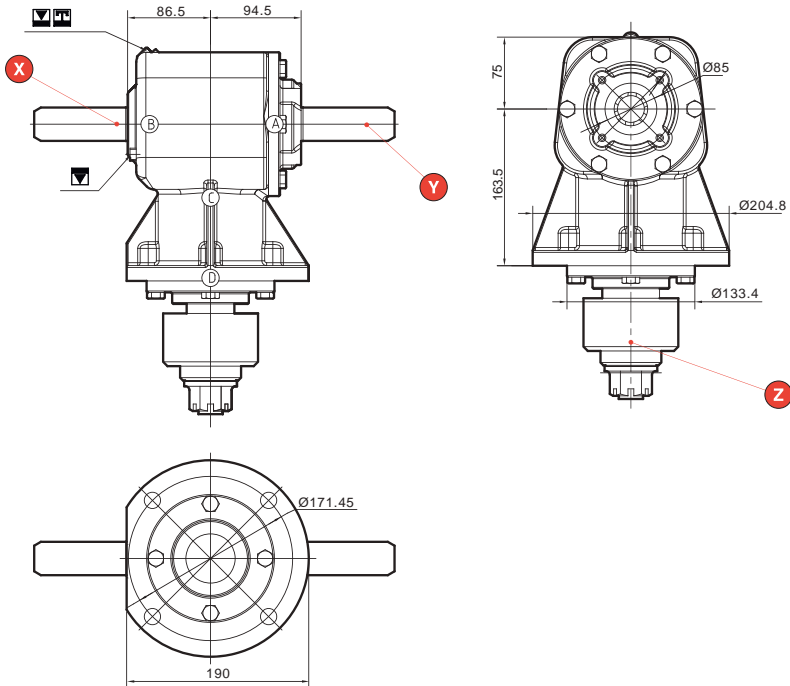
Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit



V-51 cod.C4



Dimensioni / Dimensions

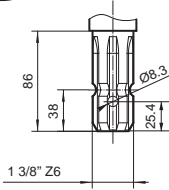


Caratteristiche tecniche / Technical data

i	Input										
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X / Y</span>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
1 1.93	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.32</span>	540	1042	30/40	530	274	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>	25	1.3	Vedi pagina seguente See next page

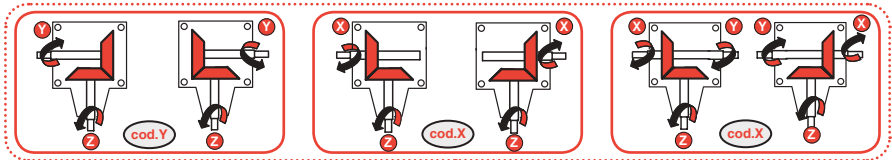
**Alberi / Shafts**

cod.01



X Y

**Sensi di rotazione alberi / Shaft direction**



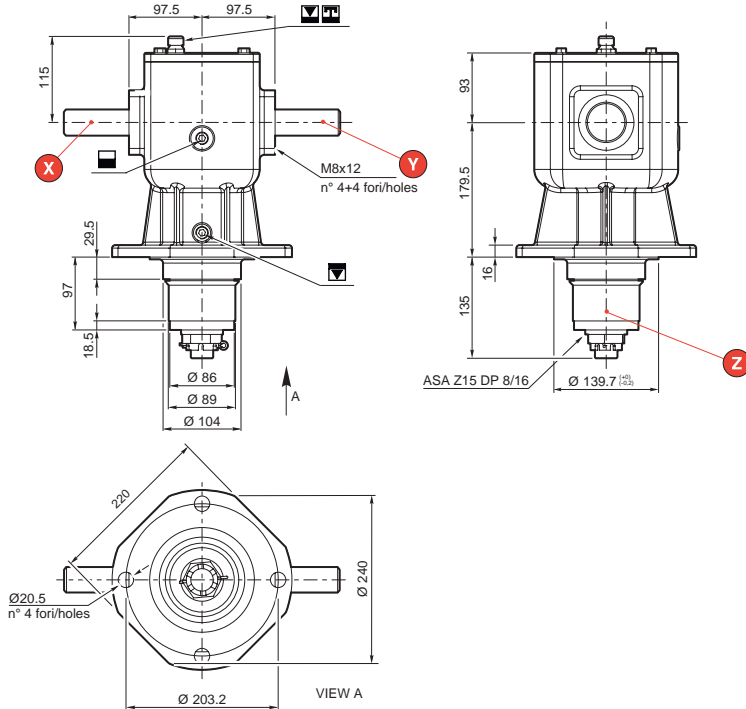
cod.R

Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit

**V-60** (cod.46)



**Dimensioni / Dimensions**

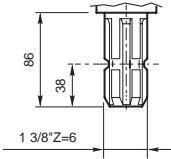


**Caratteristiche tecniche / Technical data**

i	Input						Materiale Material	Dentatura Toothing				Alberi Shafts
	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)						
1 1.5	(cod.53)	540	810	44/60	772	515	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	28.5	1.4		Vedi pagina seguente See next page
1 1.93	(cod.32)	540	1042	44/60	772	400		(cod.R)				

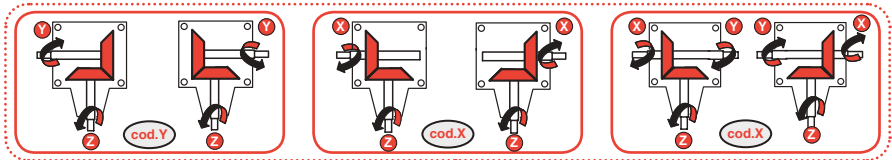
Alberi / Shafts

cod.01



X Y

Sensi di rotazione alberi / Shaft direction



cod.R

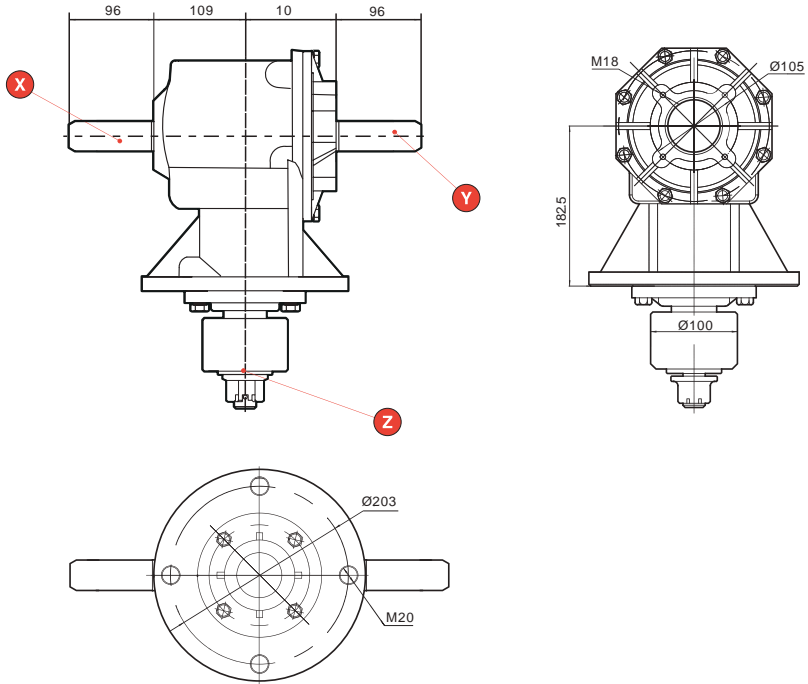
Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit








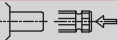
V-61 (cod.C5)



Dimensioni / Dimensions

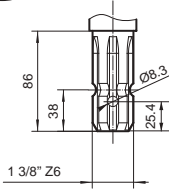


Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Tothing	 KG	 LT	 Alberi Shafts
	X/Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1 1.46	(cod.53)	540	788	45/61	787	539	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	36.5	2.5	Vedi pagina seguente See next page
1 1.93	(cod.32)	540	1042	44.5/60	787	407		(cod.R)			

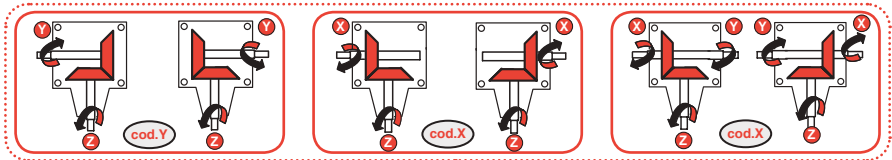
**Alberi / Shafts**

cod.01



X Y

**Sensi di rotazione alberi / Shaft direction**



cod.R

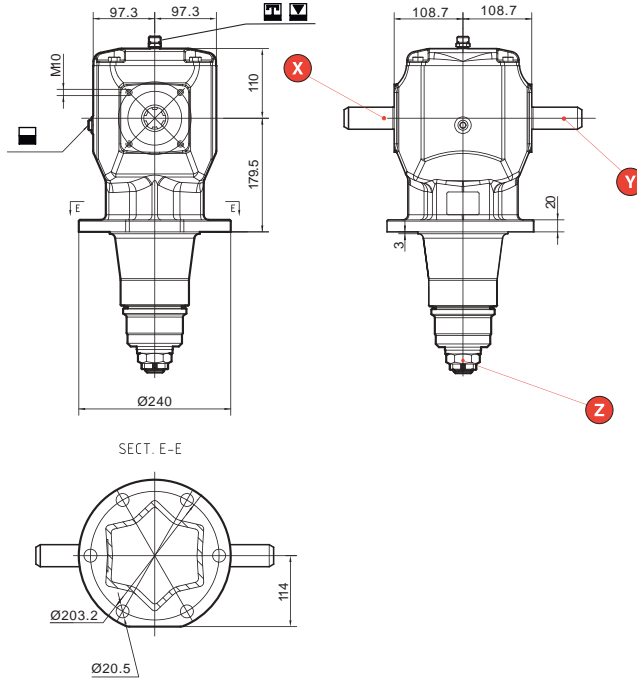
Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit



V-65 cod.C6



Dimensioni / Dimensions

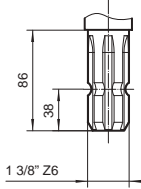


Caratteristiche tecniche / Technical data

i	Input	Input/Output		Power	Torque		Material	Toothing	Weight	Length	Shafts
	X/Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1 1.5	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.S6</span>	540 1000	810 1500	55/75 59/80	972 563	648 376	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	37	2.4	Vedi pagina seguinte See next page
1 1.83	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.S6</span>	540 1000	988 1830	55/75 59/80	1043 863	570 308					

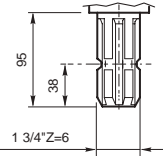
Alberi / Shafts

cod.01



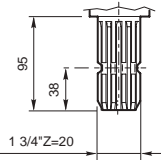
X Y

cod.03



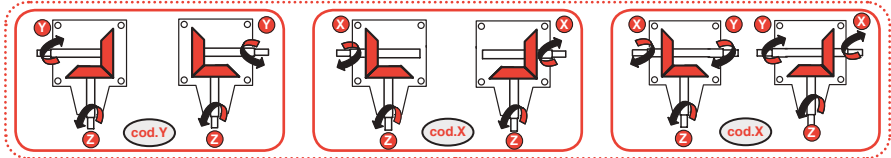
X Y

cod.43



X Y

Sensi di rotazione alberi / Shaft direction



cod.R

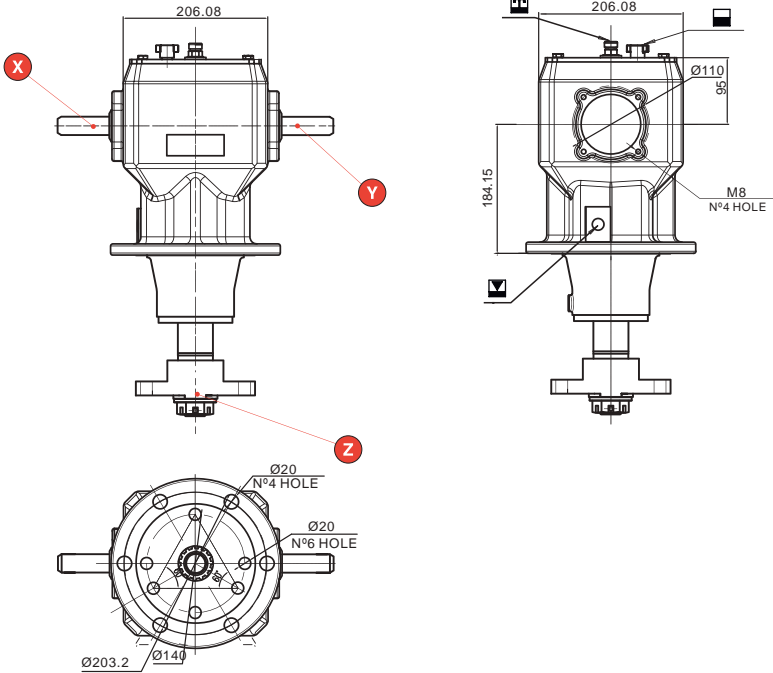
Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit



V-70 **cod.47**



Dimensioni / Dimensions

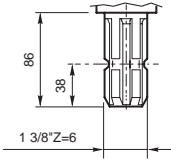


Caratteristiche tecniche / Technical data

i	Input										
	X/Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
1 1.93	<b>cod.32</b>	540 1000	1024 1930	46/65 74/100	849 706	440 366	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	42	2.5	Vedi pagina seguito See next page
1 1.46	<b>cod.08</b>	540 1000	788 1460	53/72 83/111	937 793	642 543					

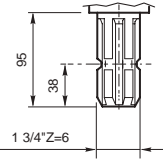
**Alberi / Shafts**

cod.01



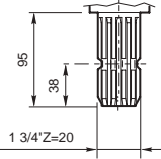
X Y

cod.03



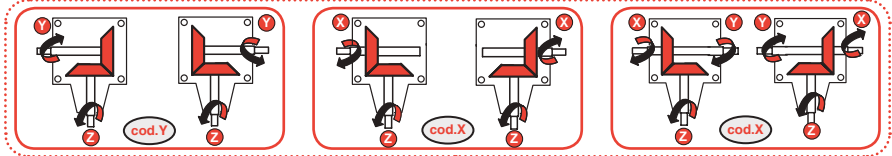
X Y

cod.43



X Y

**Sensi di rotazione alberi / Shaft direction**



cod.R

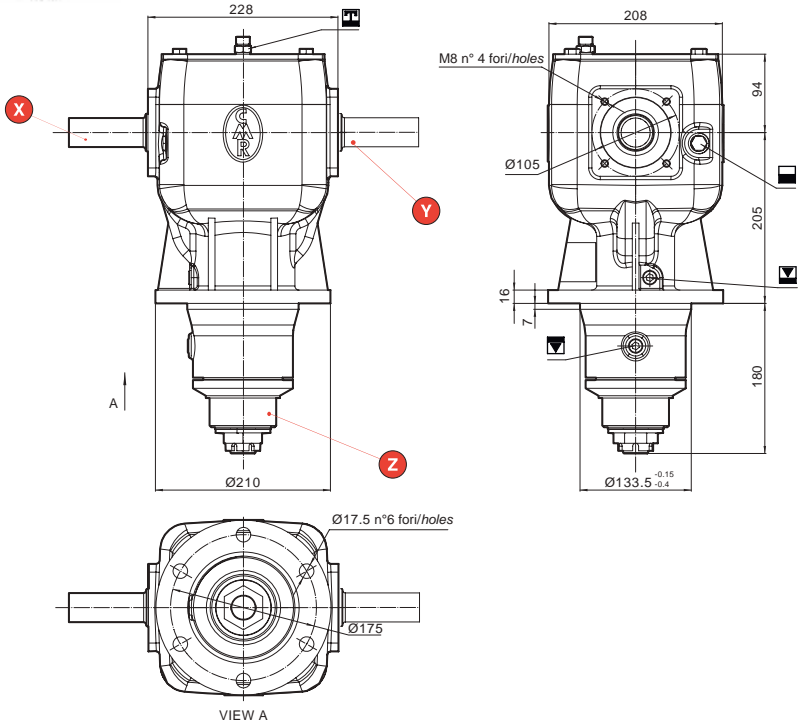
Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit



V-74 (cod.VL)



Dimensioni / Dimensions

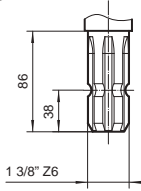


Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing				Alberi Shafts
	X / Y	n <sub>1</sub> rpm Input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)						
11.92	(cod.32)	540	1036	55/75	973	507	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth (cod.R)	39.5	/		Vedi pagina seguente See next page

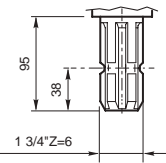
**Alberi / Shafts**

cod.01



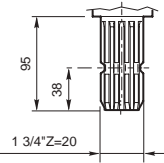
X Y

cod.03



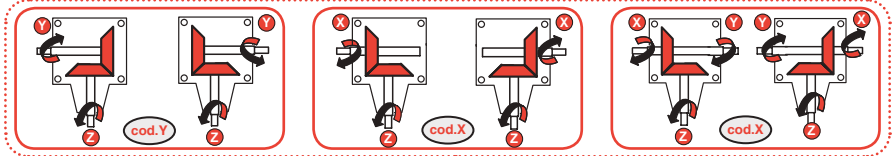
X Y

cod.43



X Y

**Sensi di rotazione alberi / Shaft direction**



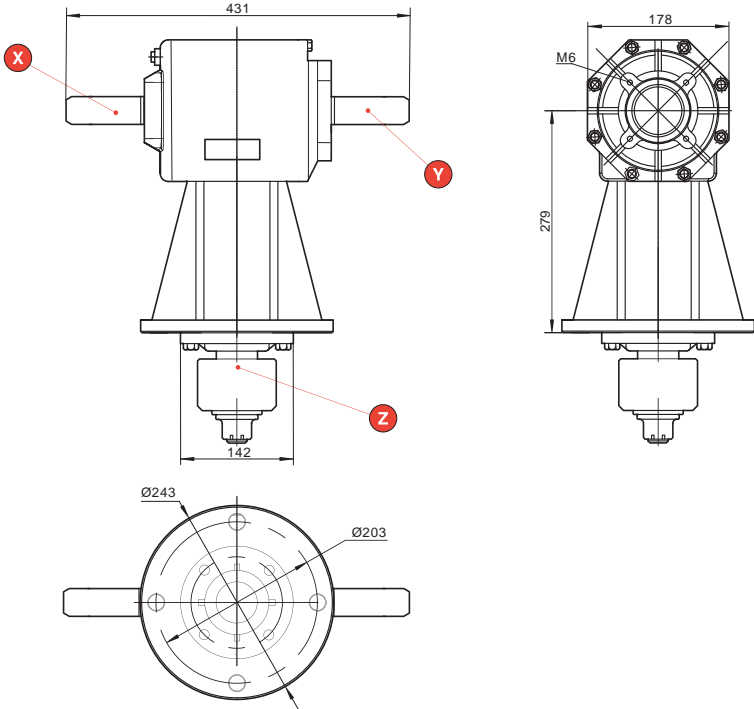
cod.R

Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit

V-81 cod.C8



Dimensioni / Dimensions

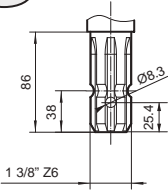


Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing				Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X / Y</span>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)						
1 1.46	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.C8</span>	540	788	45/60	795	545	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>	45	/		Vedi pagina seguente See next page

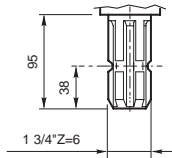
**Alberi / Shafts**

cod.01



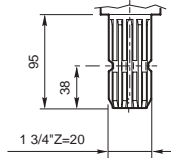
X Y

cod.03



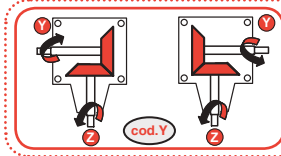
X Y

cod.43

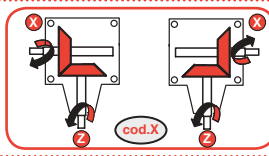


X Y

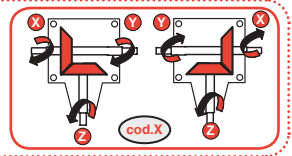
**Sensi di rotazione alberi / Shaft direction**



cod.Y



cod.X



cod.X

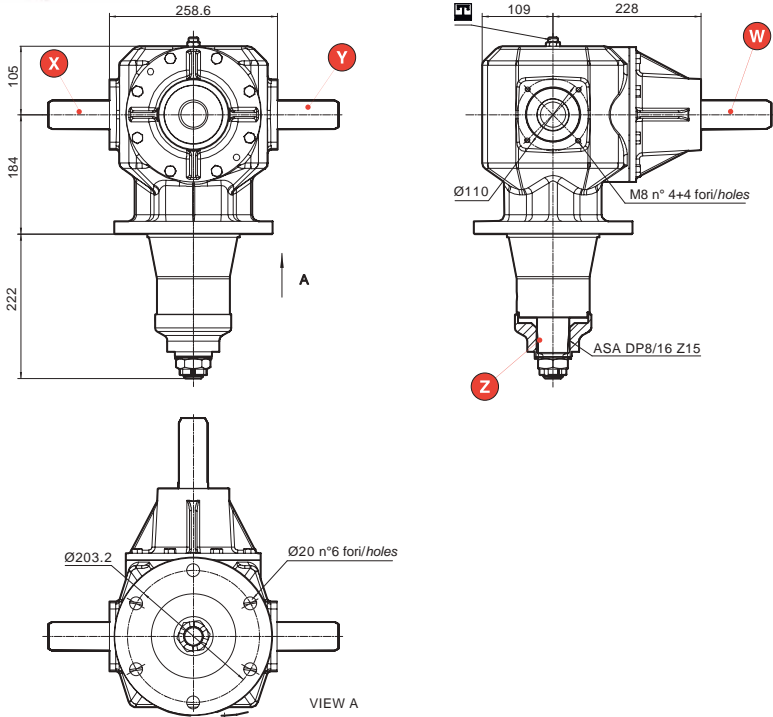
cod.R

Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit

**V-95** (cod.V9)



**Dimensioni / Dimensions**

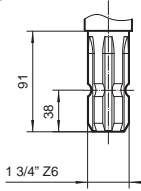


**Caratteristiche tecniche / Technical data**

i	Input	Input/Output		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
1 1	(cod.06)	100	100	147/200	1404	1404	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	55.3	/	Vedi pagina seguente See next page
1 1.92	(cod.32)	540	1037	91.9/125	1625	846					

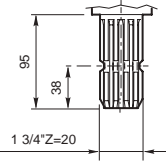
**Alberi / Shafts**

cod.01



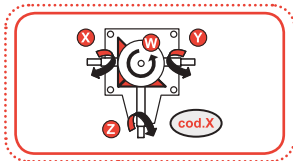
X Y

cod.43



X Y

**Sensi di rotazione alberi / Shaft direction**



cod.R

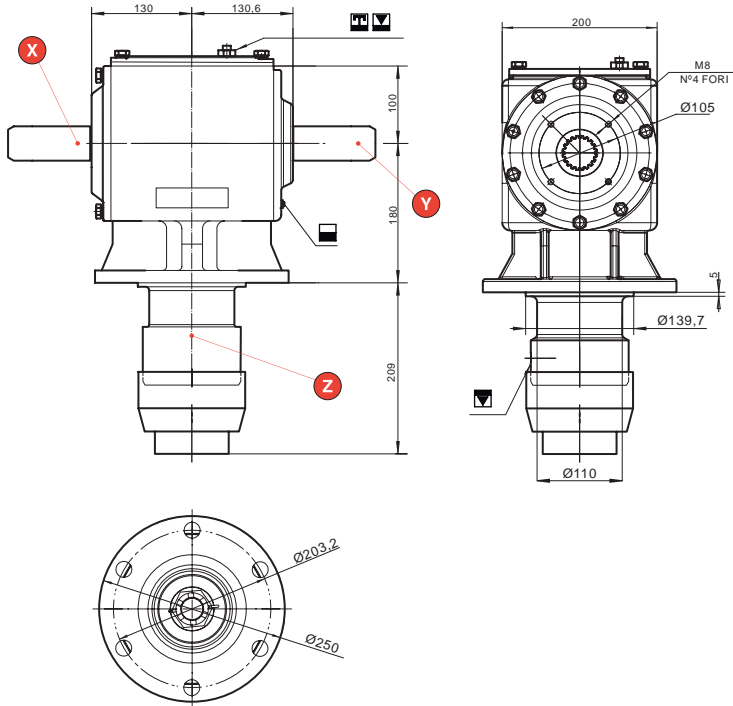
Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit



V-130 **cod.C9**



Dimensioni / Dimensions

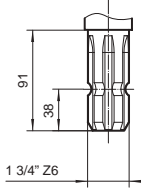


Caratteristiche tecniche / Technical data

i	Input	Input/Output		Power	Torque		Material	Toothing	Weight	Length	Shafts
	X/Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1 1.46	<b>cod.C9</b>	540	788	97/130	1714	1174	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	55.3	/	Vedi pagina seguente See next page
1 1.93	<b>cod.32</b>	540	1042	75/102	1326	687		<b>cod.R</b>			

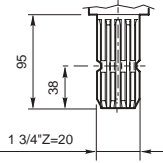
Alberi / Shafts

cod.03



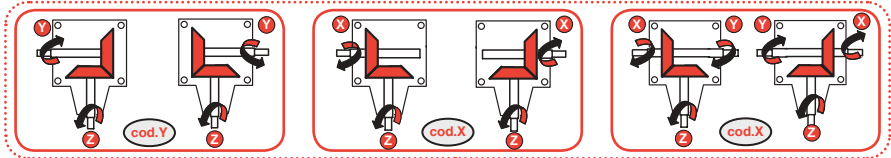
X Y

cod.43



X Y

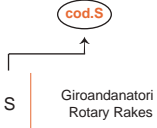
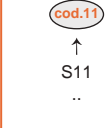
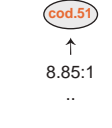



Sensi di rotazione alberi / Shaft direction



cod.R

Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit

SERIE S		
<b>S-60</b>		200
<b>S-60D SPEC</b>		202
<b>S-80</b>		204
<b>S-90</b>		206
<b>S-11</b>		208
<b>S-12</b>		210
<b>S-13</b>		212
<b>S-15</b>		214

Codifica/Code							
Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
<b>S</b>	<b>S</b>	<b>11</b>	<b>51</b>	<b>01</b>	<b>A1</b>	<b>98</b>	<b>C</b>
<b>S</b>	 S → <b>cod.S</b> Giroandanaori Rotary Rakes	 S11 → <b>cod.11</b> ..	 8.85:1 → <b>cod.51</b> ..	 ↑ <b>cod.01</b>	 ↑ <b>cod.A1</b>	 ↑ <b>cod.98</b>	c d s
		vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page			vedi pagine dedicate see dedicated page



**cod.11**

Preparazione del terreno  
Land preparation

Dimensioni / Dimensions

Caratteristiche tecniche / Technical data

i	n <sub>1</sub> [rpm]	n <sub>2</sub> [rpm]	P <sub>1</sub> [kW]	T <sub>1n</sub> [Nm]	T <sub>1m</sub> [Nm]	Materiali Materials
1.9:1	540	284	5	138	168	

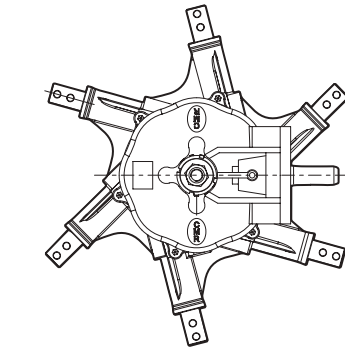
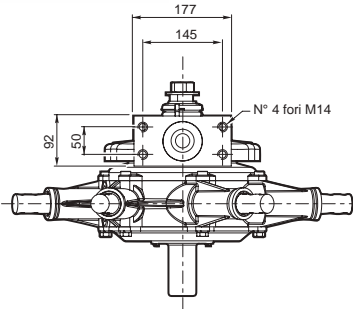


(C)

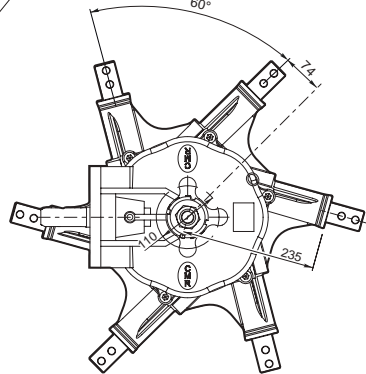
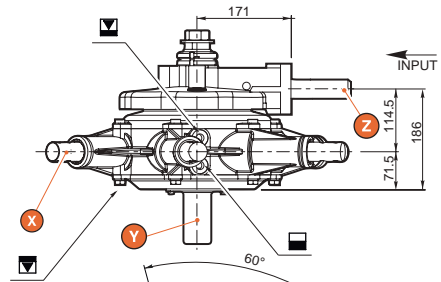
# S-60 cod.06



## Dimensioni / Dimensions



Sinistro/Left

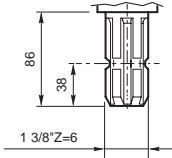

 Destro/Right  
Centrale/Central

## Caratteristiche tecniche / Technical data

i	Input				Materiale Material	Dentatura Toothing	KG	LT			
	Z	n <sub>1</sub> rpm input								n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)
7.14.1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.06</span>	540	76	-	36	260	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>	59.9	2.8	Vedi pagina seguente See next page

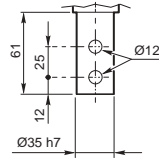
**Alberi / Shafts**

cod.01



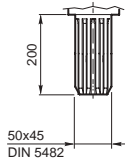
Z

cod.A1



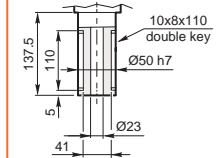
X

cod.73

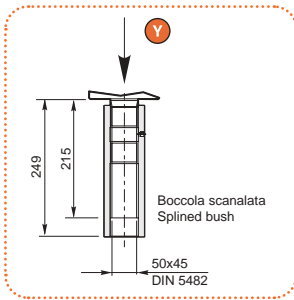


Y

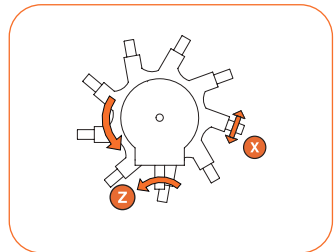
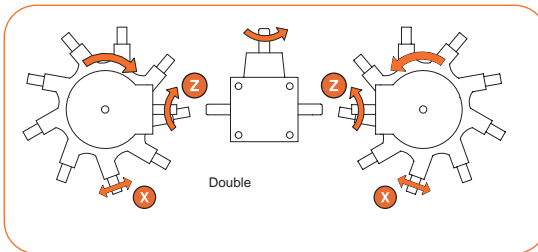
cod.98



Y



**Sensi di rotazione alberi / Shaft direction**



a sinistra  
On the left

(S)

a destra  
On the right

(D)

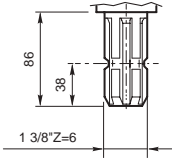
centrale  
Central

(C)



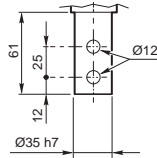
**Alberi / Shafts**

cod.01



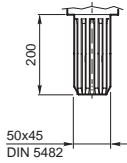
**Z**

cod.A1



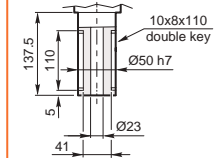
**X**

cod.73

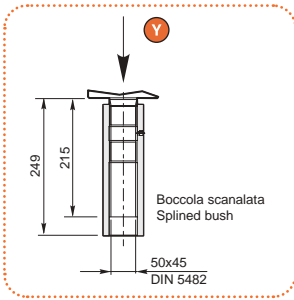


**Y**

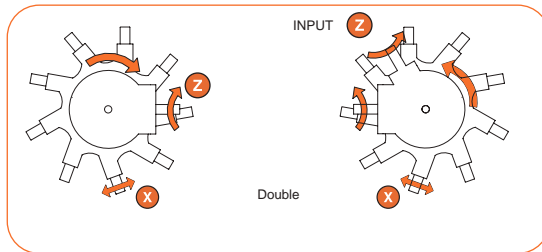
cod.98



**Y**



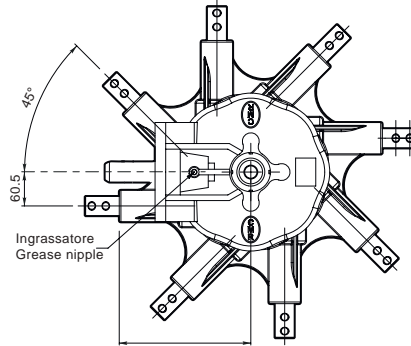
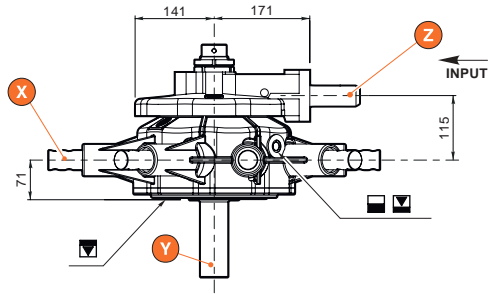
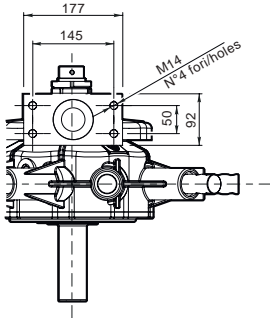
**Sensi di rotazione alberi / Shaft direction**



**S-80** (cod.08)



**Dimensioni / Dimensions**



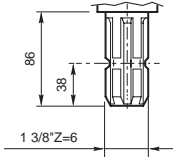
Destro/Right  
Centrale/Central

**Caratteristiche tecniche / Technical data**

i	Input	Gears		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
7.14.1	(cod.08)	540	76	-	36	260	Ghisa GS400 Ductile Cast iron	Gleason denti elicoideali Gleason Helical Teeth (cod.Y)	67	2.5	Vedi pagina seguente See next page

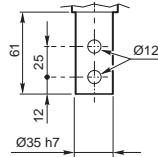
**Alberi / Shafts**

cod.01



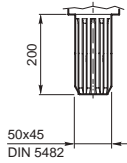
Z

cod.A1



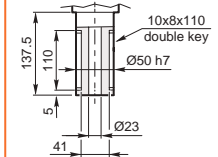
X

cod.73

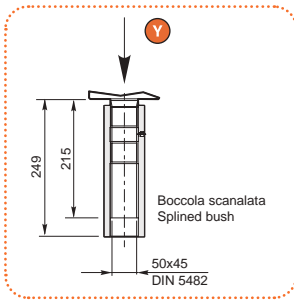


Y

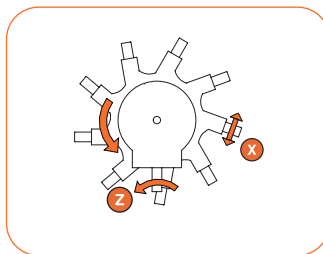
cod.98



Y



**Sensi di rotazione alberi / Shaft direction**



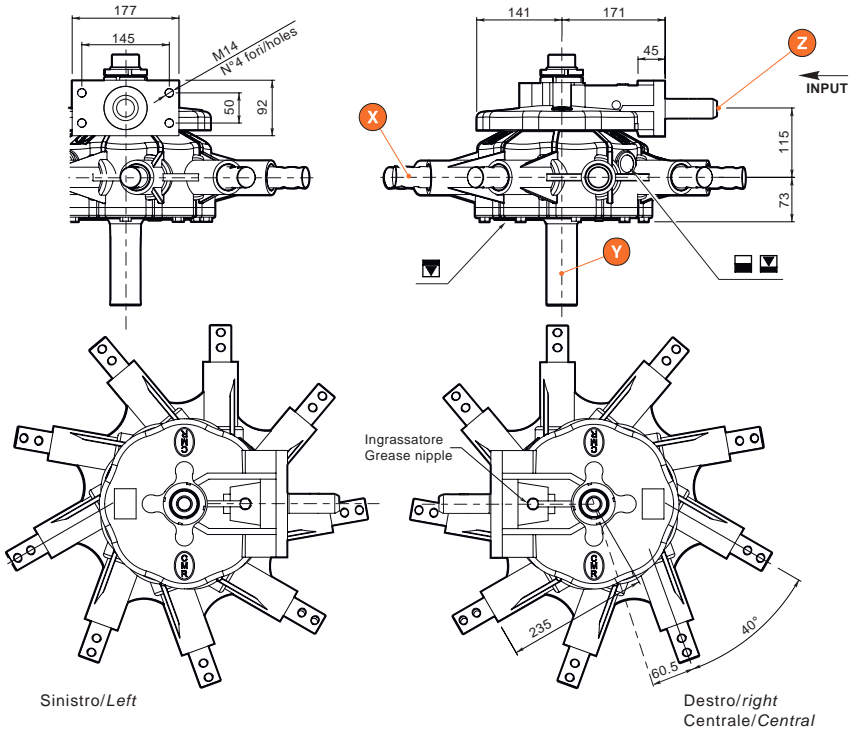
centrale  
Central

(C)

# S-90 cod.09



## Dimensioni / Dimensions

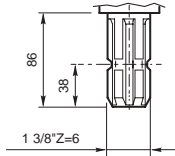


## Caratteristiche tecniche / Technical data

i	Input				Materiale Material	Dentatura Toothing					
	Z	n <sub>1</sub> rpm input								n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)
7.14.1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.09</span>	540	76	-	36	260	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>	75	2.6	Vedi pagina seguente See next page

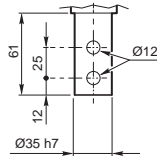
**Alberi / Shafts**

cod.01



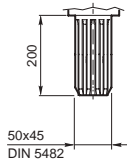
Z

cod.A1



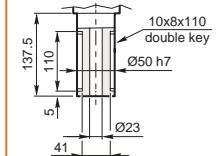
X

cod.73

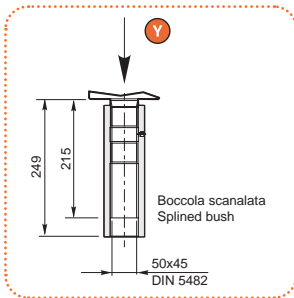


Y

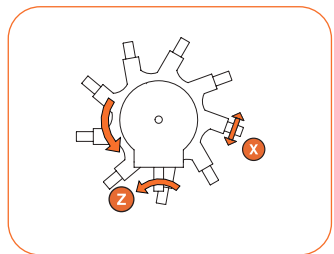
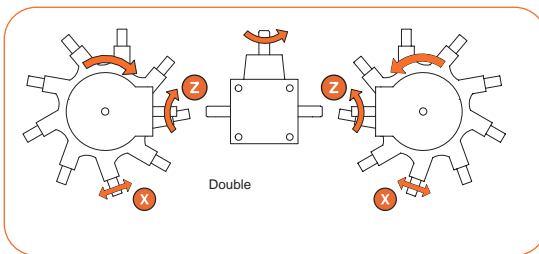
cod.98



Y



**Sensi di rotazione alberi / Shaft direction**



a sinistra  
On the left

(S)

a destra  
On the right

(D)

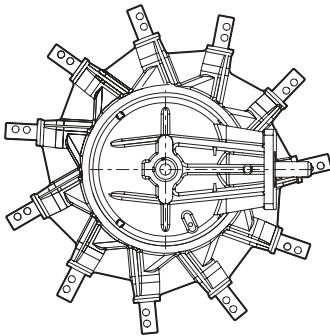
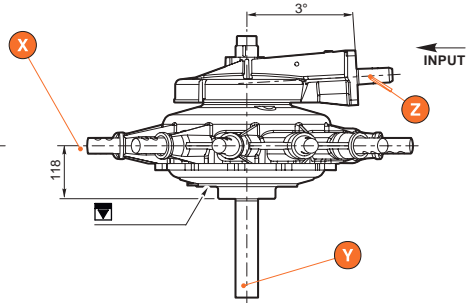
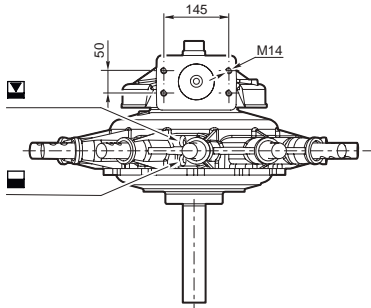
centrale  
Central

(C)

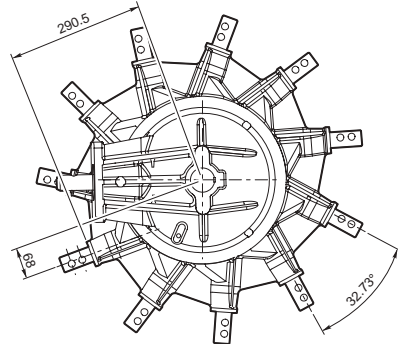
# S-11 cod.11



## Dimensioni / Dimensions



Sinistro/Left



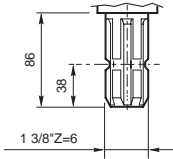
Destro/right  
Centrale/Central

## Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing				Alberi Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)						
8.85 1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.85</span>	540	63	-	30	260	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>	108	6.0		Vedi pagina seguente See next page

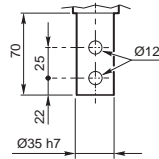
**Alberi / Shafts**

cod.01



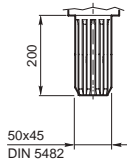
Z

cod.A2



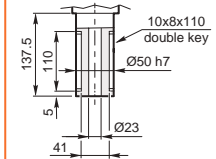
X

cod.73

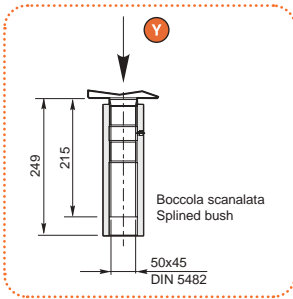


Y

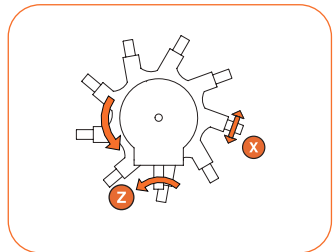
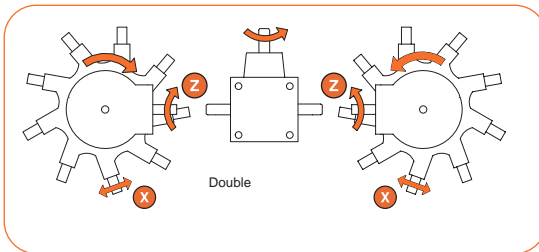
cod.98



Y



**Sensi di rotazione alberi / Shaft direction**



a sinistra  
On the left

(S)

a destra  
On the right

(D)

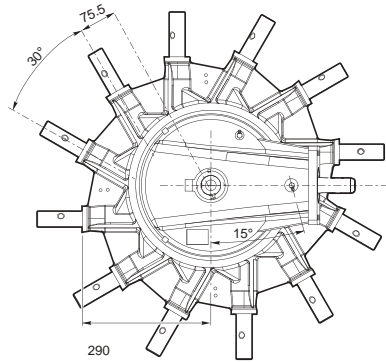
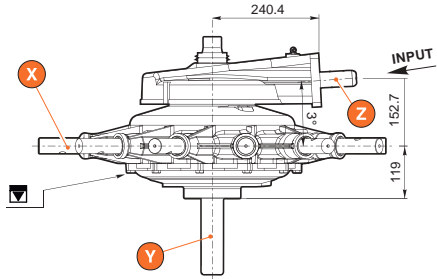
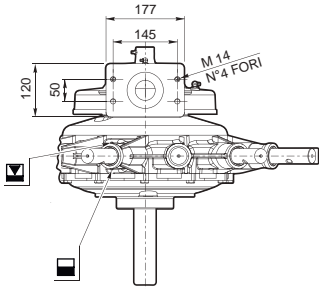
centrale  
Central

(C)

# S-12 cod.12



## Dimensioni / Dimensions



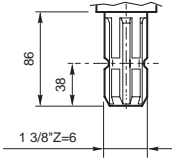
Centrale/Central

## Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
8.85 1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.85</span>	540	67	-	30	260	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>	127	6.2	Vedi pagina seguente See next page

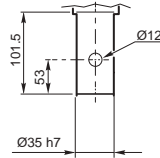
Alberi / Shafts

cod.01



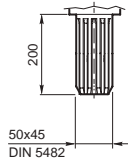
Z

cod.A3



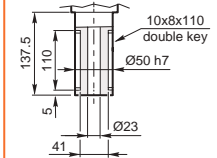
X

cod.73

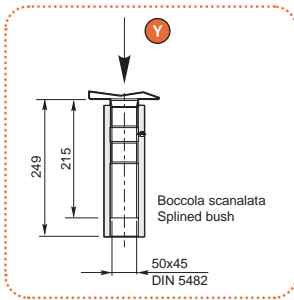


Y

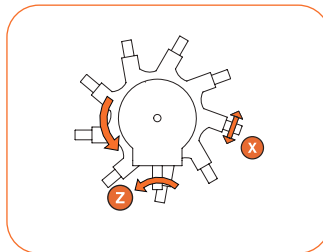
cod.98



Y



Sensi di rotazione alberi / Shaft direction



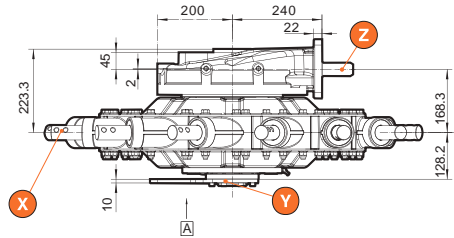
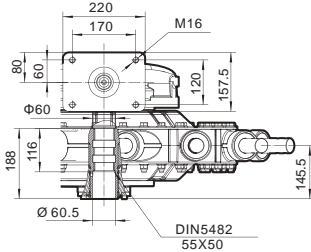
centrale  
Central

(C)

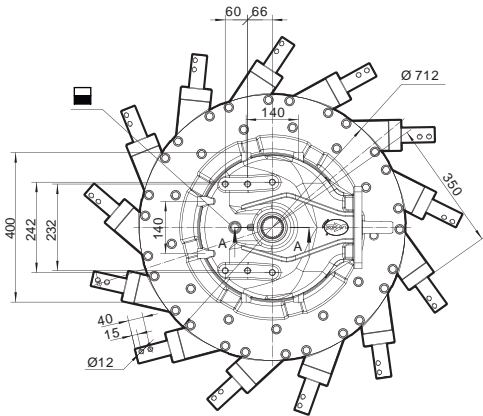
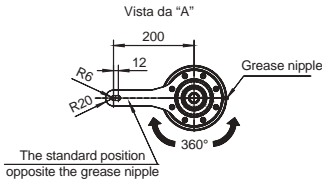
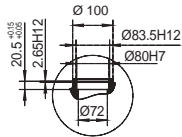
**S-13** cod.13



**Dimensioni / Dimensions**



Dettaglio B

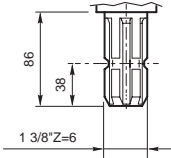


**Caratteristiche tecniche / Technical data**

i	Input	Gears		Power	Torque		Material	Toothing	Weight	Length	Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
9.88 1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.98</span>	540	56	-	27	265	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>	188	2	Vedi pagina seguente See next page

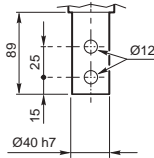
**Alberi / Shafts**

cod.01



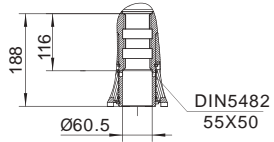
Z

cod.A5



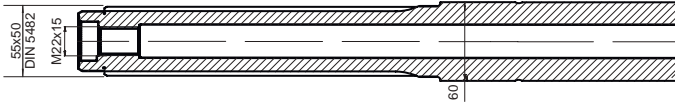
X

cod.51

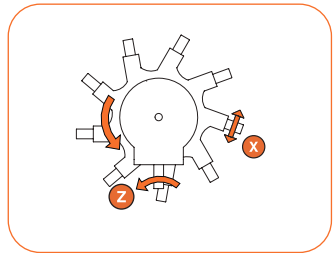
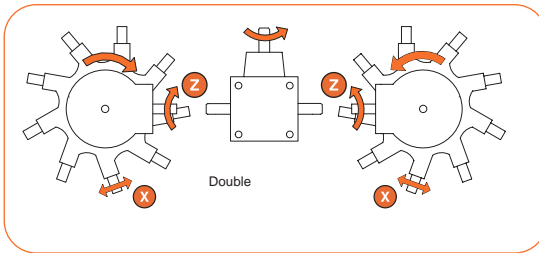


Y

SC1320000002



**Sensi di rotazione alberi / Shaft direction**



a sinistra  
On the left

(S)

a destra  
On the right

(D)

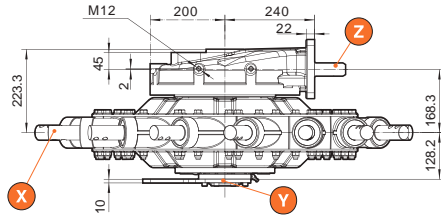
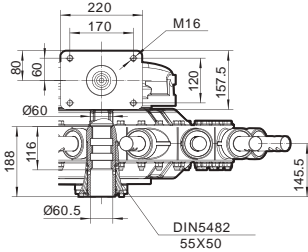
centrale  
Central

(C)

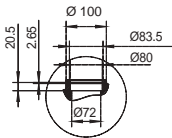
# S-15 cod.12



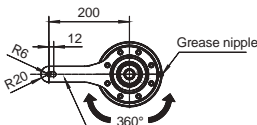
## Dimensioni / Dimensions



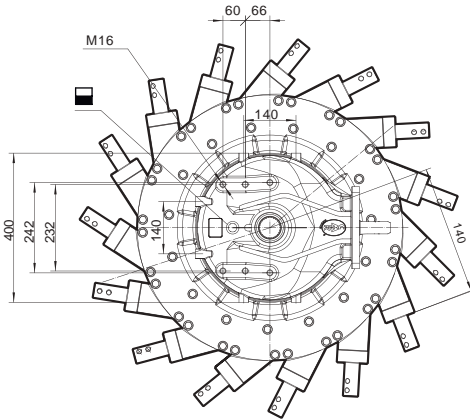
Dettaglio B



Vista da "A"



The standard position opposite the grease nipple

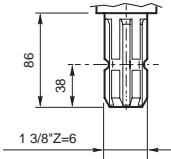


## Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Z</span>	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
9.88 1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.58</span>	540	56	-	27	265	Ghisa GS400 Ductile Cast iron	Gleason denti elicoideali Gleason Helical Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.Y</span>	195	2	Vedi pagina seguente See next page

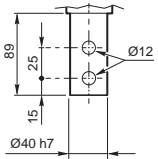
**Alberi / Shafts**

cod.01



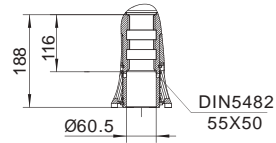
Z

cod.A5



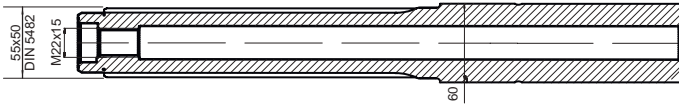
X

cod.51

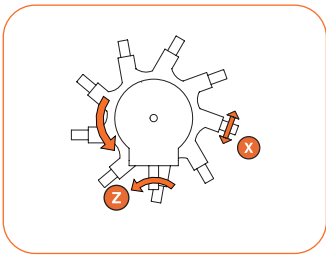
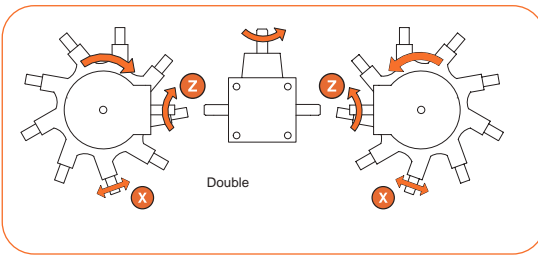


Y

SC1320000002



**Sensi di rotazione alberi / Shaft direction**







a sinistra  
On the left (S)

a destra  
On the right (D)

centrale  
Central (C)

S-15

SERIE G			
<b>G-18</b>		218	
<b>G-19</b>		220	
<b>G-40</b>		222	
<b>G-60</b>		224	

Codifica/Code							
Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
<b>S</b>	<b>R</b>	<b>85</b>	<b>58</b>	<b>01</b>	<b>64</b>	<b>00</b>	<b>X</b>
s	(cod.R) R Denti dritti senza ruota libera <i>Straight Teeth without Free Wheel</i>	(cod.85) ↑ G18 ..	(cod.58) ↑ 1:1.77 ..	(cod.01) ↑ 	(cod.64) ↑ 	(cod.00) ↑	↑ 
vedi pagine dedicate see dedicated page							



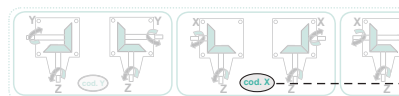
(cod.2)

Dimensioni / Dimensions

Caratteristiche tecniche / Technical data

i	n <sub>1</sub> [rpm]	n <sub>2</sub> [rpm]	P <sub>1</sub> [kW]	T <sub>1n</sub> [Nm]	T <sub>1m</sub> [Nm]	Materie Material
3,25:1 (cod.58)	540	204	5	138	168	
1,9:1 (cod.28)						

Sensi di rotazione alberi / Shaft rotation directions



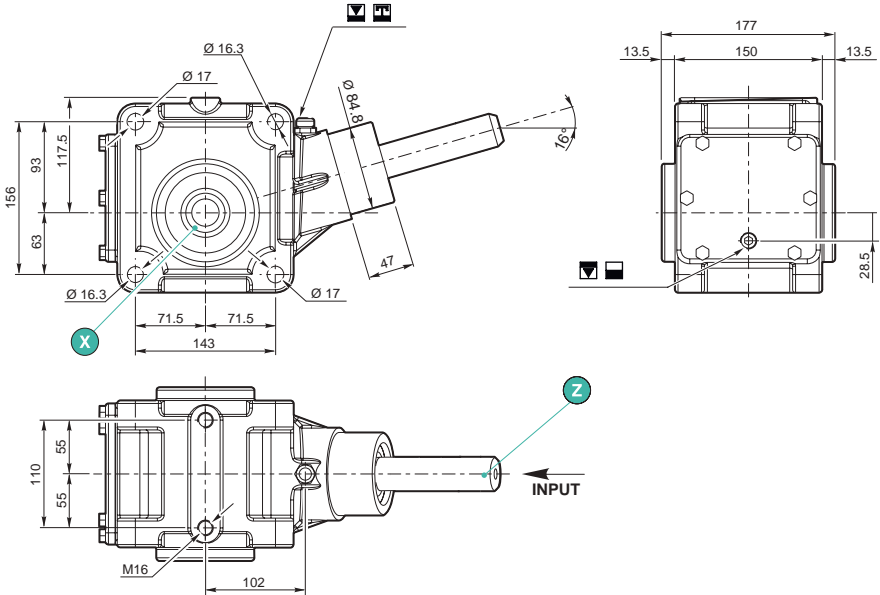
(cod.R)

1: Ruota libera  
2: Simple single Gear Case

**G-18** (cod.85)



**Dimensioni / Dimensions**

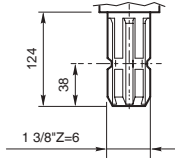


**Caratteristiche tecniche / Technical data**

i	Input	Gears		Input Power	Input/Output Torque		Material	Tooth Profile	Weight	Length	Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>i</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1.77:1	(cod.85)	540	305	20/20.7	601	721	Ghisa G25 Gray Cast iron	Denti dritti Helical Teeth	21	1.2	Vedi pagina seguente See next page

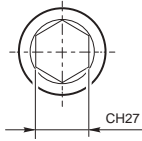
**Alberi / Shafts**

cod.01



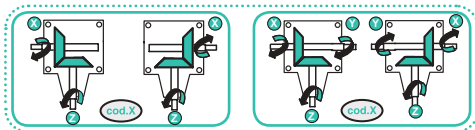
Z

cod.64



X

**Sensi di rotazione alberi / Shaft direction**

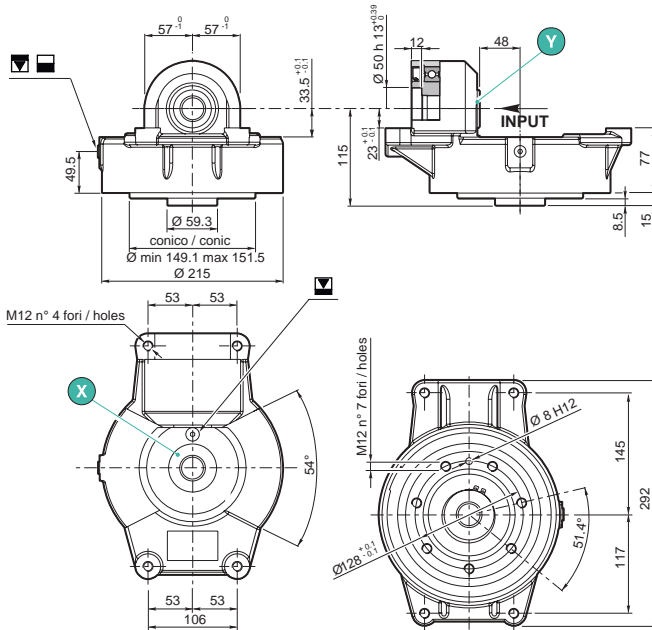


cod.R ..... Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit

**G-19** (cod.84)



**Dimensioni / Dimensions**

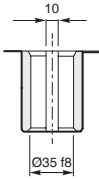


**Caratteristiche tecniche / Technical data**

i	Input	Shaft		Power	Torque		Material	Tooth	Weight	Lubrication	Shafts
	Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>i</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
2:1	(cod.79)	305	152.5	6.6/9	397	476	Ghisa GS400 Ductile Cast iron	Denti dritti Helical Teeth	17	0.2 Grasso Grease	Vedi pagina seguente See next page

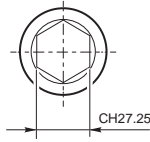
**Alberi / Shafts**

cod.11



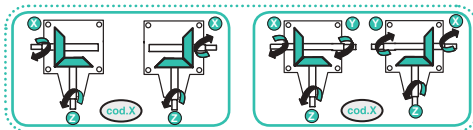
Z

cod.64



X

**Sensi di rotazione alberi / Shaft direction**

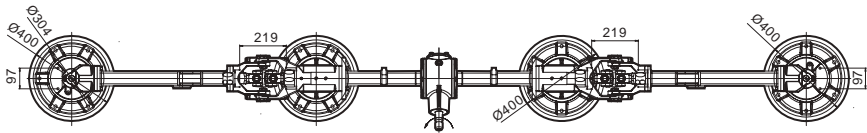
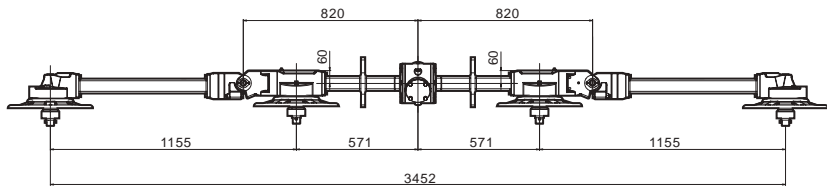


cod.R ..... Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit

**G-40** (cod.G4)



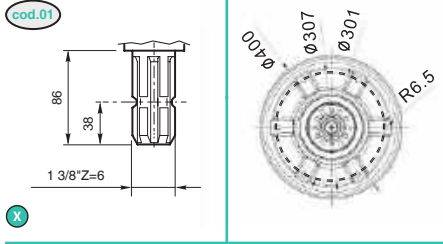
**Dimensioni / Dimensions**



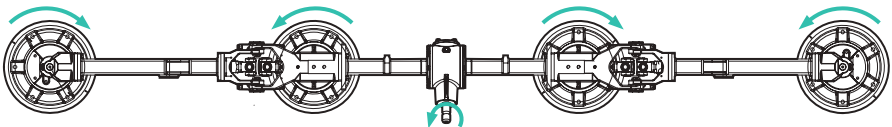
**Caratteristiche tecniche / Technical data**

i	Input	Gears		Power	Torque		Material	Toothing	KG	LT	Shafts
	z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>i</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
2.86:1	(cod.29)	540	188	24(33)	424	1213	Ghisa GS400 Ductile Cast iron	Denti dritti Helical Teeth	195		Vedi pagina seguente See next page

**Alberi / Shafts**



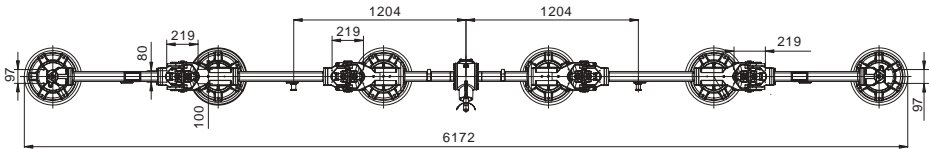
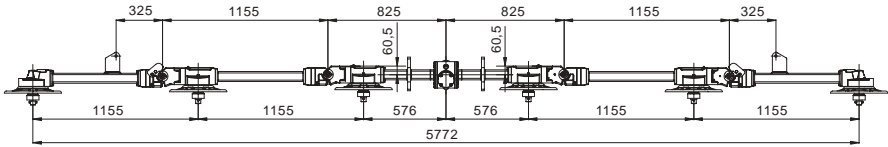
**Sensi di rotazione alberi / Shaft direction**



**G-60** (cod.G6)



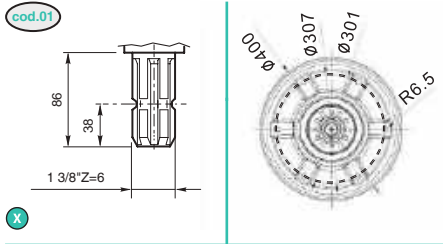
**Dimensioni / Dimensions**



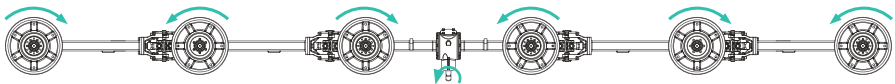
**Caratteristiche tecniche / Technical data**



i	Input	Gears		Power	Torque		Material	Toothing	KG	LT	Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>i</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
2.86:1	(cod.29)	540	188	24(33)	424	1213	Ghisa GS400 Ductile Cast iron	Denti dritti Helical Teeth	195		Vedi pagina seguente See next page

**Alberi / Shafts**



**Sensi di rotazione alberi / Shaft direction**



SERIE RBC		
RBC185	 Pressa raccogliatrice Bales	228
RBC250	 Pressa raccogliatrice Bales	230

## Codifica/Code

Settore Area	Tipo Type	Scatola Box	Rapporto di trasmissione Transmission Ratio	Alberi / Shafts			Numero progressivo Sequential number
				Z	X	Y	
<b>S</b>	<b>T</b>	<b>T1</b>	<b>38</b>	<b>01</b>	<b>70</b>	<b>71</b>	<b>1234</b>
s	T	(cod.T1) (cod.T2) (cod.T3)	(cod.38)	(cod.01)	(cod.70)	(cod.71)	



Caratteristiche tecniche/Technical data						
i	$n_1$	$n_2$	$P_1$	$T_{in}$	$T_{out}$	Materiale Material
	[rpm]	[rpm]	[kW]	[Nm]	[Nm]	
3.25:1	(cod.38)	540	284	5	138	168
1.9:1	(cod.39)					

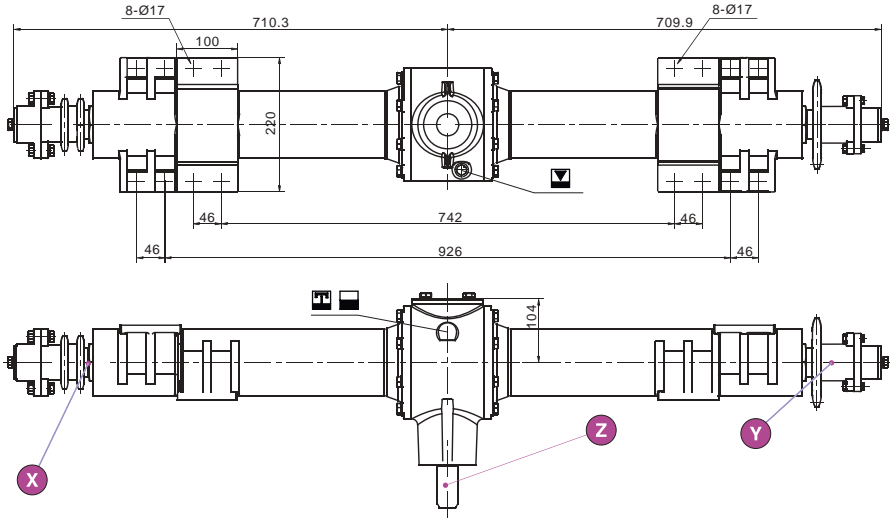
- (cod.38)
- (cod.39)
- (cod.40)



# RBC185 cod.T1



## Dimensioni / Dimensions

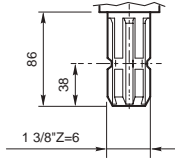


## Caratteristiche tecniche / Technical data

i	Input	Shaft		Power	Torque		Material	Toothing	Weight	Length	Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
2.07:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.36</span>	540	259	51/70	619	1281	Ghisa GS400 Ductile Cast iron		120		Vedi pagina seguente See next page

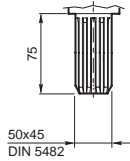
**Alberi / Shafts**

cod.01



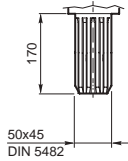
Z

cod.70



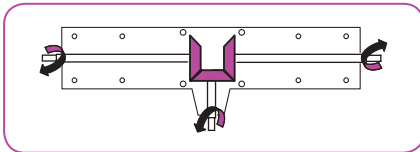
X Y

cod.71

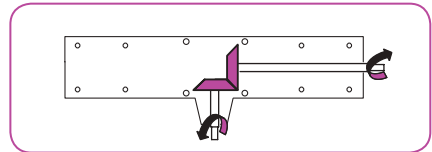


X Y

**Sensi di rotazione alberi / Shaft direction**



cod.V

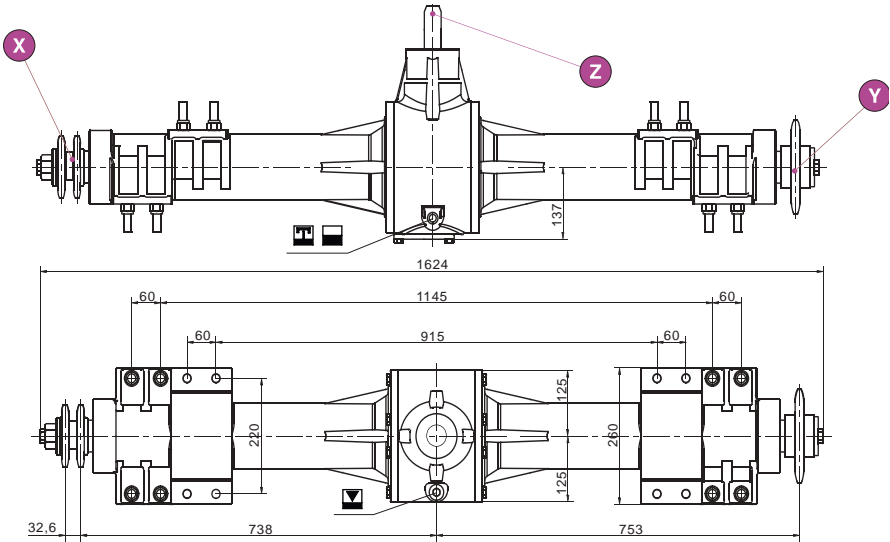


cod.X

# RBC250 cod.T2



## Dimensioni / Dimensions

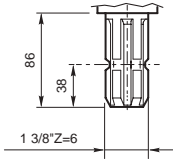


## Caratteristiche tecniche / Technical data

i	Input	Shafts		Power			Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Z</span>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)					
2.07:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.36</span>	540	260	81(110)	1433	2965	Ghisa GS400 Ductile Cast iron		175		Vedi pagina seguente See next page

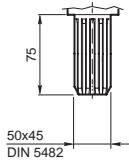
**Alberi / Shafts**

cod.01



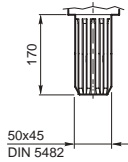
Z

cod.70



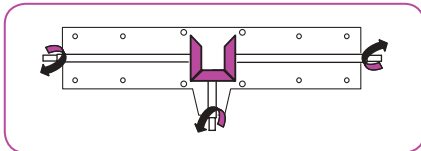
X Y

cod.71

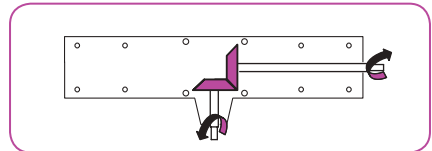


X Y

**Sensi di rotazione alberi / Shaft direction**











cod.V



cod.X

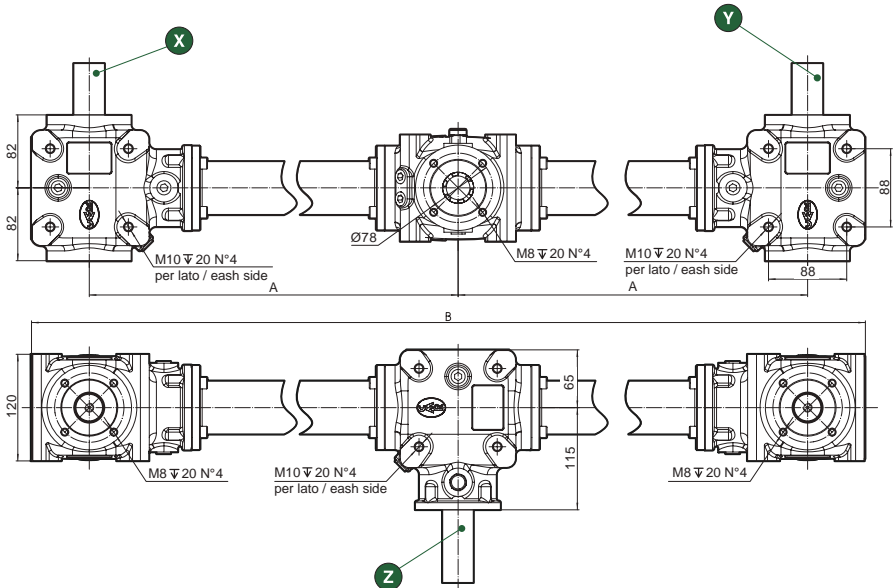


SERIE SP		
<b>SP-20</b>		234
<b>SP-36</b>		236
<b>SP-45</b>		238
<b>SO-55</b>		240
<b>SP01-55</b>		242
<b>SP02-55</b>		244
<b>SP04-55</b>		246
<b>SPC04-55</b>		248
<b>SP-085</b>		250
<b>SP-140</b>		252
<b>SP-160</b>		254
<b>SP-240</b>		256

# SP-20



## Dimensioni / Dimensions

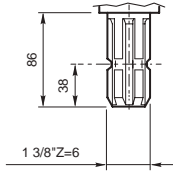


## Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothings	A	B	 Alberi Shafts
	Z	$n_1$ rpm input	$n_2$ rpm output		$P_1$ Kw(HP)	$T_1$ N.m(input)					
1:1.47	cod.38	540	794	19(26)	336	229	Ghisa GS400 Ductile Cast iron  Ghisa G25 Gray Cast iron	Gleason denti elicoidali Gleason Helical Teeth  Gleason denti dritti Gleason Straight Teeth	575	1280	Vedi pagina seguente See next page

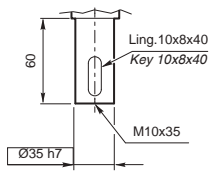
**Alberi / Shafts**

cod.01



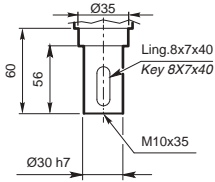
X Y Z

cod.11



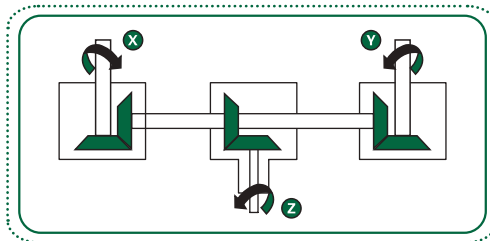
X Y Z

cod.15



X Y Z

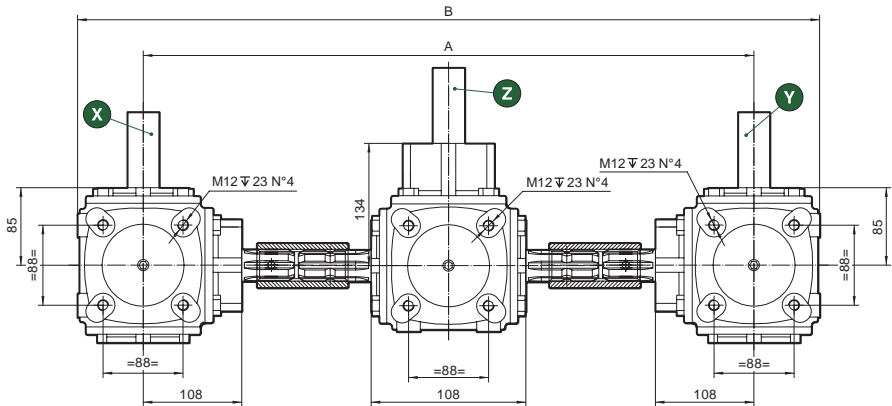
**Sensi di rotazione alberi / Shaft direction**



# SP-36



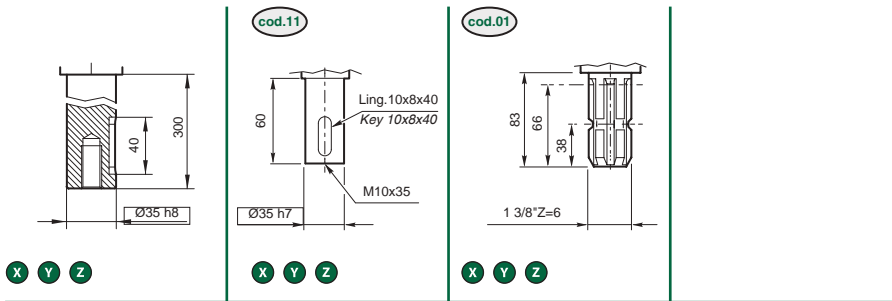
## Dimensioni / Dimensions



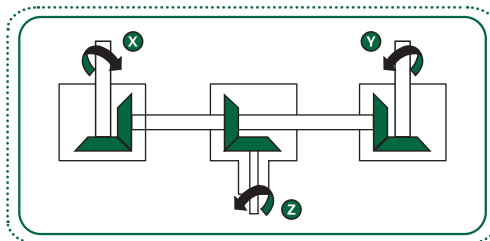
## Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing	A	B	 Alberi Shafts
	Z	$n_1$ rpm input	$n_2$ rpm output		$P_1$ Kw(HP)	$T_1$ N.m(input)					
1:1	cod.06	540	540	16.9(23)	298	298	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	670	814	Vedi pagina seguente See next page

**Alberi / Shafts**



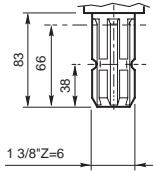
**Sensi di rotazione alberi / Shaft direction**





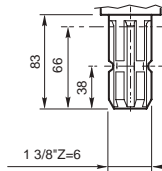
**Alberi / Shafts**

cod.01



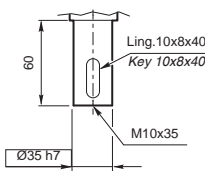
Z

cod.01



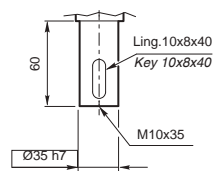
X Y

cod.11



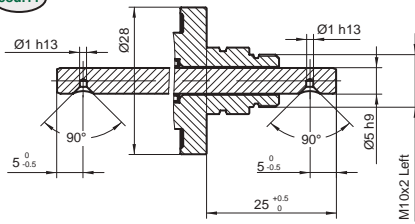
X Y

cod.11



X Y

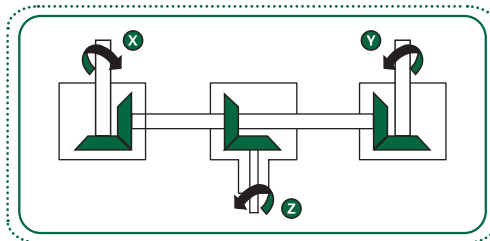
cod.11



X Y

SP-45

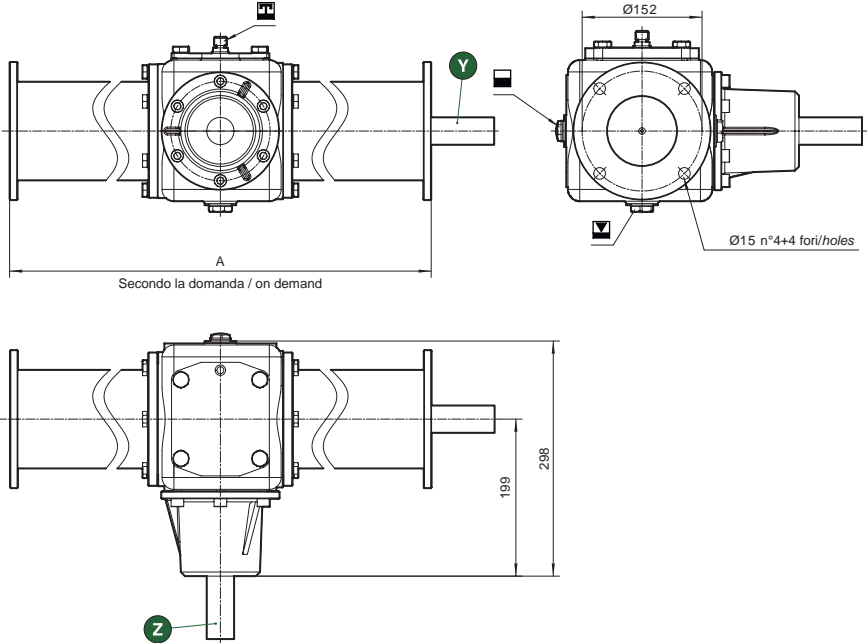
**Sensi di rotazione alberi / Shaft direction**



# SO-55



## Dimensioni / Dimensions



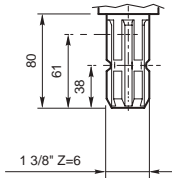
## Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing	A	B		Alberi Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)						
1.28:1	cod.27	540	421	40(50)	703	900	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	565 600 650			Vedi pagina seguente See next page

**Alberi / Shafts**

Ingresso/Input

Uscita/Output

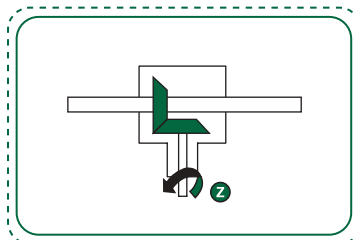


**Z**

A richiesta cliente  
According to the customer's requirement

**SO-55**

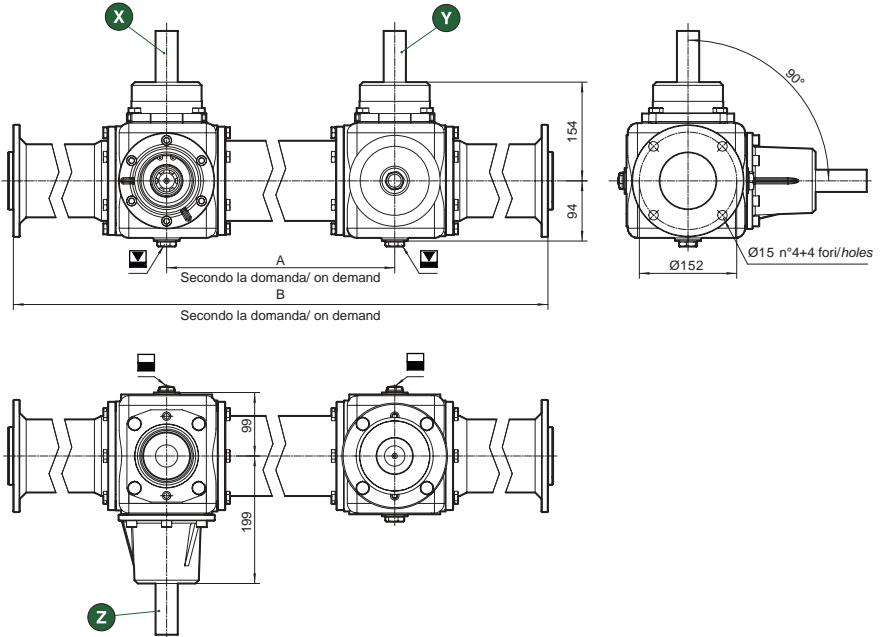
**Sensi di rotazione alberi / Shaft direction**



# SP01-55



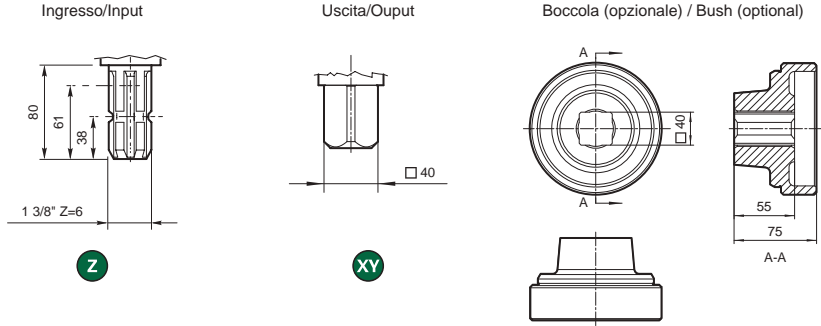
## Dimensioni / Dimensions



## Caratteristiche tecniche / Technical data

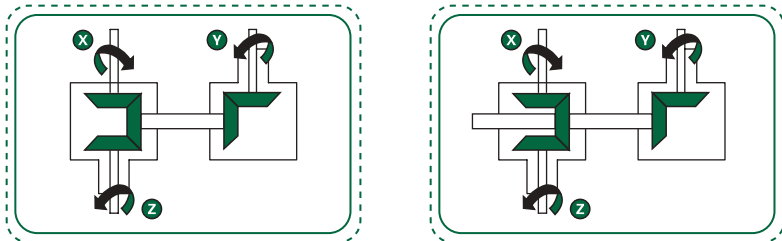
i	Input						Materiale Material	Dentatura Toothing	A	B	 Alberi Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1:1	cod.06	540	540	40(50)	778	778	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	565 600 650		Vedi pagina seguente See next page

**Alberi / Shafts**



SP01-55

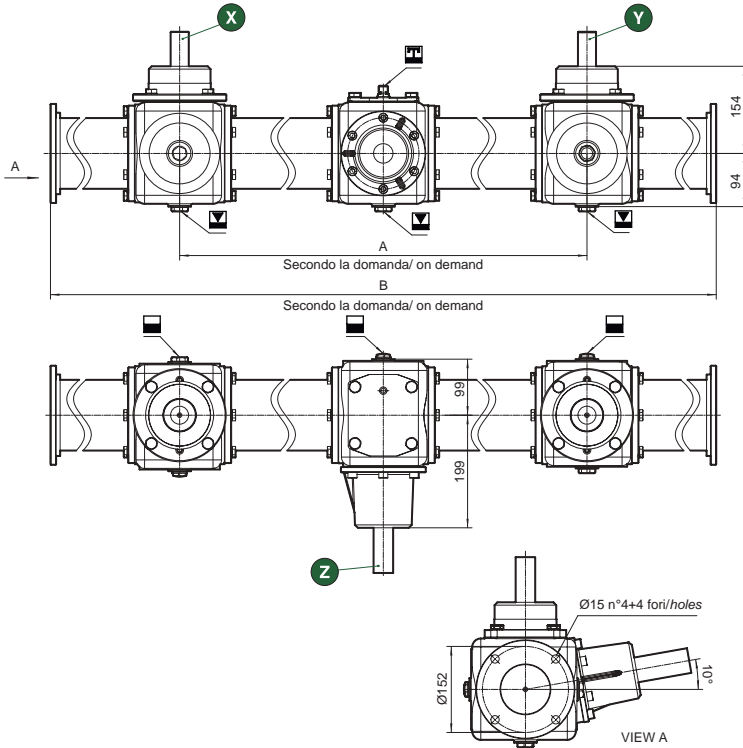
**Sensi di rotazione alberi / Shaft direction**



# SP02-55



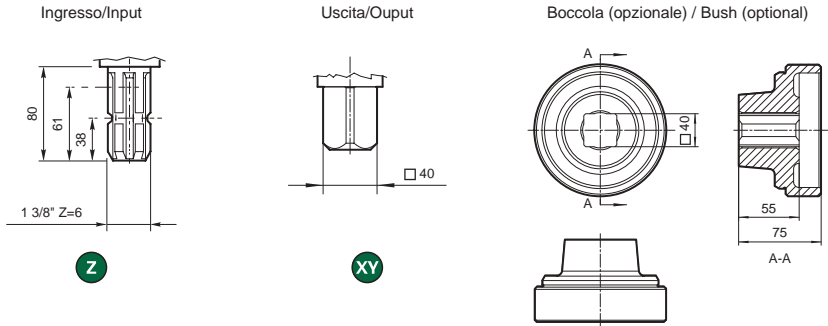
## Dimensioni / Dimensions



## Caratteristiche tecniche / Technical data

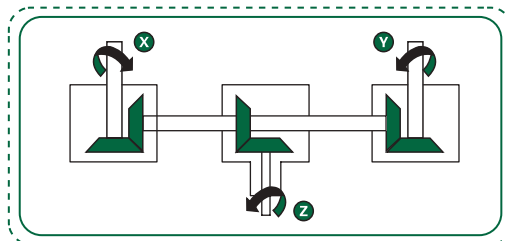
i	Input						Materiale Material	Dentatura Toothing	A	B	 Alberi Shafts
	z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1:1	cod.06	540	540	40(50)	707	707	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	770 910	1710 2000	Vedi pagina seguente See next page

**Alberi / Shafts**



SP02-55

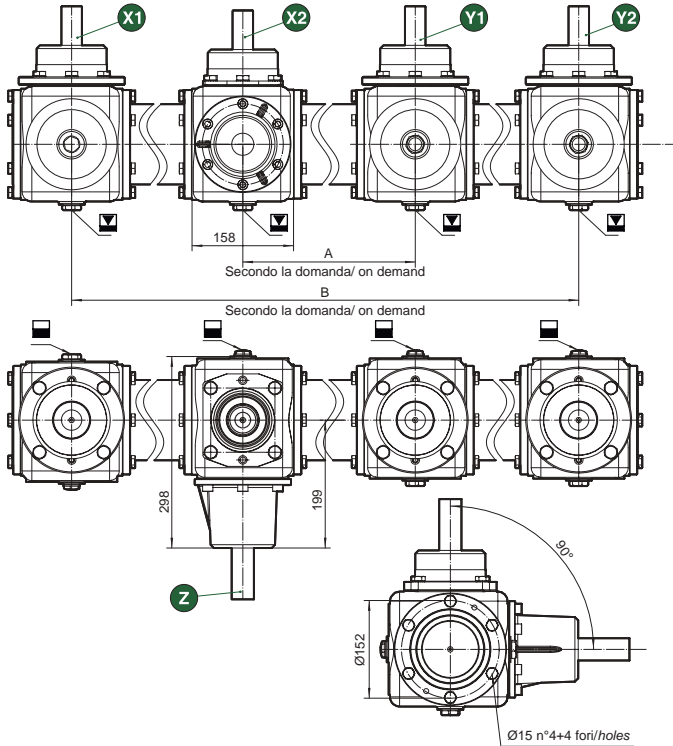
**Sensi di rotazione alberi / Shaft direction**



# SP04-55



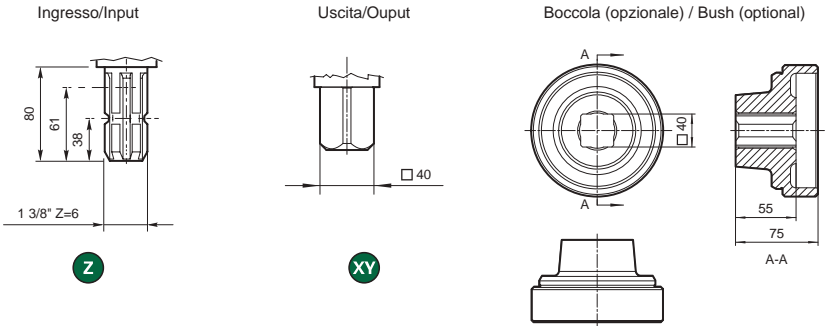
## Dimensioni / Dimensions



## Caratteristiche tecniche / Technical data

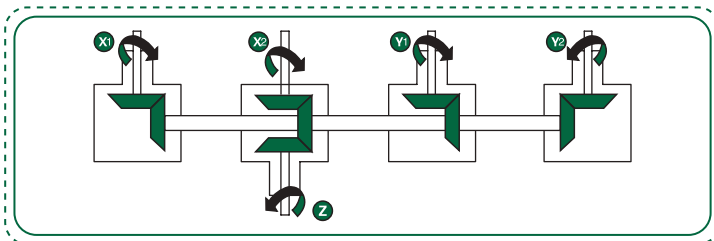
i	Input	Shaft		P <sub>1</sub> Kw(HP)	Torque		Materiale Material	Dentatura Toothing	A	B	Alberi Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output		T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1:1	cod.06	540	540	40(55)	715	715	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth	360	1110	Vedi pagina seguente See next page
								cod.R	390	1260	
									440	1380	

**Alberi / Shafts**



SP04-55

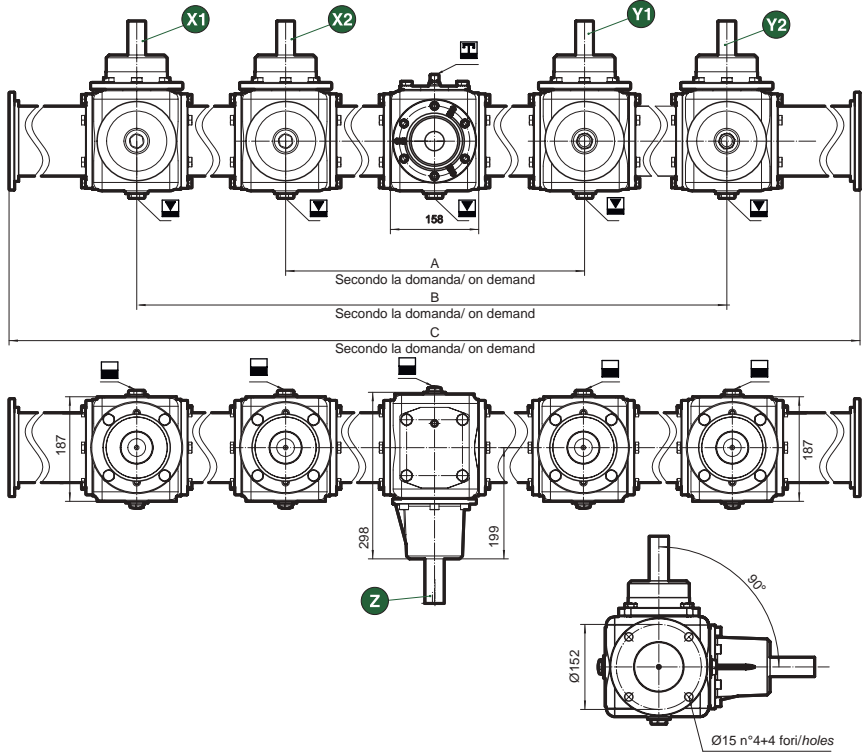
**Sensi di rotazione alberi / Shaft direction**



# SPC04-55



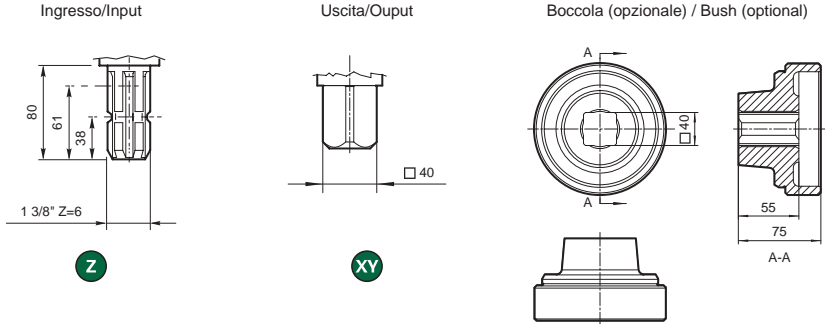
## Dimensioni / Dimensions



## Caratteristiche tecniche / Technical data

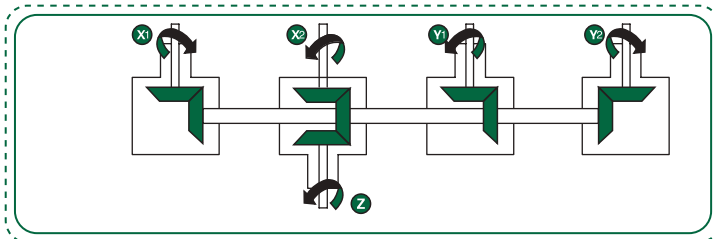
i	Input	Shaft		P <sub>i</sub> Kw(HP)	Torque		Materiale Material	Dentatura Toothing	A	B	C	Alberi Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output		T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)						
1:1	cod.06	540	540	40(55)	707	707	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	560	1590	2220	Vedi pagina seguente See next page
									440	1380	1380	

**Alberi / Shafts**



SPC04-55

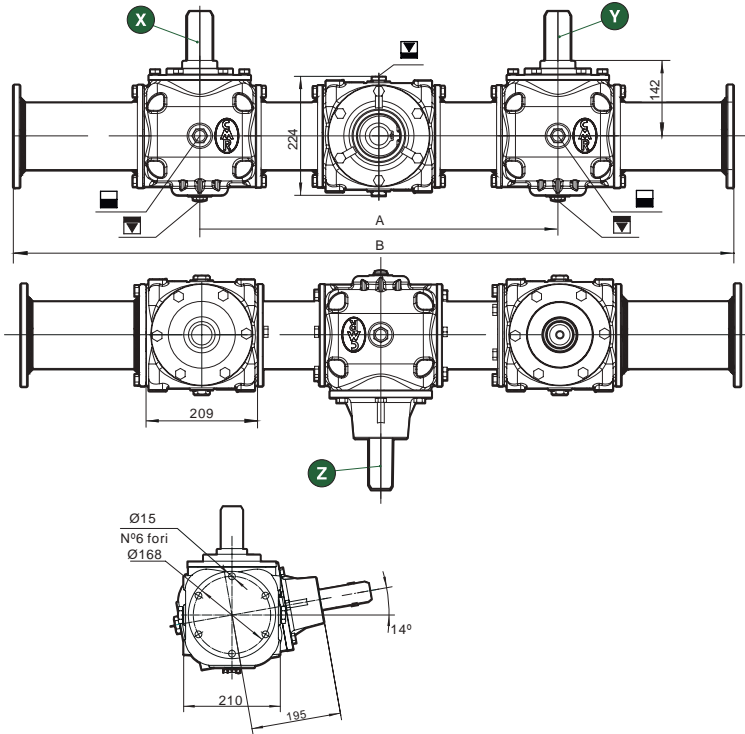
**Sensi di rotazione alberi / Shaft direction**



# SP-085



## Dimensioni / Dimensions

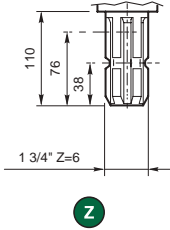


## Caratteristiche tecniche / Technical data

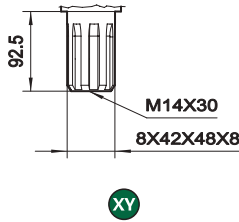
i	Input	Shafts		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	A	B	Alberi Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
1.38:1	cod.28	540	390	62(85)	1100	1518	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	620	1493	Vedi pagina seguente See next page
									700	1500	
									770	1710	
									910	2000	

**Alberi / Shafts**

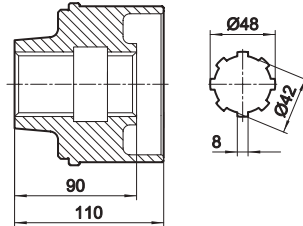
Ingresso/Input



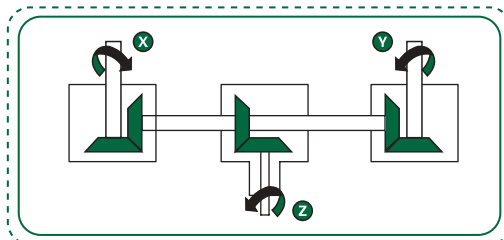
Uscita/Output



Boccola (opzionale) / Bush (optional)



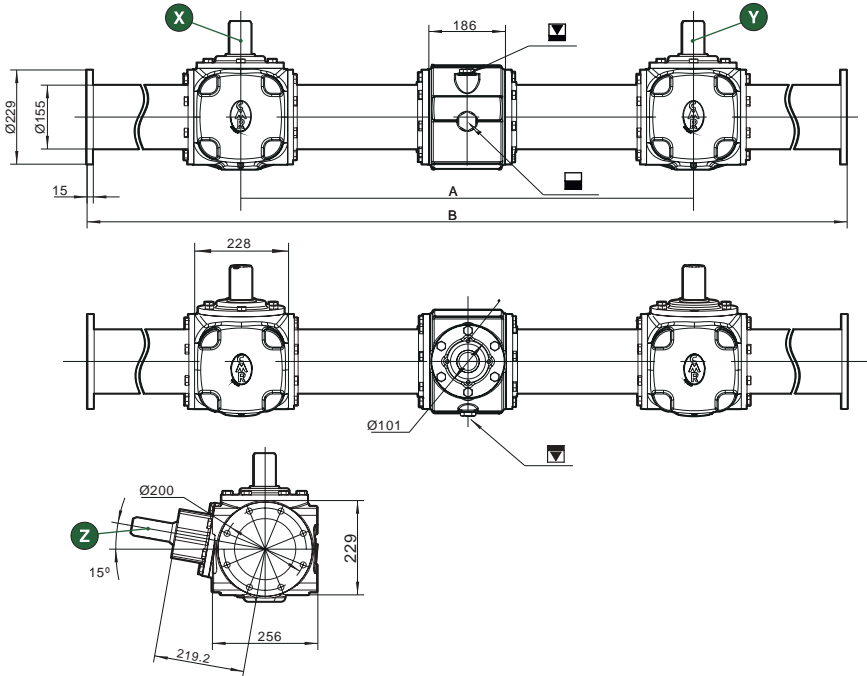
**Sensi di rotazione alberi / Shaft direction**



**SP-140** (cod.CG)



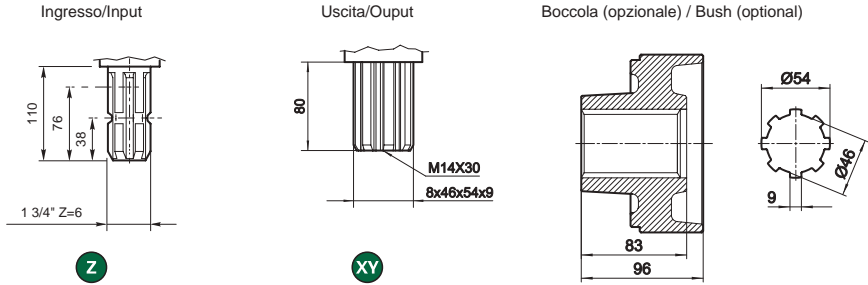
**Dimensioni / Dimensions**



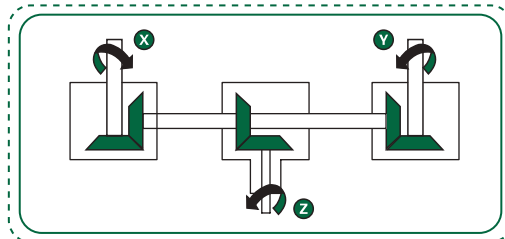
**Caratteristiche tecniche / Technical data**

i	Input	Shaft		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	A	B	Alberi Shafts
	Z	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
2.39:1	(cod.45)	1000	418	103(140)	983	2350	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth	700	1500	Vedi pagina seguente See next page
									710	1710	
									910	2000	
									960	2100	
2.66:1	(cod.66)	1000	376	99.5(135)	948	2524		(cod.R)	990	2200	
									1100	2380	

**Alberi / Shafts**



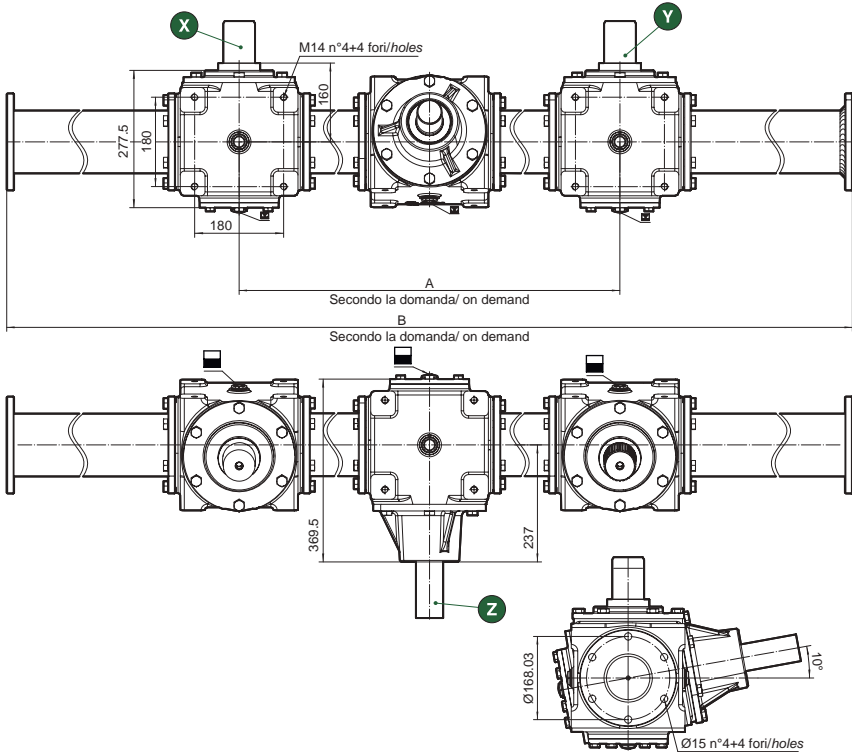
**Sensi di rotazione alberi / Shaft direction**



# SP-160 cod.CM



## Dimensioni / Dimensions

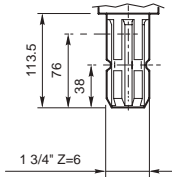


## Caratteristiche tecniche / Technical data

i	Input	Shafts		P <sub>i</sub> Kw(HP)	Torque		Materiale Material	Dentatura Toothing	A	B	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Z</span>	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output		T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
2.47:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.65</span>	1000	405	118(160)	1126	2782	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.R</span>	700 910 960 990 1100	1500 2000 2100 2200 2380	Vedi pagina seguente See next page

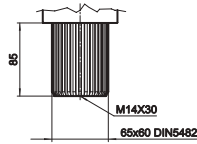
**Alberi / Shafts**

Ingresso/Input



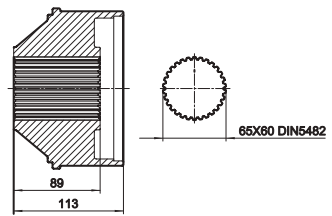
Z

Uscita/Output

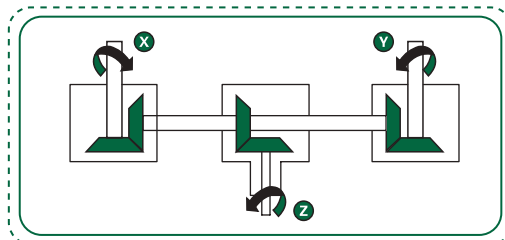


XY

Boccola (opzionale) / Bush (optional)



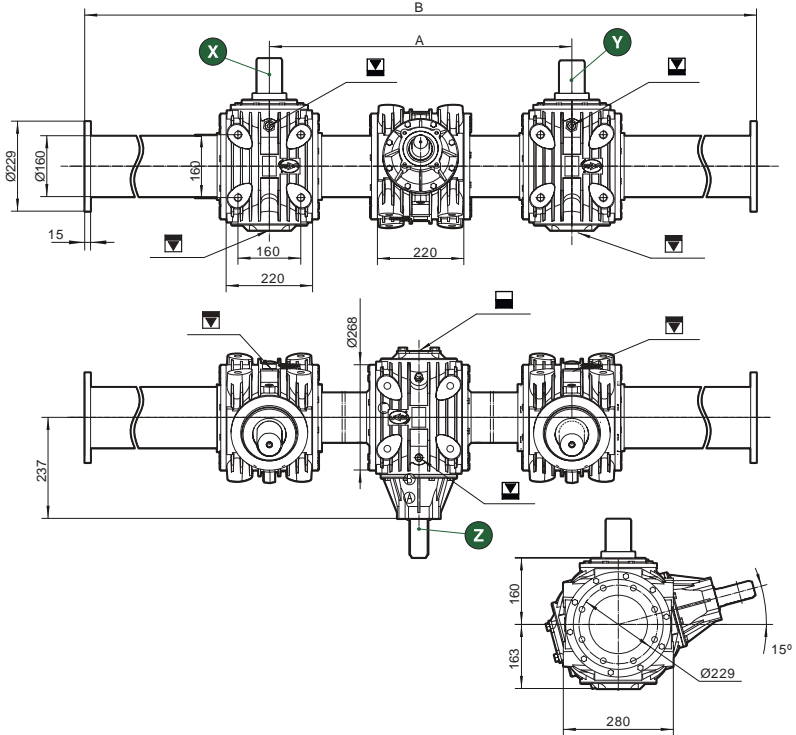
**Sensi di rotazione alberi / Shaft direction**



**SP-240** (cod.CH)



**Dimensioni / Dimensions**

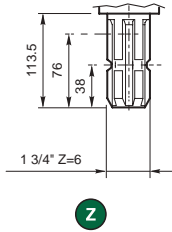


**Caratteristiche tecniche / Technical data**

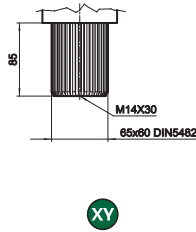
i	Input	Shaft		Sun	Planet		Materiale Material	Dentatura Toothing	A	B	Alberi Shafts
	Z	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)					
2.47:1	(cod.65)	1000	405	179(240)	170	2x2100	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth (cod.R)	700 770 910 990 1100	1500 1710 2000 2295 2380	Vedi pagina seguente See next page

**Alberi / Shafts**

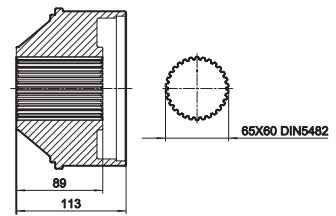
Ingresso/Input



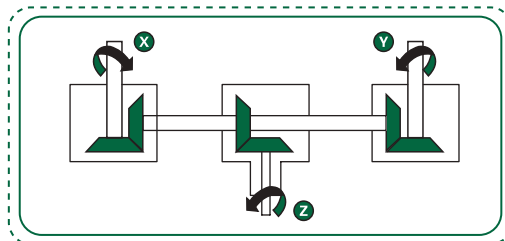
Uscita/Output















Boccola (opzionale) / Bush (optional)



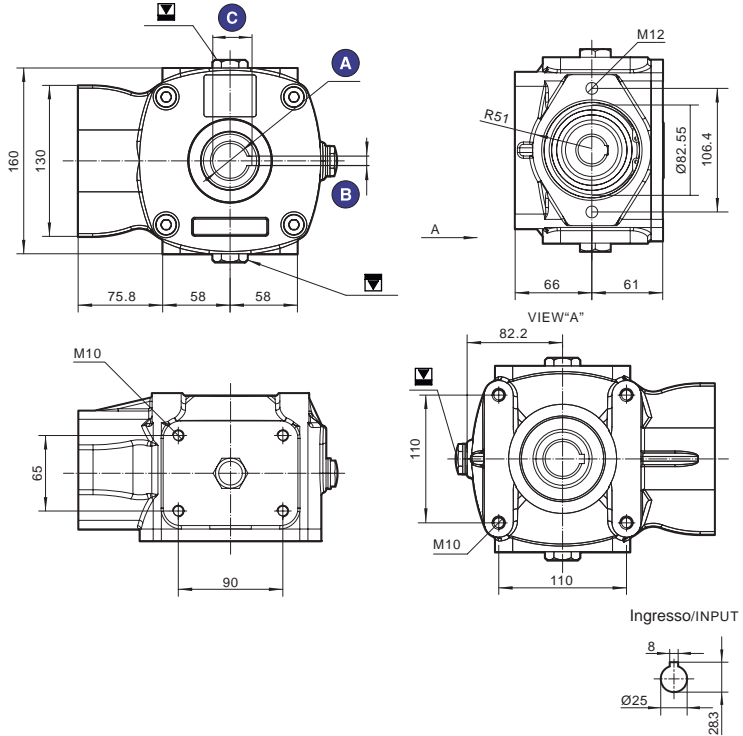
**Sensi di rotazione alberi / Shaft direction**





SERIE H		
H045		260
H090		261
H120		262
H145		263
H150B		264
H150		265
H190		266
H200		267
H300		268
H350		269
H400		270
H420		271
H500		272
H501		273
H650		274
H800		275

# H045 cod.


**Dimensioni / Dimensions**

**Caratteristiche tecniche / Technical data**

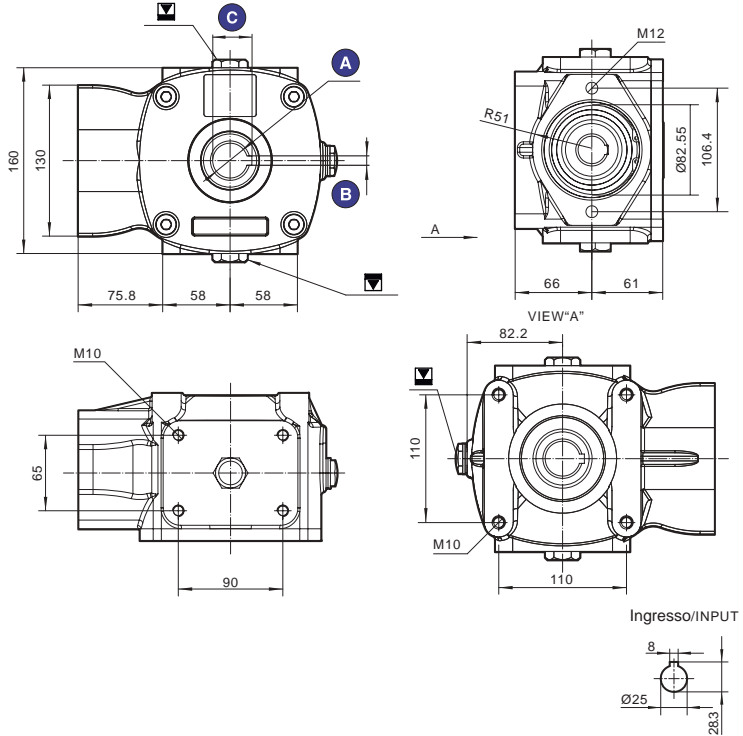
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
1.9:1	450	12	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
Ø30	8	33.3
Ø35	10	38.6

## H090 cod.09



### Dimensioni / Dimensions



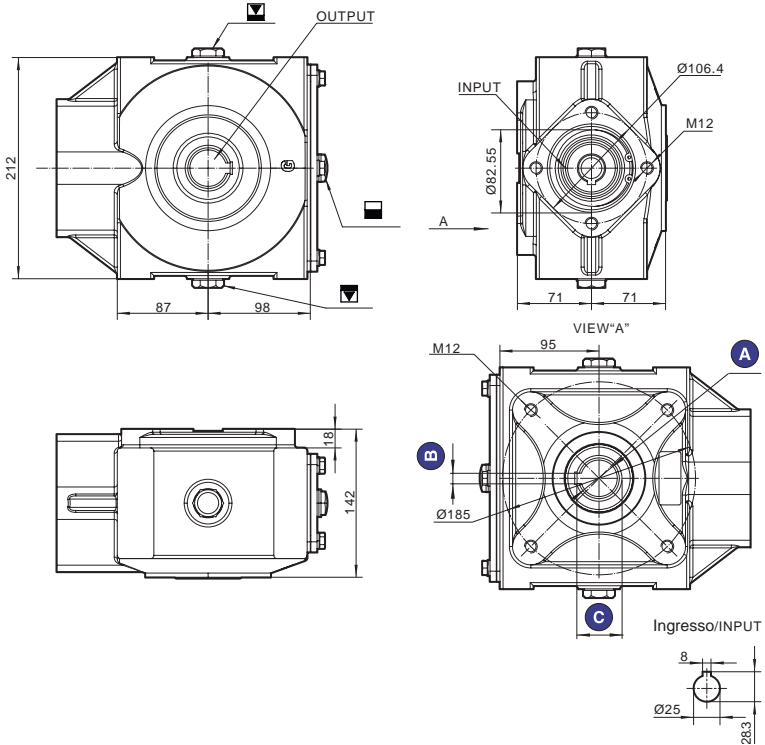
H045  
H090

### Caratteristiche tecniche / Technical data

Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
3.1:1	900	12	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
Ø30	8	33.3
Ø35	10	38.6

# H120 cod.12


**Dimensioni / Dimensions**

**Caratteristiche tecniche / Technical data**

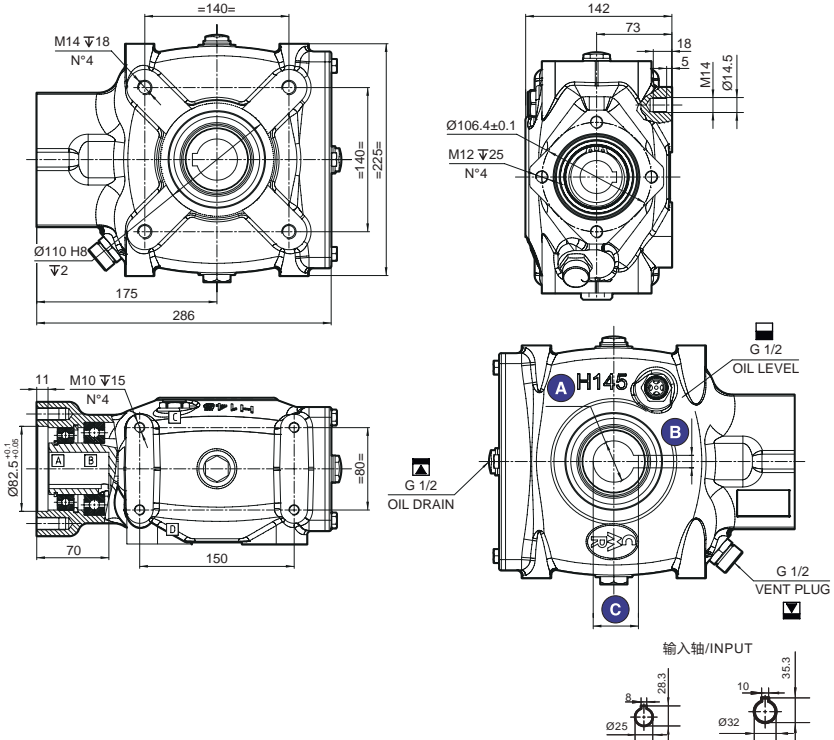
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
4.09:1	1200	18	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
Ø35	10	38.6
Ø40	12	43.3

# H145 cod.1J



## Dimensioni / Dimensions



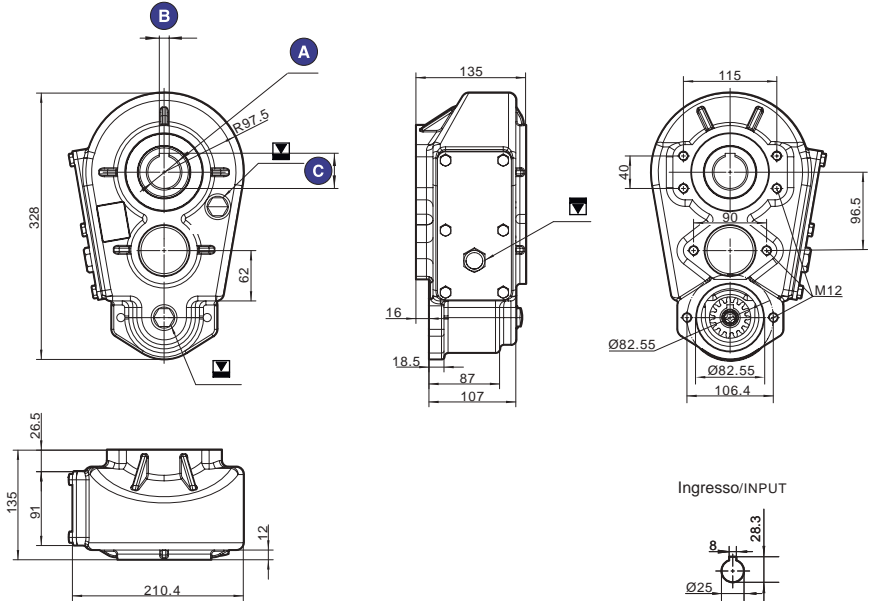
H120  
H145

## Caratteristiche tecniche / Technical data

Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
4.1:1	1500	21	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
Ø35	10	38.6
Ø40	12	43.8

# H150B cod.14


**Dimensioni / Dimensions**

**Caratteristiche tecniche / Technical data**

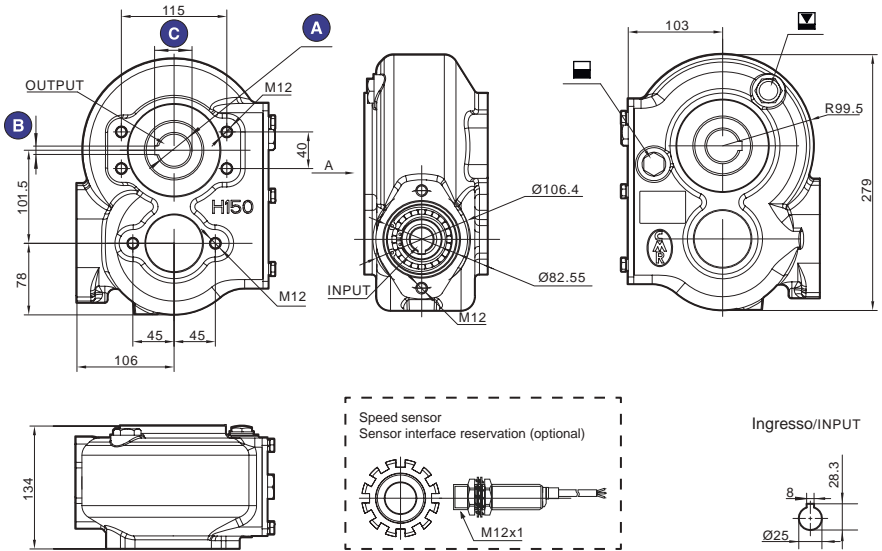
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
8.2:1 12.1:1	1500	20	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
$\varnothing 35$	10	38.6
$\varnothing 40$	12	43.3

# H150 cod.15



## Dimensioni / Dimensions



H150B  
H150

## Caratteristiche tecniche / Technical data

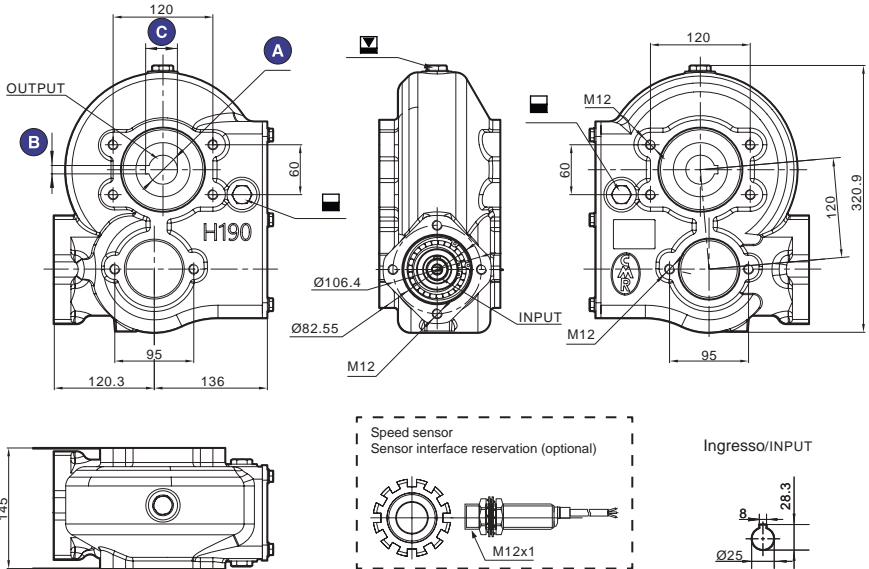
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
8.15:1	1500	18	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
Ø35	10	38.6
Ø40	12	43.3

## H190 cod.T1



### Dimensioni / Dimensions



### Caratteristiche tecniche / Technical data

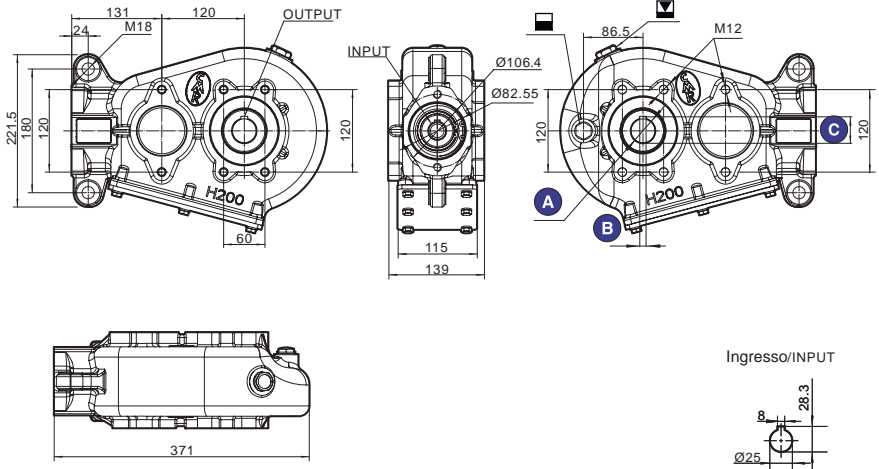
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
10.2:1	1900	28	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
Ø35	10	38.6
Ø40	12	43.3
Ø45	12	48.8

## H200 cod.20



### Dimensioni / Dimensions



H190  
H200

### Caratteristiche tecniche / Technical data

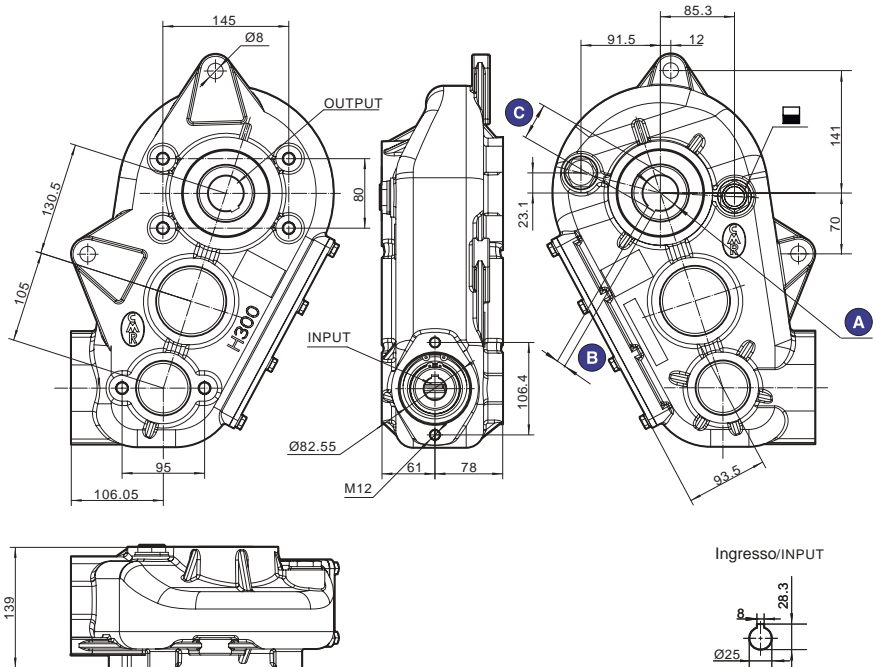
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
16.43:1	2000	28	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
Ø35	10	38.6
Ø40	12	43.3
Ø45	12	48.8

## H300 cod.30



### Dimensioni / Dimensions



Ingresso/INPUT

### Caratteristiche tecniche / Technical data

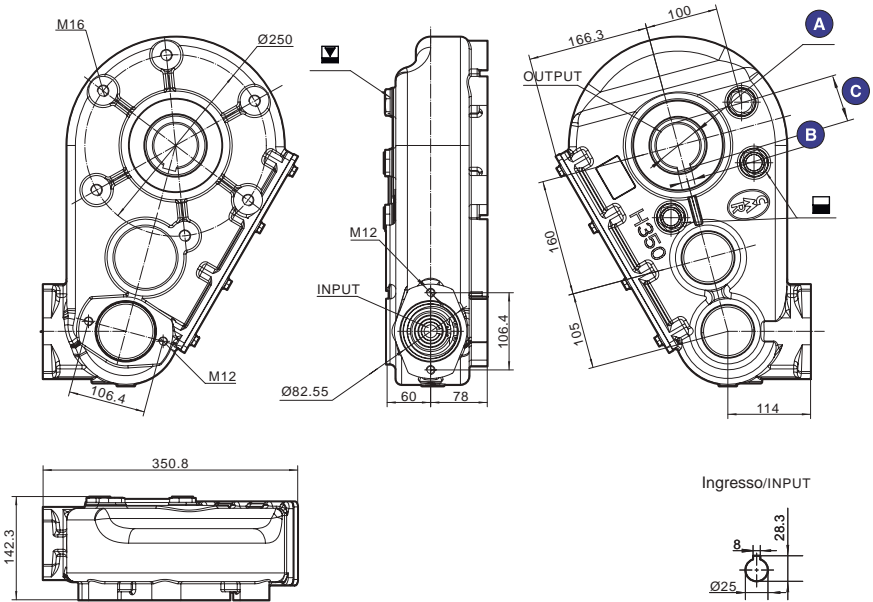
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
29.5:1	3000	37	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
Ø35	10	38.6
Ø40	12	43.3
Ø45	12	48.8

# H350 cod.35



## Dimensioni / Dimensions



H300  
H350

## Caratteristiche tecniche / Technical data

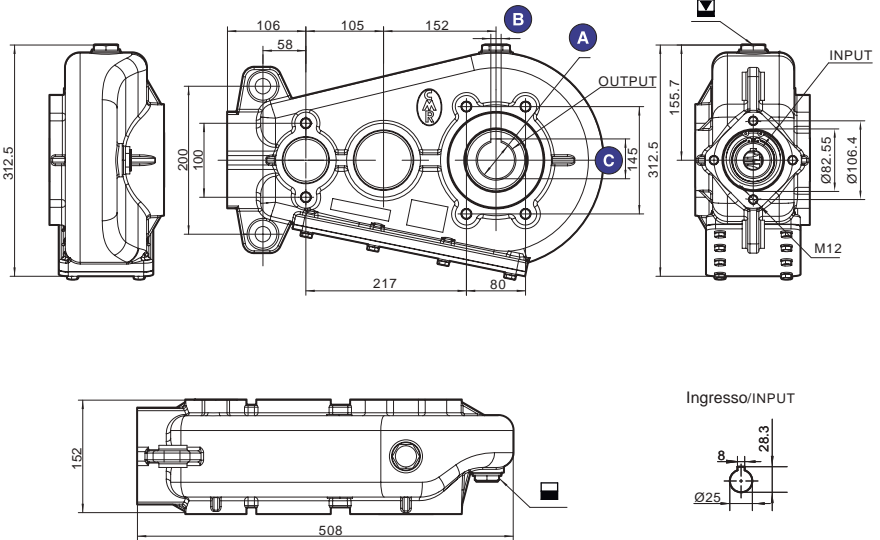
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
12.1:1	3500	47	Olio riduttore Gear oil SAE90EP	-20° / +80°
24.3:1				
38.3:1				

A	B	C
Ø45	14	48.8
Ø50	14	53.2
Ø60	18	64.4

## H400 cod.40



### Dimensioni / Dimensions



### Caratteristiche tecniche / Technical data

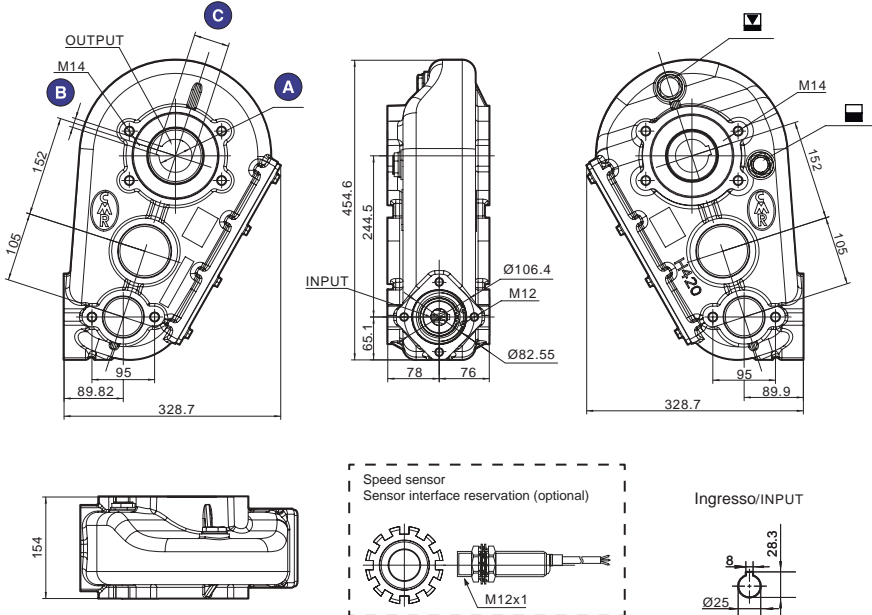
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
35.35:1	4000	57	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
Ø50	14	53.8
Ø55	16	59.3
Ø60	18	64.4

# H420 cod.T1



## Dimensioni / Dimensions



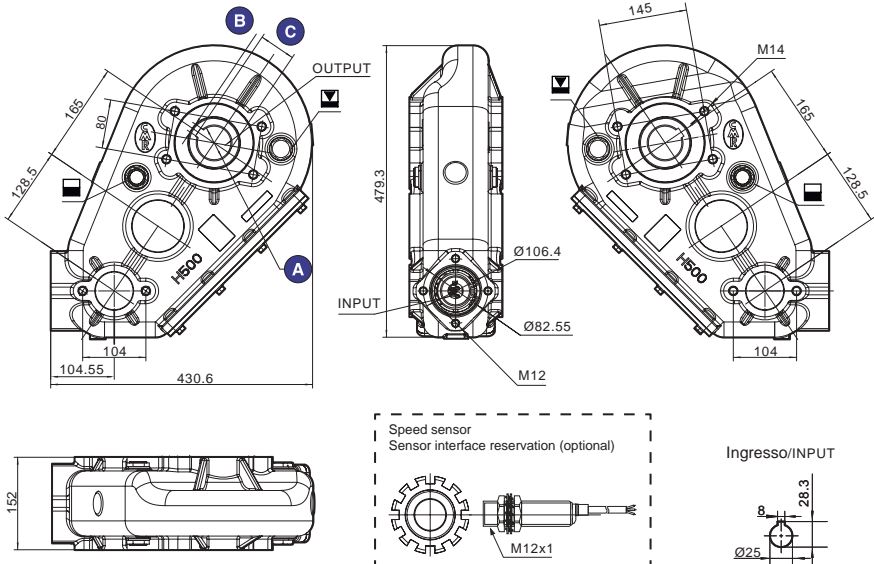
H400  
H420

## Caratteristiche tecniche / Technical data

Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
35.35:1	4000	46	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
Ø50	14	53.8
Ø55	16	59.3
Ø60	18	64.4

# H500 (cod.50)


**Dimensioni / Dimensions**

**Caratteristiche tecniche / Technical data**

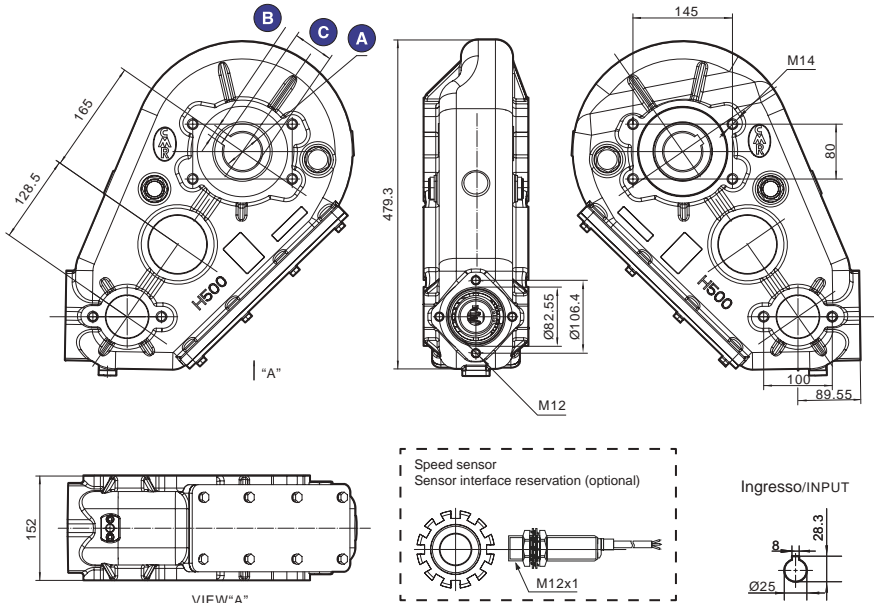
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
43.6:1	5000	57	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
Ø50	14	53.8
Ø55	16	59.3
Ø60	18	64.4

## H501 cod.T1



### Dimensioni / Dimensions



H500  
H501

### Caratteristiche tecniche / Technical data

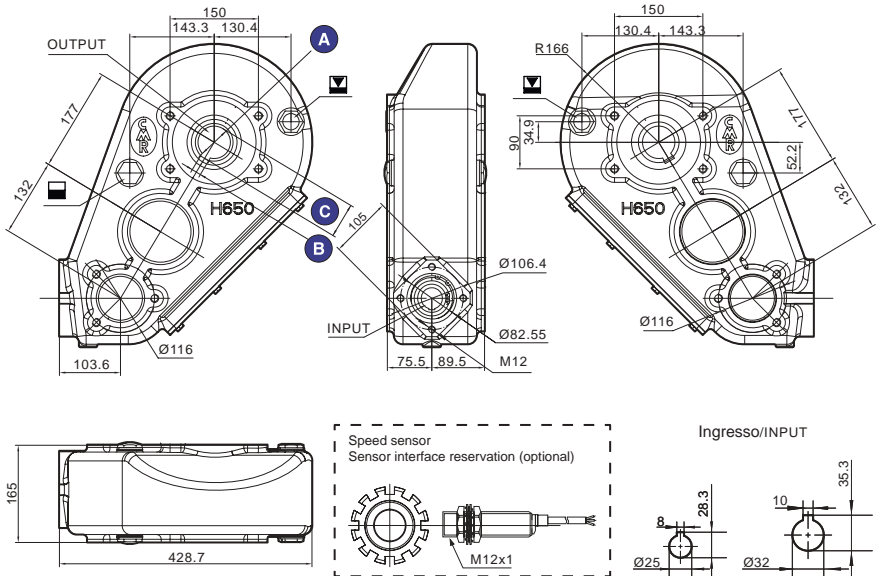
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
43.6:1	5000	55	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
Ø50	14	53.8
Ø55	16	59.3
Ø60	18	64.4

# H650 cod.65



## Dimensioni / Dimensions



## Caratteristiche tecniche / Technical data

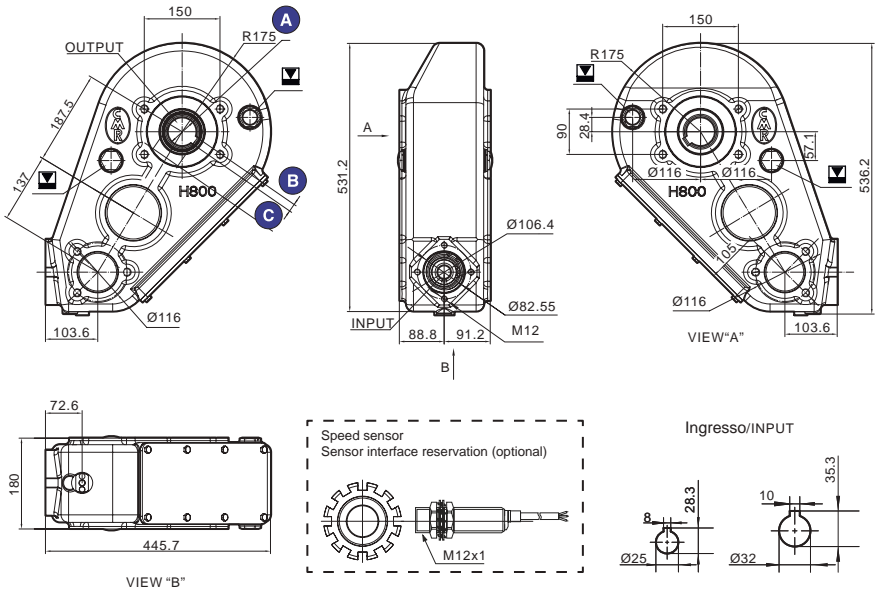
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
37.8:1	6500	68	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
$\varnothing 55$	16	59.3
$\varnothing 60$	18	64.4
$\varnothing 65$	18	69.4

## H800 cod.80



### Dimensioni / Dimensions






H650  
H800

### Caratteristiche tecniche / Technical data

Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
31.67:1	8000	80	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
Ø55	16	59.3
Ø60	18	64.4
Ø65	18	69.4

SERIE P			
<b>P20</b>		Fasciatori Wrapper	278
<b>P35</b>		Trituratori - cippatrici Wood chipper - Grinder	280
<b>P35C</b>		Gruppi elettrogeni Generators	282
<b>P45</b>	 	Scardoliva Olive Booster	284
<b>P45C</b>		Gruppi elettrogeni Generators	286
<b>P62</b>			288
<b>PR4</b>			290
<b>PR6</b>			292

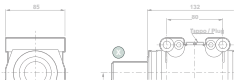
Codifica/Code							
Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
<b>S</b>	<b>P</b>	<b>64</b>	<b>66</b>	<b>00</b>	<b>01</b>	<b>96</b>	<b>P</b>
S	P	(cod.64) ↑ P35E ..	(cod.66) ↑ 1:7 ..	(cod.00)	(cod.01) ↑  ..	(cod.96) ↑  ..	(cod.P) ↑  ..
		vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page		vedi pagine dedicate see dedicated page	



(cod.64)

applicazioni Preparazione del terreno/Trinci  
Applications Land preparation / Fall mowers

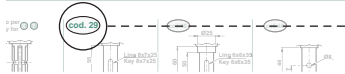
Dimensioni Dimensions



### Caratteristiche tecniche/Technical data

	$n_1$	$n_2$	$P_1$	$T_{in}$	$T_{out}$	Numero teeth
	[rpm]	[rpm]	[kW]	[Nm]	[Nm]	
3.25:	(cod.53)	540	2.25	420	420	24

Shafts



(cod.29)

Sensi di rotazione alberi/Shaft rotation directions



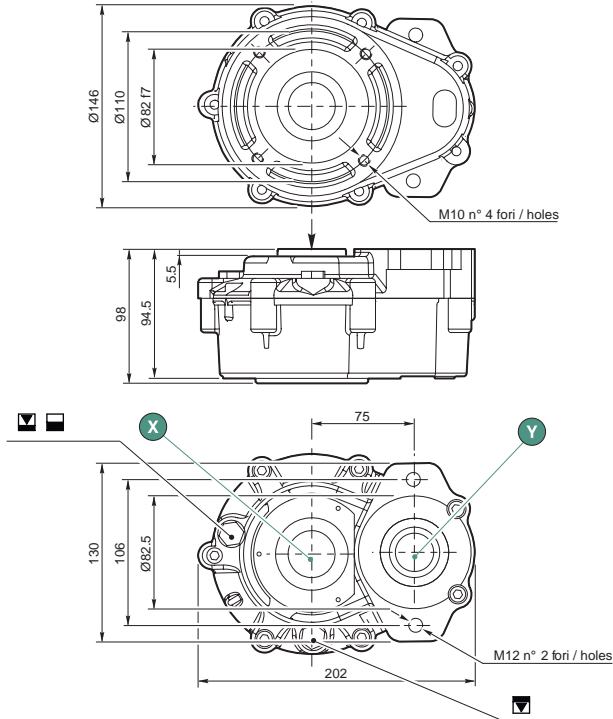
(cod.P)



**P20** (cod.61)



**Dimensioni / Dimensions**

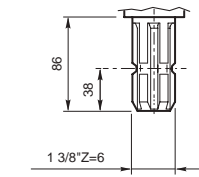


**Caratteristiche tecniche / Technical data**

i	Input		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
2.93:1	(cod.29)	540	13.2(18)	232	680	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cylindrical Helical Teeth	8.8	0.8	Vedi pagina seguente See next page

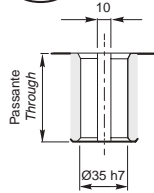
**Alberi / Shafts**

cod.01

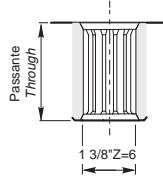


X Y

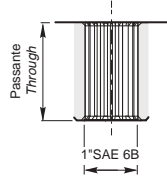
cod.74



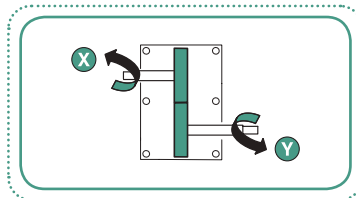
cod.75



cod.82



**Sensi di rotazione alberi / Shaft direction**



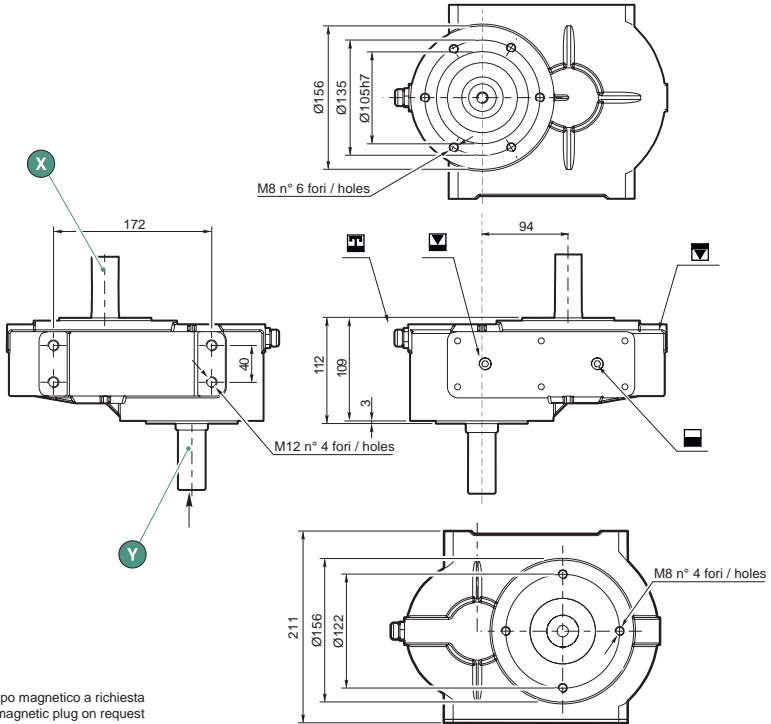
cod.P

Scatole ad assi paralleli  
Parallel Shaft Gear Unit

**P35** (cod.64)



**Dimensioni / Dimensions**

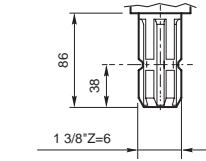


**Caratteristiche tecniche / Technical data**

i	Input	Input		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
1:7	(cod.88)	540	3780	27/36	476	68	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrical Helical Teeth	16	0.8	Vedi pagina seguinte See next page
1:5.4	(cod.25)	540	2916	27/36	476	95					
1:3.4	(cod.19)	540	1836	38.7/51.9	684	201					
1:1.5	(cod.53)	540	810	27/36	476	300					
1.5:1	(cod.88)	540	360	18/25	300	450					

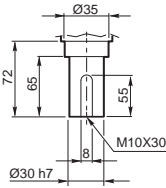
**Alberi / Shafts**

cod.01



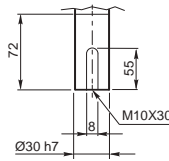
X

cod.18



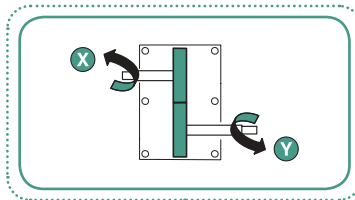
Y

cod.15



Y

**Sensi di rotazione alberi / Shaft direction**



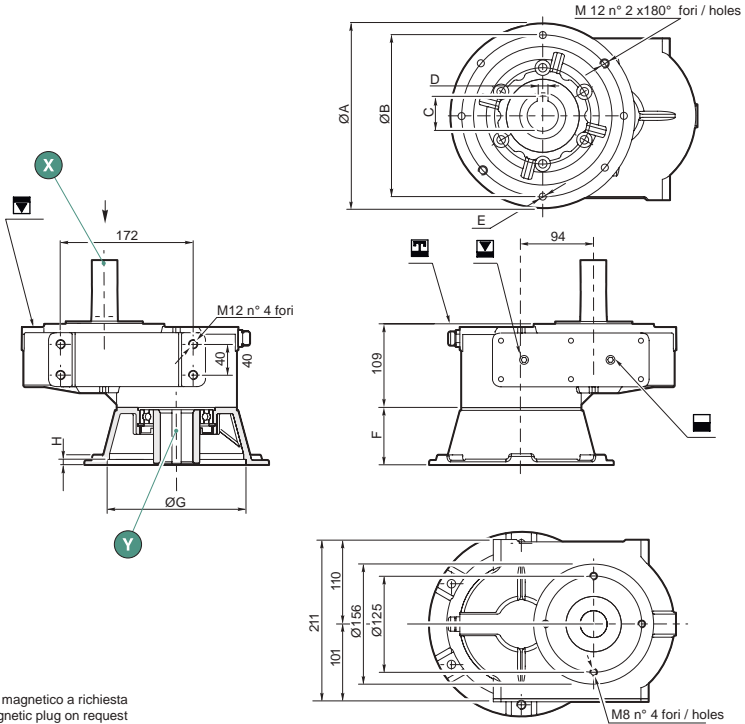
cod.P

Scatole ad assi paralleli  
Parallel Shaft Gear Unit

**P35C** (cod.64)



**Dimensioni / Dimensions**

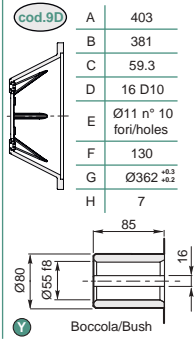
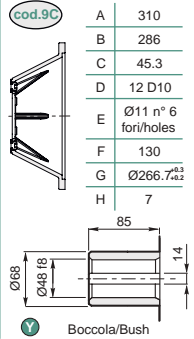
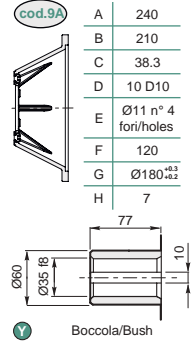
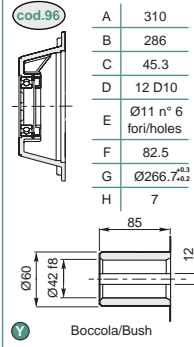
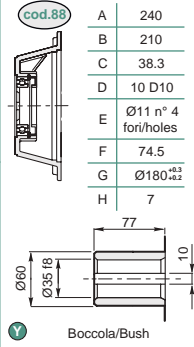
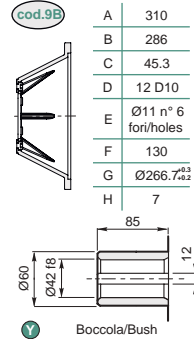
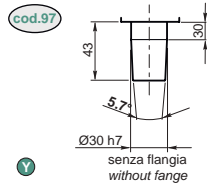
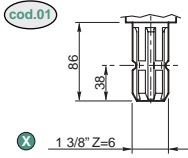


\*\* tappo magnetico a richiesta  
magnetic plug on request

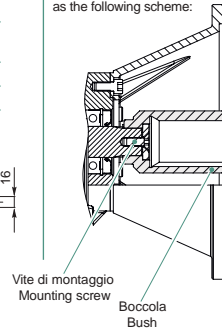
**Caratteristiche tecniche / Technical data**

i	Input	Shaft		Gear		Coupling		Material	Dentatura Toothing	KG	LT	Alberi Shafts
		$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)						
1:6.9	(cod.80)	419	2900	17/23	387	55	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cylindrical Helical Teeth	22	0.8	Vedi pagina seguinte See next page	
		505	3500	20/27	380	55						
1:3.73	(cod.82)	408	1500	20/27	457	457	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cylindrical Helical Teeth	22	0.8	Vedi pagina seguinte See next page	
		483	1800	23/31	451	451						
1:3.4	(cod.19)	440	1500	30/40	651	651	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cylindrical Helical Teeth	22	0.8	Vedi pagina seguinte See next page	
		530	1800	36/48	642	642						

**Alberi / Shafts**

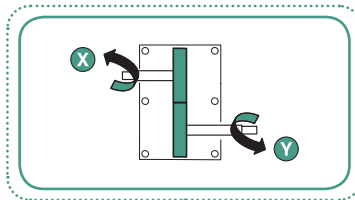


Per cod. 9A, 9B, 9C e cod.9D, boccole rimovibili e sostituibili come da schema seguente:  
For code 9A, 9B, 9C and 9D, the bushes are removable/replaceable as the following scheme:



	<b>cod.88</b>	<b>cod.9E</b>	<b>cod.9C</b>	<b>cod.9D</b>	<b>cod.96</b>	<b>cod.9A</b>
[kg]	22	27	27	29	24.5	24

**Sensi di rotazione alberi / Shaft direction**

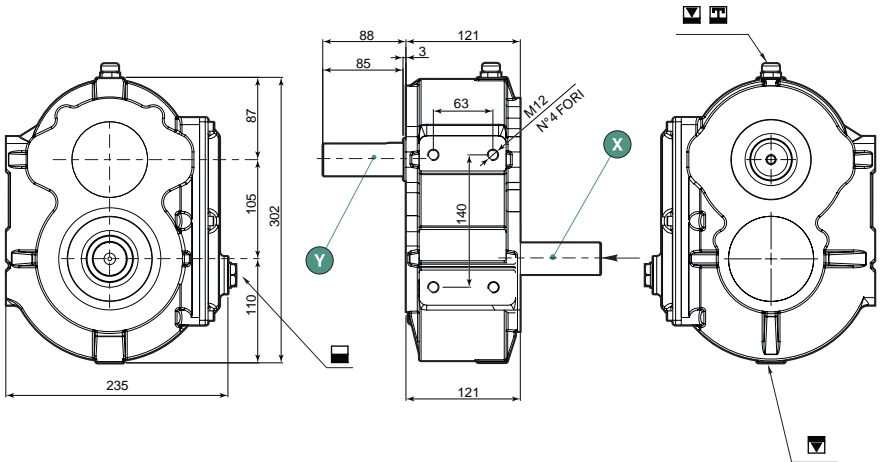


**cod.P** Scatole ad assi paralleli  
Parallel Shaft Gear Unit

**P45** (cod.69)



**Dimensioni / Dimensions**

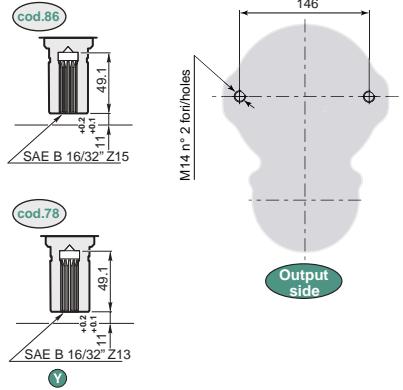
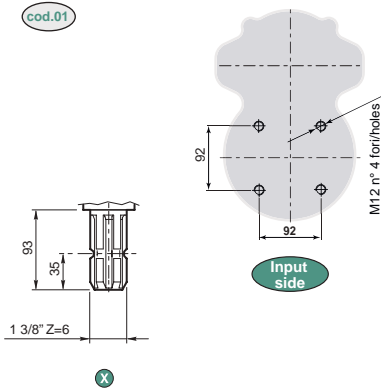
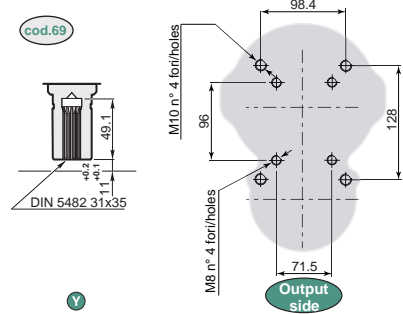
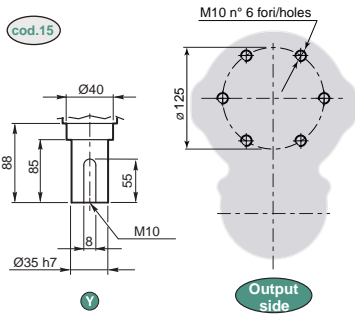


\*\* tappo magnetico a richiesta  
magnetic plug on request

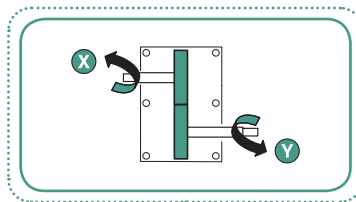
**Caratteristiche tecniche / Technical data**

i	Input	Shaft		Gear		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	X	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)					
1:7	(cod.88)	540	3780	44/60	778	115	Ghisa G25 Gray Cast iron Cilindrica denti elicoidali Cylindrical Helical Teeth	22	1.5	Vedi pagina seguente See next page
1:3.73	(cod.82)	540	2014	45/61	796	225				
1:3.47	(cod.25)	540	1874	50/68	884	255				

**Alberi / Shafts**



**Sensi di rotazione alberi / Shaft direction**

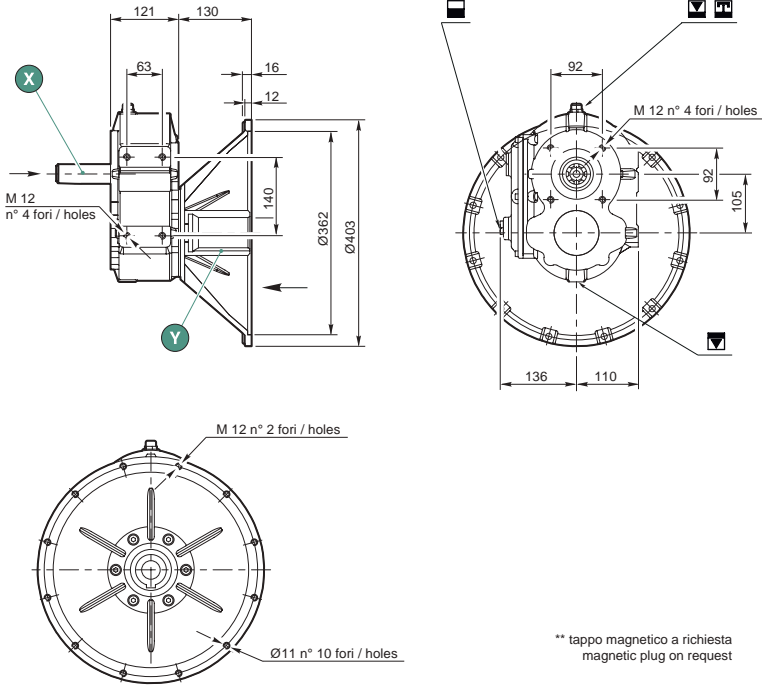


**cod.P** Scatole ad assi paralleli  
Parallel Shaft Gear Unit

**P45C** (cod.69)



**Dimensioni / Dimensions**

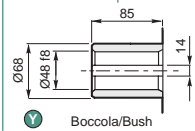
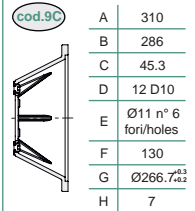
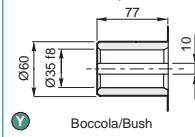
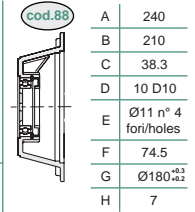
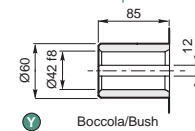
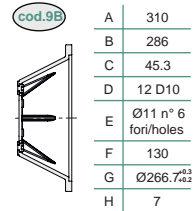
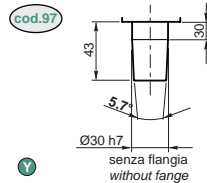
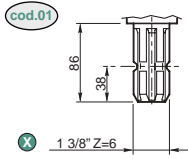


\*\* tappo magnetico a richiesta  
magnetic plug on request

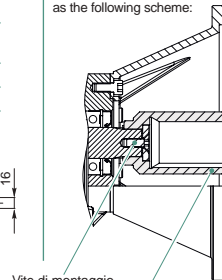
**Caratteristiche tecniche / Technical data**

i	Input	Input		Output	Output		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	X	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1:6.9	(cod.88)	420 509	2900 3500	20/27 23/31	443 436	65 63	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrical Helical Teeth	22	1.5	Vedi pagina seguente See next page
1:3.47	(cod.2x)	432 518	1500 1800	41/55 4865	897 884	255 255					

**Alberi / Shafts**

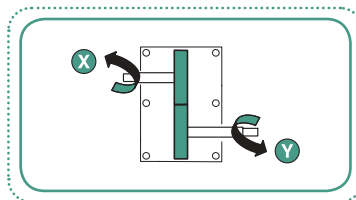


Per cod. 9A, 9B, 9C e cod.9D, boccole rimovibili e sostituibili come da schema seguente:  
For code 9A, 9B, 9C and 9D, the bushes are removable/replaceable as the following scheme:

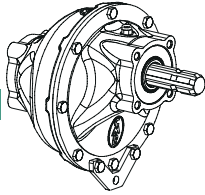


	<b>cod.88</b>	<b>cod.9E</b>	<b>cod.9C</b>	<b>cod.9D</b>	<b>cod.96</b>	<b>cod.9A</b>
[kg]	22	27	27	29	24.5	24

**Sensi di rotazione alberi / Shaft direction**

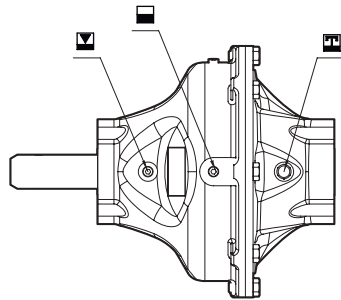
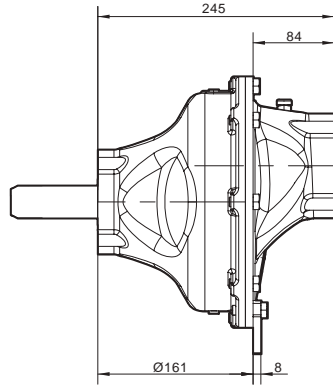
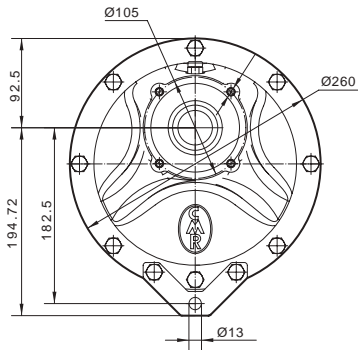


**cod.P** Scatole ad assi paralleli  
Parallel Shaft Gear Unit










**P62** (cod.69)

**Dimensioni / Dimensions**

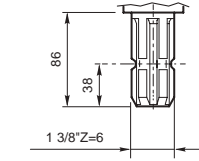


**Caratteristiche tecniche / Technical data**

i	Input						Materiale Material	Dentatura Toothing	 KG	 LT	 Alberi Shafts
		$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)					
1:1.88	(cod.12)	540	1015	55/75	973	517	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrica Teeth	22	1.5	Vedi pagina seguente See next page
1.88:1	(cod.37)	1000	532	55/75	525	987					

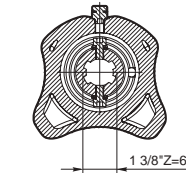
**Alberi / Shafts**

cod.01



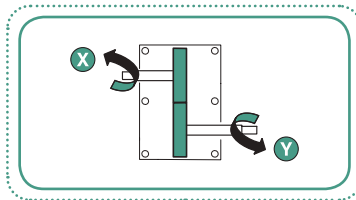
X Y

cod.75



X Y

**Sensi di rotazione alberi / Shaft direction**

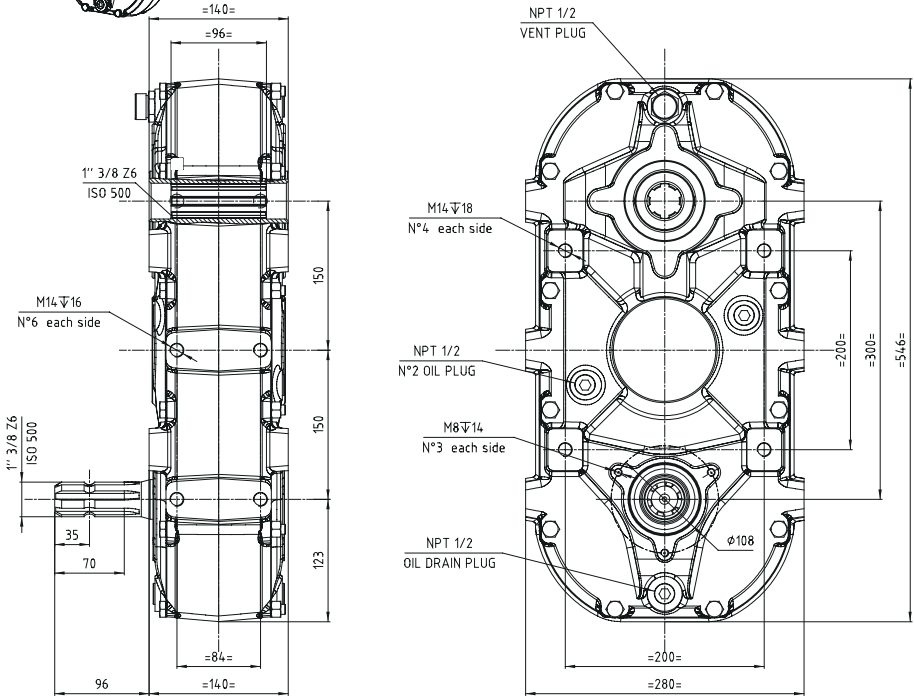
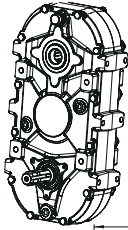


cod.P

Scatole ad assi paralleli  
Parallel Shaft Gear Unit

**PR4** cod.4R

**Dimensioni / Dimensions**

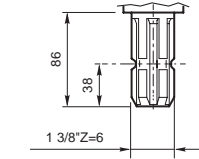


**Caratteristiche tecniche / Technical data**

i	Input	Gears		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	$\otimes$	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
1:1	<small>cod.08</small>	540	540	73.5(100)	1320	1320	Ghisa G25 Gray Cast iron	Cilindrica denti elicoideali Cilindrica Teeth	52	3.9	Vedi pagina seguente See next page
1.94:1	<small>cod.20</small>	540	278	59(80)	1850	1061					

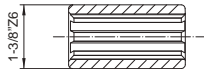
**Alberi / Shafts**

cod.01



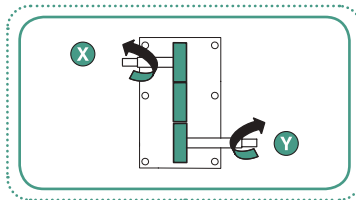
X Y

cod.75



X Y

**Sensi di rotazione alberi / Shaft direction**

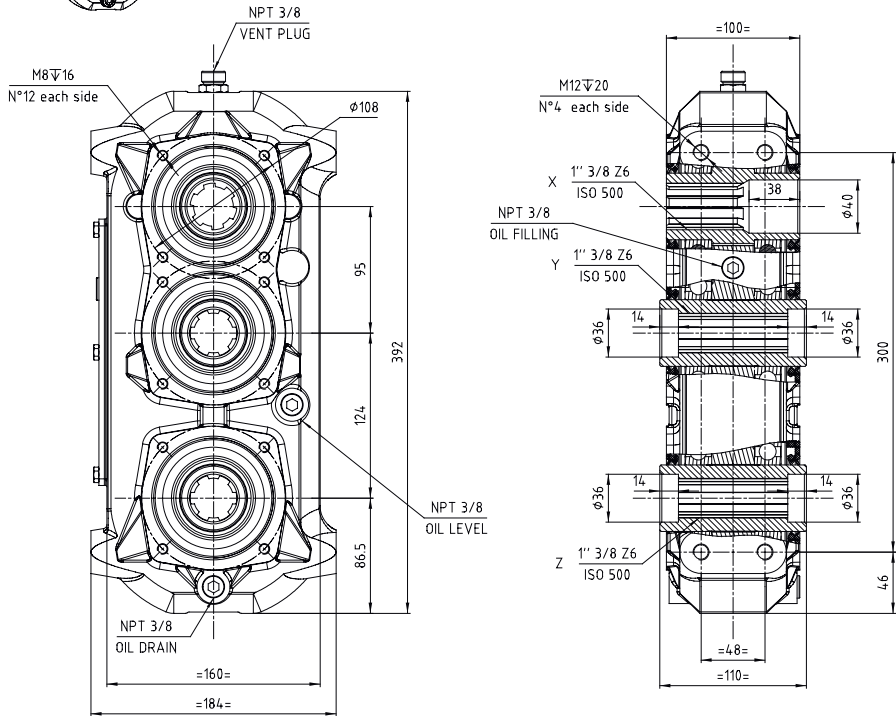
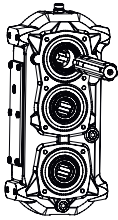


cod.P

Scatole ad assi paralleli  
Parallel Shaft Gear Unit

**PR6** (cod.6R)

**Dimensioni / Dimensions**

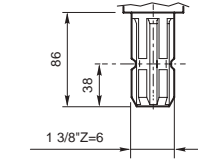


**Caratteristiche tecniche / Technical data**

i	Input	Input/Output		Power	Torque		Material	Tooth Profile	Weight	Lubrication	Shafts
	<input checked="" type="checkbox"/>	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
INPUT X 1:2	(cod.6R)	540	1080	44(59)	380	780	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrica Teeth	26	1.1	Vedi pagina seguente See next page
INPUT Y 2:1		1000	500		818	422					

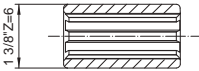
**Alberi / Shafts**

cod.01

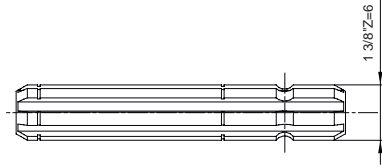


X Y

cod.75

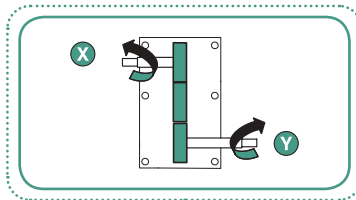


X Y








PR6




**Sensi di rotazione alberi / Shaft direction**



cod.P

Scatole ad assi paralleli  
Parallel Shaft Gear Unit

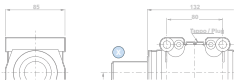
SERIE PA	
<b>PA25</b>	 <b>296</b>
<b>PA30</b>	 <b>298</b>
<b>PA50</b>	 <b>300</b>
<b>PA60</b>	 <b>302</b>
<b>PA60F</b>	 <b>304</b>

Codifica/Code							
Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
<b>S</b>	<b>P</b>	<b>63</b>	<b>72</b>	<b>00</b>	<b>01</b>	<b>18</b>	<b>P</b>
S	P	(cod.63) ↑ P30 ..	(cod.72) ↑ 1:4 ..	(cod.00)	(cod.01) ↑  ..	(cod.06) ↑  ..	(cod.P) ↑  ..
		vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page			vedi pagine dedicate see dedicated page



(cod.63)

Preparazione/Preparation del terreno/Terrace preparation - Fall mowers  
Dimensions/Dimensioni

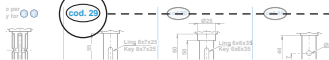


Caratteristiche tecniche/Technical data

	$n_1$	$n_2$	$P_1$	$T_{1n}$	$T_{2n}$	Numero teeth
	[rpm]	[rpm]	[kW]	[Nm]	[Nm]	
3.25:	(cod.53)	347	3.25	1.1	1.1	18
4.0:	4.0	4.0	4.0	4.0	4.0	4.0

Shafts:

(cod.29)



Sensi di rotazione alberi/shaft rotation directions

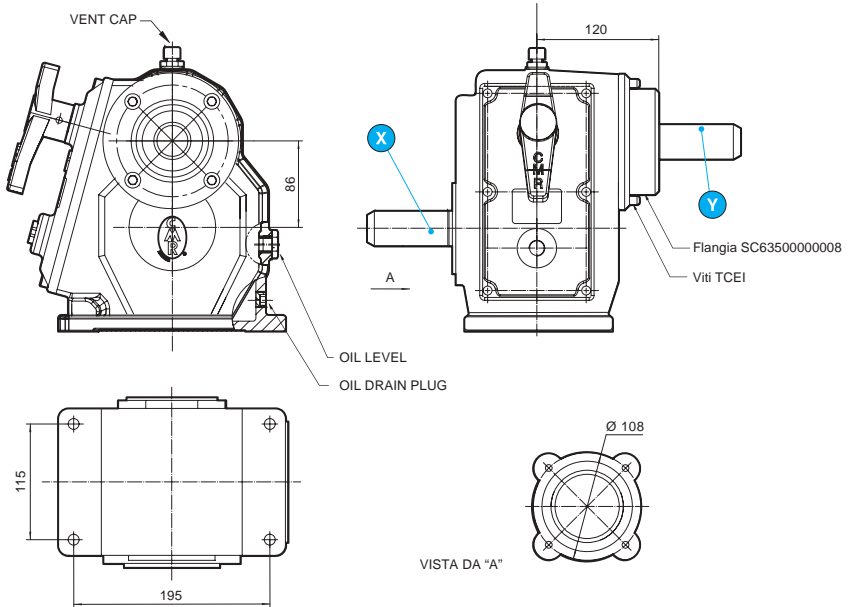


(cod.P)

# PA25 cod.62



## Dimensioni / Dimensions

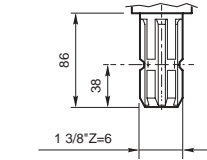


## Caratteristiche tecniche / Technical data

i	Input	Gears		P <sub>1</sub> Kw(HP)	Torque		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X</span> n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	T <sub>1</sub> N.m(input)		T <sub>2</sub> N.m(output)						
1:4	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.70</span>	540	2140	22(30)	389	97	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrical Helical Teeth	16	0.6	Vedi pagina seguinte See next page

Alberi / Shafts

cod.01



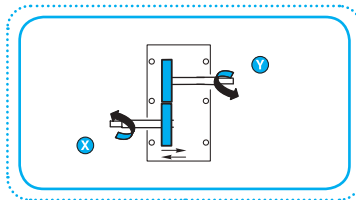
X

Per alberi differenti contattare reparto tecnico CMR

For different shafts please contact CMR Technical Department.

Y

Sensi di rotazione alberi / Shaft direction



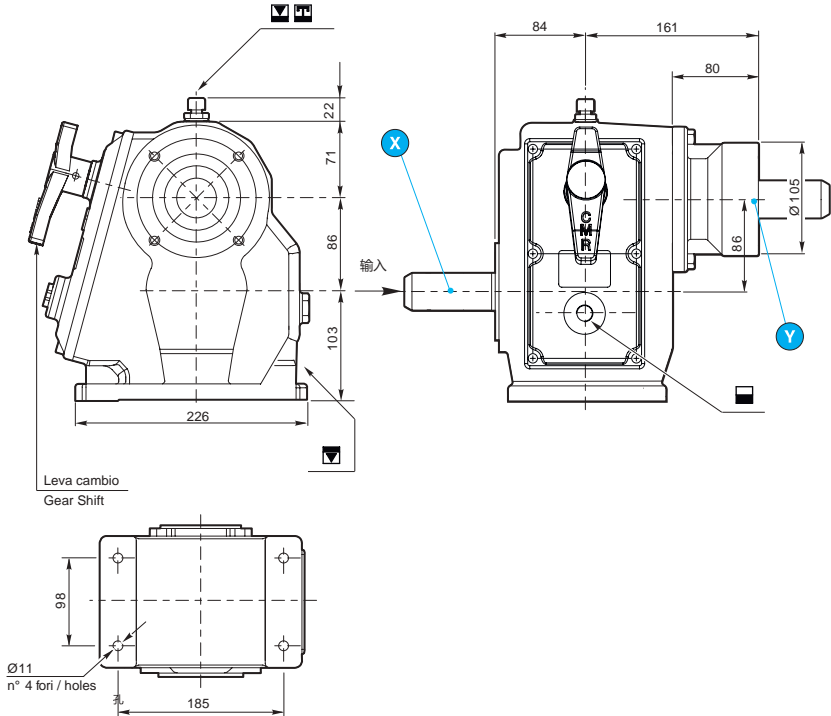
cod.P

Scatole ad assi paralleli  
Parallel Shaft Gear Unit

# PA30 cod.63



## Dimensioni / Dimensions

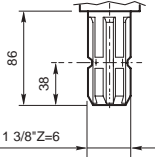


## Caratteristiche tecniche / Technical data

i	Input	Gears		Power			Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X</span>	$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)					
1:4 1:2.95	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.70</span>	540	2160	29/39.4	407	102	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrical Helical Teeth	27.3	1.7	Vedi pagina seguinte See next page
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.40</span>	540	1593	21.5/29.2	365	124					
1:4.9 1:4	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.40</span>	540	2646	23/31.3	407	83	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrical Helical Teeth	27.3	1.7	Vedi pagina seguinte See next page
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.40</span>	540	2160	29/39.4	407	102					

Alberi / Shafts

cod.01



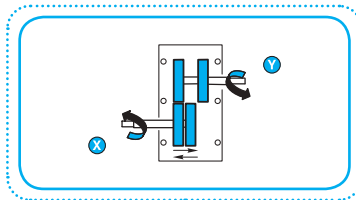
X

Per alberi differenti contattare reparto tecnico CMR

For different shafts please contact CMR Technical Department.

Y

Sensi di rotazione alberi / Shaft direction



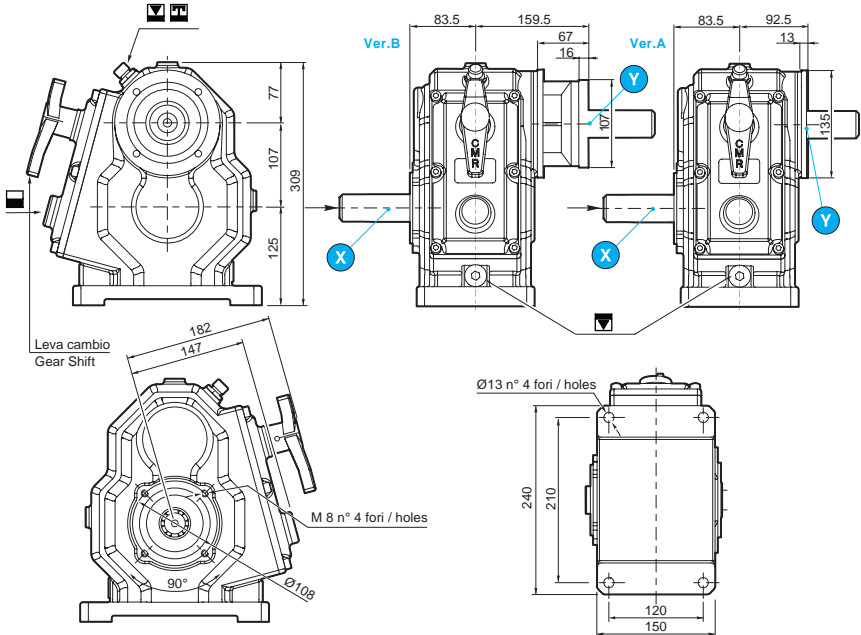
cod.P

Scatole ad assi paralleli  
Parallel Shaft Gear Unit

## PA50 cod.66



### Sensi di rotazione alberi / Shaft direction

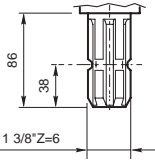


### Caratteristiche tecniche / Technical data

i	Input	Gears		Shaft		Materiale Material	Dentatura Tothing	KG	LT	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X</span>	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)					
1:7.2	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.80</span>	540	3888	23.5/32	396	55	Ghisa G25 Gray Cast iron	32	2.0	Vedi pagina seguinte See next page
1:3.6 1:3	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.90</span>	540	1944	35.3/48	597	166				
		540	1620	29.5/40.1	501	167				
1:3.9 1:3	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.71</span>	540	2160	33/44.9	561	144				
		540	1620	29.5/40.1	501	167				
1:5 1:3.9	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.40</span>	540	2700	35.3/48	600	120				
		540	2106	33/44.9	561	144				

Alberi / Shafts

cod.01



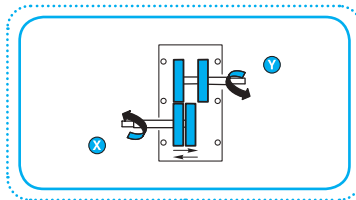
X

Per alberi differenti contattare reparto tecnico CMR

For different shafts please contact CMR Technical Department.

Y

Sensi di rotazione alberi / Shaft direction



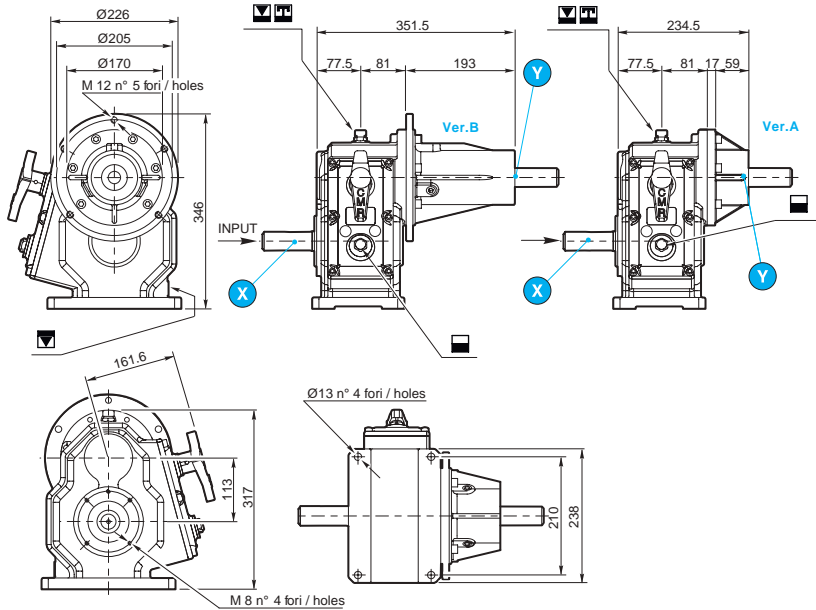
cod.P

Scatole ad assi paralleli  
Parallel Shaft Gear Unit

**PA60** (cod.60)



Sensi di rotazione alberi / Shaft direction

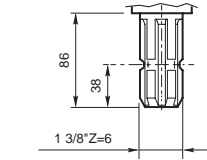


**Caratteristiche tecniche / Technical data**

i	Input	Gears		Power	Torque		Material	Toothing	KG	LT	Shafts
	⊗	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1:3.88	(cod.87)	540	2095	43/58	729	188	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrical Helical Teeth	41	2.1	Vedi pagina seguinte See next page
1:4.5	(cod.71)	540	2430	49/66.6	832	185					
1:3.6	(cod.71)	540	1944	43/58.5	730	203					
1:5.5	(cod.86)	540	2970	49/46.6	830	151					
1:4.5	(cod.86)	540	2430	49/46.6	832	185					
1:5.5	(cod.76)	540	2970	49/46.6	830	151					
1:5	(cod.76)	540	2700	49/46.6	830	166					
1:6	(cod.77)	540	3240	52/70.7	882	147					
1:4	(cod.77)	540	2160	53/72.1	760	225					
1:7.5	(cod.76)	540	4050	38/51.7	645	86					
1:7	(cod.76)	540	3780	38/51.7	644	92					

Alberi / Shafts

cod.01



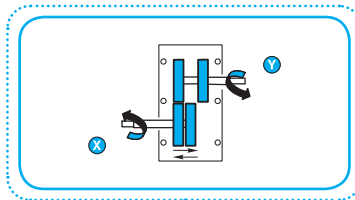
X

Per alberi differenti contattare reparto tecnico CMR

For different shafts please contact CMR Technical Department.

Y

Sensi di rotazione alberi / Shaft direction



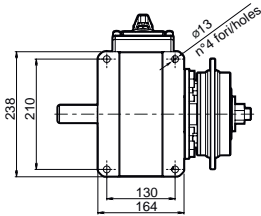
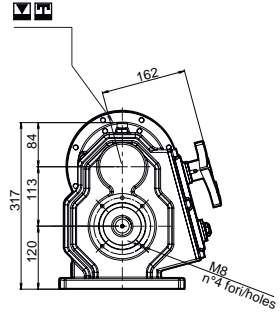
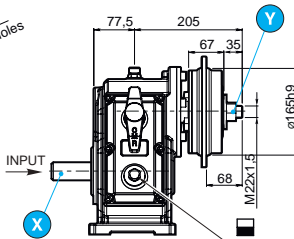
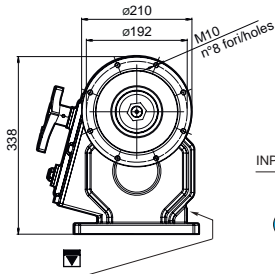
cod.P

Scatole ad assi paralleli  
Parallel Shaft Gear Unit

**PA60F** (cod.60)



Sensi di rotazione alberi / Shaft direction

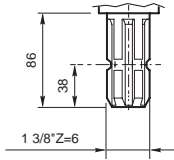


**Caratteristiche tecniche / Technical data**

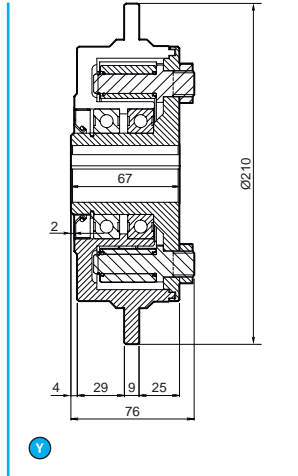
i	Input	Shaft		Power	Torque		Material	Toothing	KG	LT	Shafts
	X	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1:3.88	(cod.87)	540	2095	43/58	729	188	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrical Helical Teeth	41	2.1	Vedi pagina seguinte See next page
1:4.5	(cod.71)	540	2430	49/66.6	832	185					
1:3.6	(cod.71)	540	1944	43/58.5	730	203					
1:5.5	(cod.86)	540	2970	49/46.6	830	151					
1:4.5	(cod.86)	540	2430	49/46.6	832	185					
1:5.5	(cod.76)	540	2970	49/46.6	830	151					
1:5	(cod.76)	540	2700	49/46.6	830	166					
1:6	(cod.77)	540	3240	52/70.7	882	147					
1:4	(cod.77)	540	2160	53/72.1	760	225					
1:7.5	(cod.76)	540	4050	38/51.7	645	86					
1:7	(cod.76)	540	3780	38/51.7	644	92					

**Alberi / Shafts**

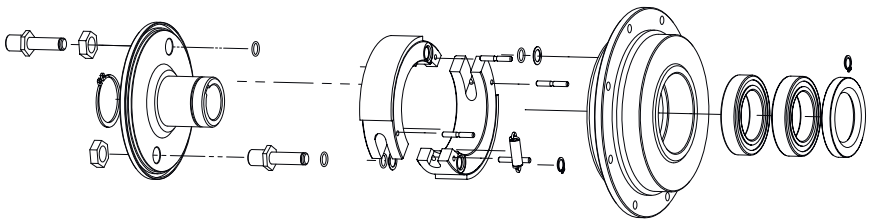
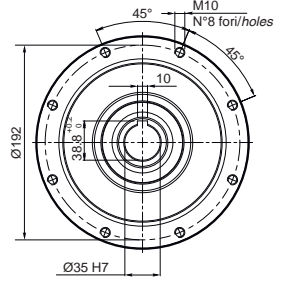
cod.01



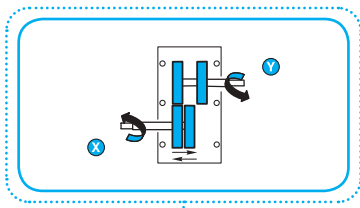
X









Y






**Sensi di rotazione alberi / Shaft direction**



cod.P Scatole ad assi paralleli  
Parallel Shaft Gear Unit

SERIE I		
<b>I025</b>	 Irrigatori a nastro Irrigation reels	<b>308</b>
<b>I035</b>	 Irrigatori a nastro Irrigation reels	<b>309</b>
<b>I060</b>	 Irrigatori a nastro Irrigation reels	<b>310</b>
<b>I100</b>	 Irrigatori a nastro Irrigation reels	<b>311</b>
<b>I110</b>	 Irrigatori a nastro Irrigation reels	<b>312</b>
<b>I200</b>	 Irrigatori a nastro Irrigation reels	<b>313</b>

**Codifica/Code**

Settore Area	Tipo Type	Scatola Box	Nr.marce Nr.speed	i	Alberi / Shafts			Progressivo Sequential			
					Z	X	Y				
<b>S</b>	<b>I</b>	<b>25</b>	<b>4</b>	<b>69</b>	<b>11</b>	<b>06</b>	<b>01</b>	<b>1234</b>			
S	I	cod.25 ↑ 25 ..	4 marce/speed 2 marce/speed	cod.69 cod.12 cod.29	cod.01 ↑  ..	cod.06 ↑  ..	cod.01 ↑  ..	vedi pagine dedicate see dedicated page	vedi tabella see table	vedi pagine dedicate see dedicated page	numero progressivo sequential number



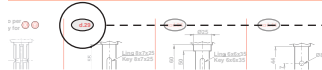
cod.25: Preparazione del terreno/Incl. preparation of the mowers

**Caratteristiche tecniche/Technical data**

	$n_1$	$n_2$	$P_c$	$T_{max}$	$T_{min}$	Materiale Material
	[rpm]	[rpm]	[kW]	[Nm]	[Nm]	
3.25	cod.69	540	10.8	2	150	420



3 shafts Z X Y

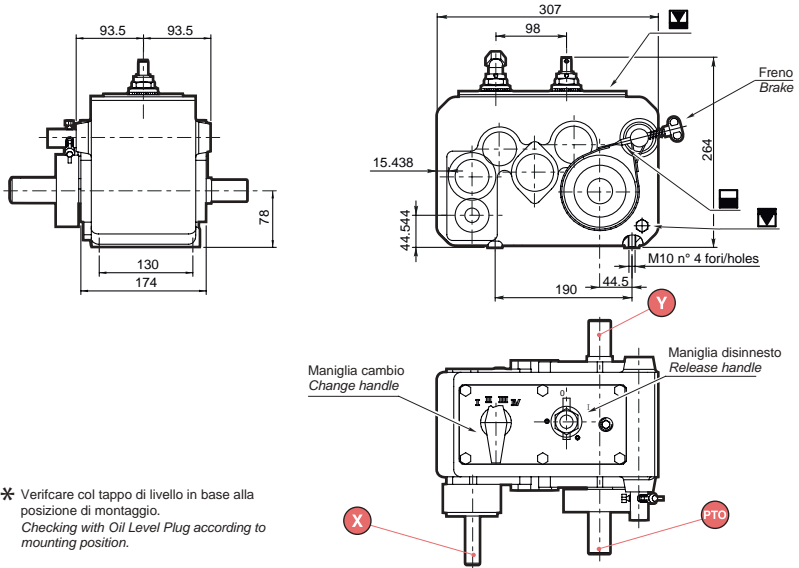




**125** cod.25



**Dimensioni / Dimensions**



\* Verificare col tappo di livello in base alla posizione di montaggio.  
Checking with Oil Level Plug according to mounting position.

**Caratteristiche tecniche / Technical data**

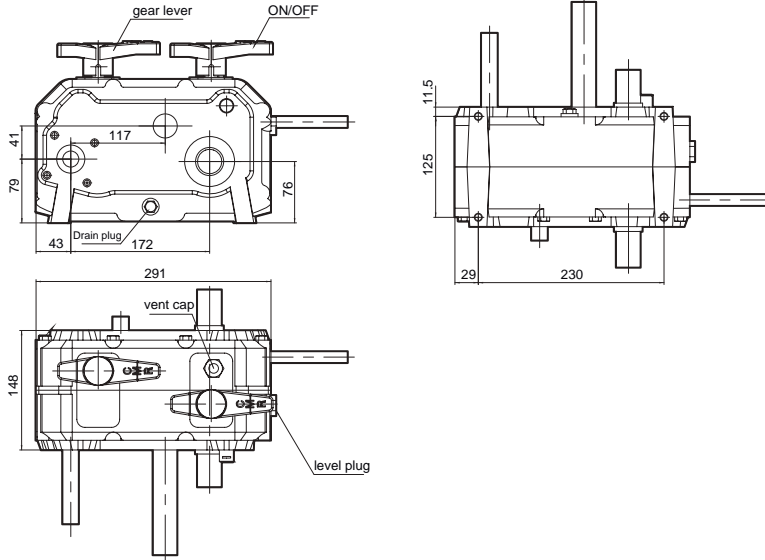
i	Input	Input/Output		P <sub>1</sub> Kw(HP)	Torque		Materiale Material	Dentatura Toothing	KG	LT
		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output		T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)				
Cambio di velocità Gear shift (4 marce / 4 speed)	631:1	540	0.9				Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth	29.5	*
	290:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.89</span>	540	1.9						
	201:1		540	2.7		250				
	97:1		540	5.6						
Cambio di velocità Gear shift (4 marce / 4 speed)	1307:1	540	0.4				Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth	29.5	*
	602:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.12</span>	540	0.9						
	417:1		540	1.3		250				
	200:1		540	2.7						
Cambio di velocità Gear shift (4 marce / 4 speed)	201:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.29</span>	540	2.7			Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth	29.5	*
	97:1		540	5.6		250				



**135** (cod.35)



**Dimensioni / Dimensions**



125  
135

**Caratteristiche tecniche / Technical data**

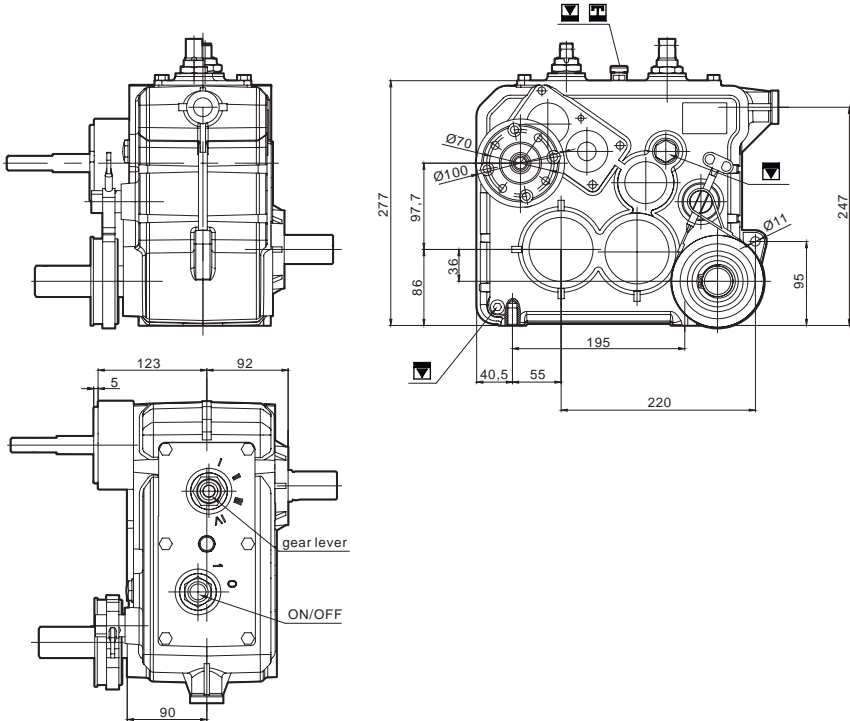
i	Input	Input		P <sub>1</sub> Kw(HP)	Output		Materiale Material	Dentatura Toothings	KG	LT
		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output		T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)				
Cambio di velocità Gear shift (2 marce / 2 speed)	552:1	cod.25			*	350	Chisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	30	2.5
	171:1									








**1060** (cod.61)



**Dimensioni / Dimensions**



**Caratteristiche tecniche / Technical data**

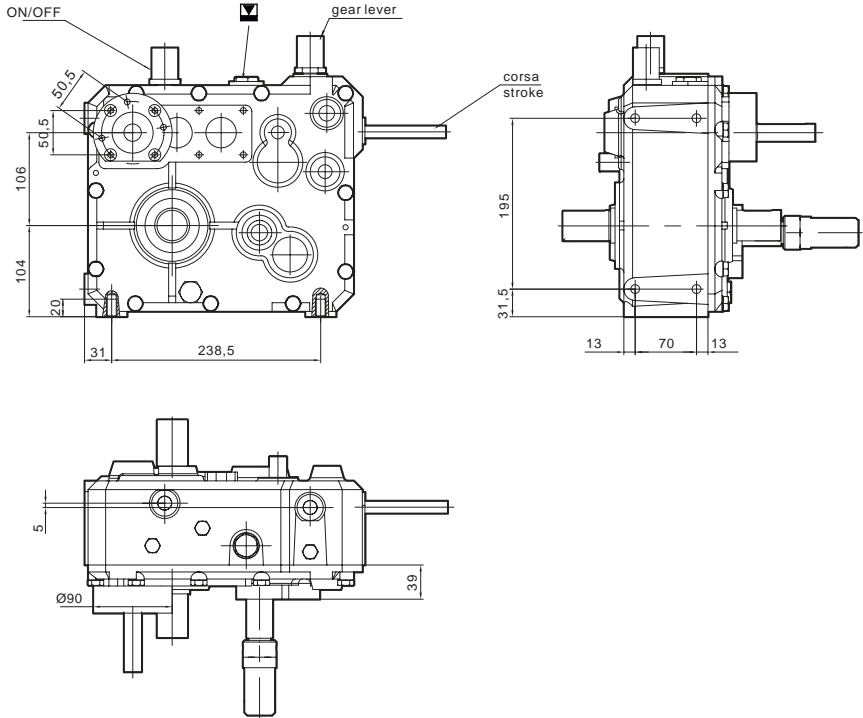
i	Input					Materiale Material	Dentatura Toothing		
	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output							
Cambio di velocità Gear shift (4 marce / 4 speed)	766:1					Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	38.5	6.3
	353:1				600				
	244:1								
	188:1								



**1100** (cod.A0)



**Dimensioni / Dimensions**



1060  
1100

**Caratteristiche tecniche / Technical data**

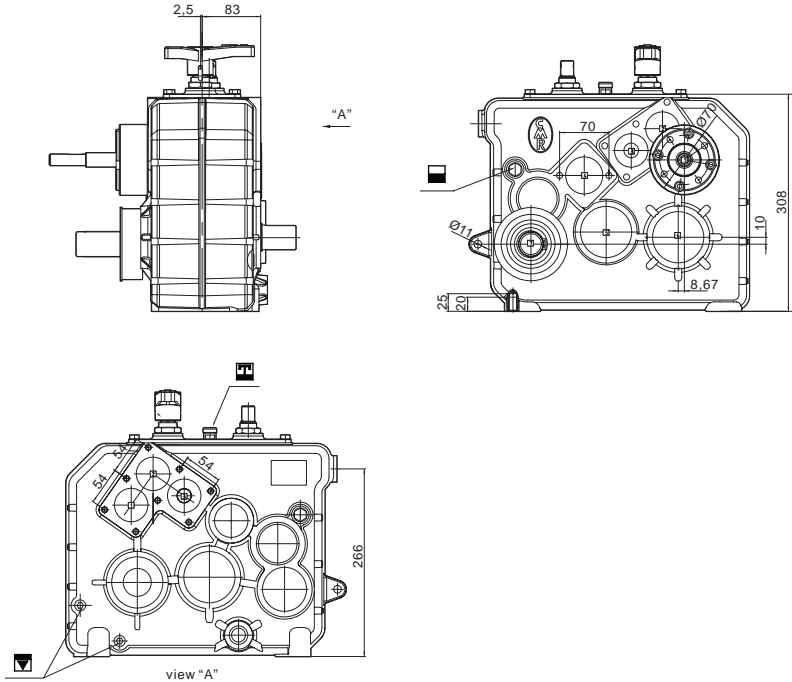
i	Input	Input		P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT
		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output							
Cambio di velocità Gear shift (2 marce / 2 speed)	620:1						Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	39	7
	250:1	(cod.20)				1000				



**I110** (cod.A1)



**Dimensioni / Dimensions**



**Caratteristiche tecniche / Technical data**

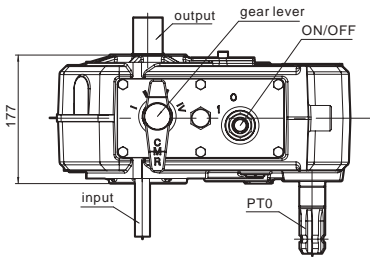
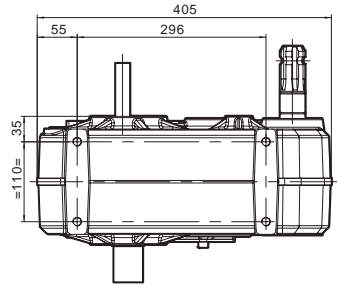
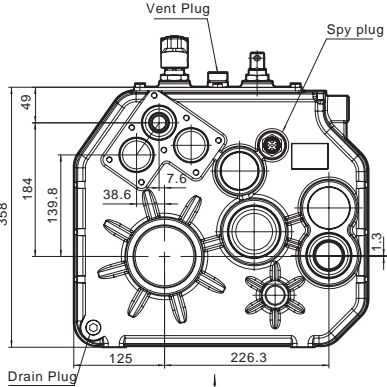
i	Input	Input		P <sub>1</sub> Kw(HP)	Output		Materiale Material	Dentatura Toothings	KG	LT
		n <sub>1</sub> rpm input	n <sub>2</sub> rpm output		T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)				
Cambio di velocità Gear shift (4 marce / 4 speed)	781:1						Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	46	7
	360:1									
	249:1	(cod.A1)			1100					
	120:1									



**1200** (cod.A2)







**Dimensioni / Dimensions**







1110  
1200

**Caratteristiche tecniche / Technical data**

i	Input				Materiale Material	Dentatura Tothing		
Cambio di velocità Gear shift (2 marce / 2 speed)	250:1				Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	52	8
	115:1	(cod.93)						
Cambio di velocità Gear shift (4 marce / 4 speed)	756:1				Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	52	8
	348:1	(cod.41)						
	241:1							
	116:1							

SERIE D		
<b>D-30</b>		<b>316</b>
<b>D-32</b>		<b>318</b>
<b>D-36</b>		<b>320</b>
<b>D-43</b>		<b>322</b>

Codifica/Code							
Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
<b>S</b>	<b>R</b>	<b>17</b>	<b>67</b>	<b>01</b>	<b>01</b>	<b>11</b>	<b>X</b>
S	R	(cod.17) ↑ V25 ..	(cod.67) ↑ 1:2.83 ..	(cod.01) ↑  ..	(cod.01) ↑  ..	(cod.11) ↑  ..	(cod.X) ↑  ..
		vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page			vedi pagine dedicate see dedicated page



Dimensioni di riferimento per il calcolo delle dimensioni del terreno  
Reference dimensions for the calculation of the field dimensions



Caratteristiche tecniche/Technical data

i	$n_1$	$n_2$	$P_1$	$T_{10}$	$T_{15}$	Materiale Material
	[rpm]	[rpm]	[kW]	[Nm]	[Nm]	
3.25:1	540	152	2	94	115	
1:3						



Shfts Z X Y



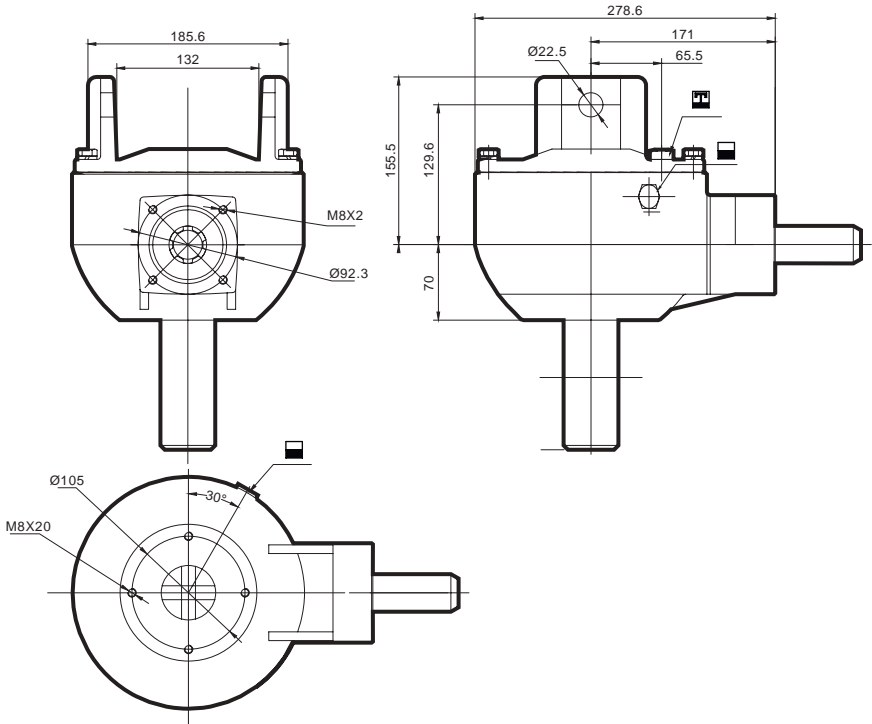
Sensi di rotazione alberi/Shaft rotation directions



**D-30** (cod.93)



**Dimensioni / Dimensions**

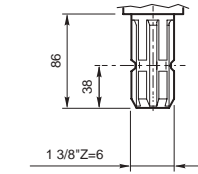


**Caratteristiche tecniche / Technical data**

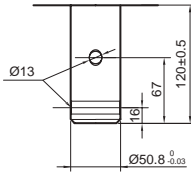
i	Input					Materiale Material	Dentatura Toothing			
	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
3:1	(cod.4x) 540	170	30(40)	553	1591	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth (cod.R)	28		Vedi pagina seguente See next page

**Alberi / Shafts**

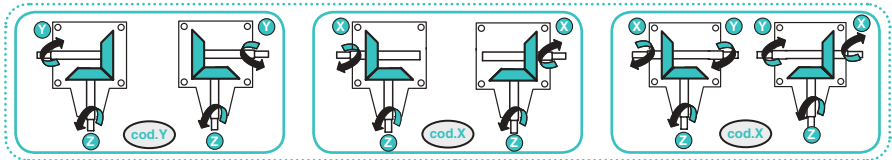
cod.01



X Y



**Sensi di rotazione alberi / Shaft direction**



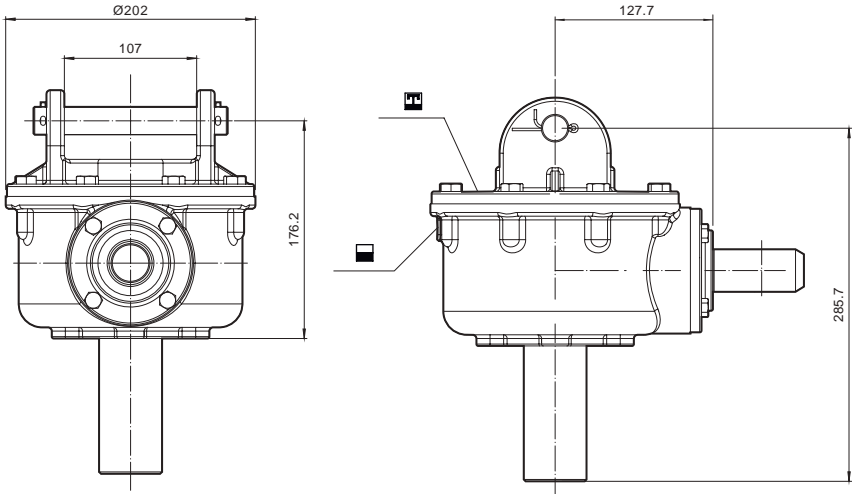
cod.R

Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit

**D-32** (cod.96)



**Dimensioni / Dimensions**

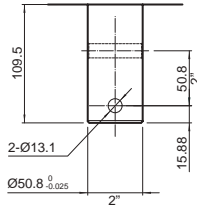
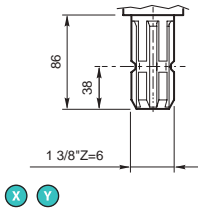


**Caratteristiche tecniche / Technical data**

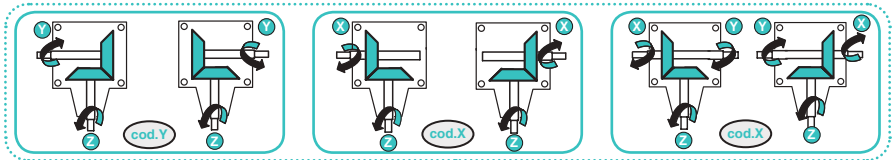
i	Input						Materiale Material	Dentatura Toothing			
		$n_1$ rpm input	$n_2$ rpm output	$P_1$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)					
3:1	(cod.4x)	540	180	32(44)	566	1200	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth (cod.R)	23		Vedi pagina seguente See next page

**Alberi / Shafts**

cod.01



**Sensi di rotazione alberi / Shaft direction**



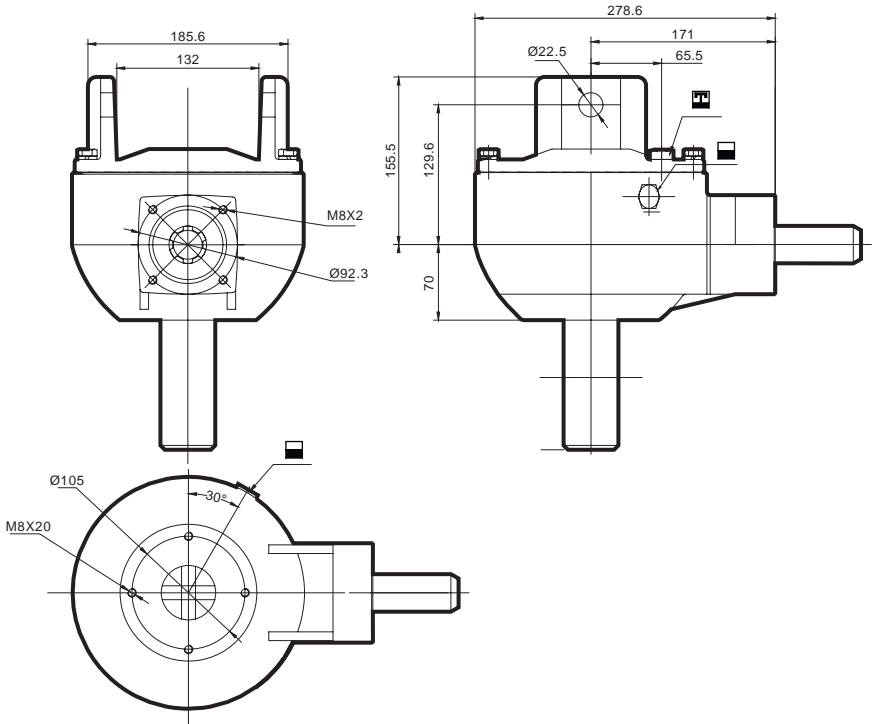
cod.R

Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit

**D-36** (cod.97)



**Dimensioni / Dimensions**

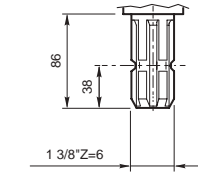


**Caratteristiche tecniche / Technical data**

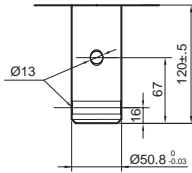
i	Input						Materiale Material	Dentatura Toothing			
					$P_1$ Kw(HP)	$T_1$ N.m(input)					
3:1							Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth			
	(cod.4x)								28		Vedi pagina seguente See next page
											(cod.4)

**Alberi / Shafts**

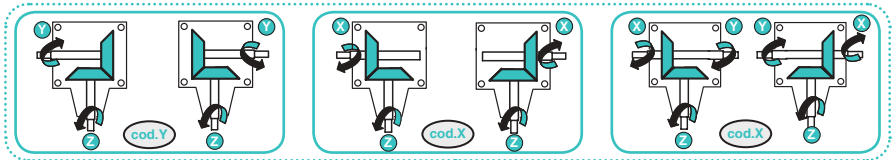
cod.01



X Y



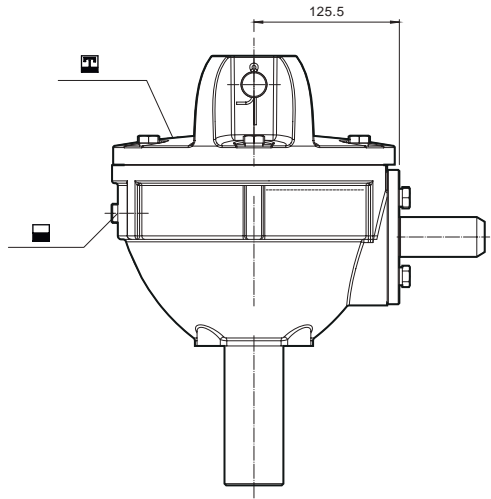
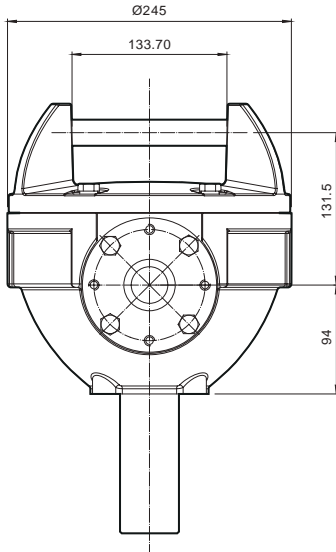
**Sensi di rotazione alberi / Shaft direction**



cod.R

Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit

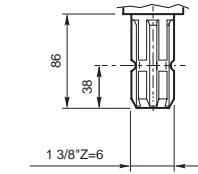
# D-43 cod.98


**Dimensioni / Dimensions**

**Caratteristiche tecniche / Technical data**

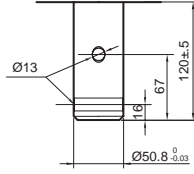
i	Input		⚙️		☀️		⚙️		👤		⚙️	
	<span style="border: 1px solid black; border-radius: 50%; padding: 1px;">x</span>	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts	
3.18:1	<span style="border: 1px solid black; border-radius: 50%; padding: 1px;">cod.46</span>	540	170	43(57)	760	2418	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth <span style="border: 1px solid black; border-radius: 50%; padding: 1px;">cod.R</span>	30		Vedi pagina seguente See next page	

**Alberi / Shafts**

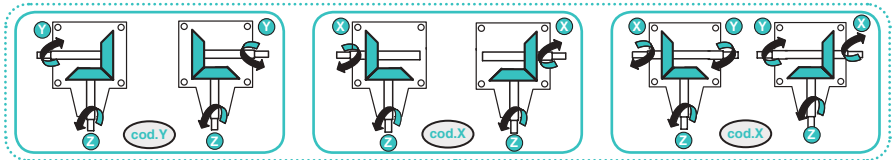
cod.01



X Y













**Sensi di rotazione alberi / Shaft direction**



cod.R

Rinvio semplice denti dritti  
Straight Teeth Simple Angle Gear Unit

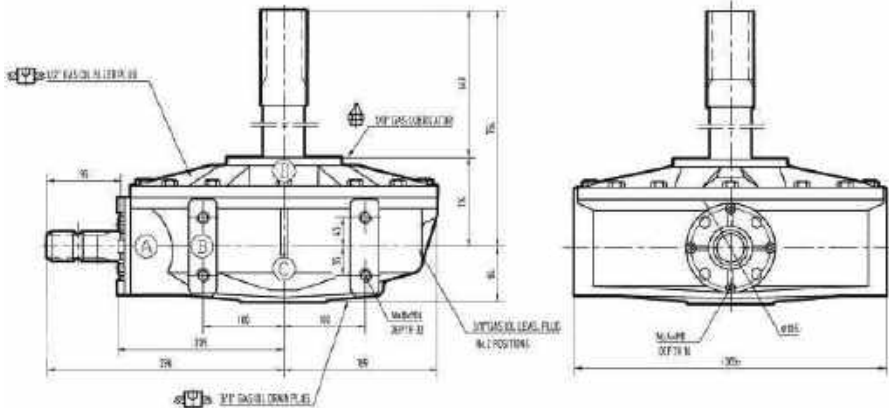


SERIE LS/MX			
LS26	 Betoniere Concrete mixer machines	326	
LS75	 Betoniere Concrete mixer machines	 Carrì Miscelatori Feed mixer machines	327
MXF80	 Carrì Miscelatori Feed mixer machines	328	
MXF125	 Carrì Miscelatori Feed mixer machines	330	
MXF180	 Carrì Miscelatori Feed mixer machines	332	
MXV06	 Carrì Miscelatori Feed mixer machines	334	
MXV08	 Carrì Miscelatori Feed mixer machines	336	
MXV17	 Carrì Miscelatori Feed mixer machines	338	
MXV24	 Carrì Miscelatori Feed mixer machines	340	
MXH13	 Carrì Miscelatori Feed mixer machines	342	
MXH32	 Carrì Miscelatori Feed mixer machines	344	

# LS26



## Dimensioni / Dimensions



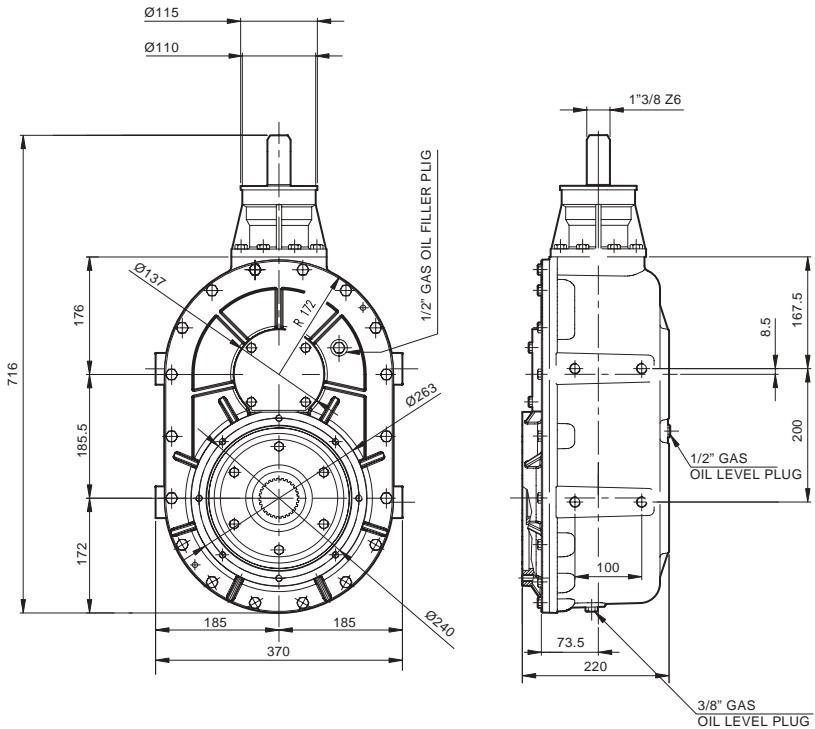
## Caratteristiche tecniche / Technical data

i	Input					Materiale Material	Dentatura Toothing			
	$n_1$ rpm input	$n_2$ rpm output								
7.75:1	540	336	19(26)	2600	3125	Ghisa GS400 Ductile Cast iron				

**LS75** (cod.61)



**Dimensioni / Dimensions**



**Caratteristiche tecniche / Technical data**

i	Input					Materiale Material	Dentatura Toothing			
	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output								
10.8:1	540	50	55(75)	972	1000	Ghisa GS400 Ductile Cast iron				

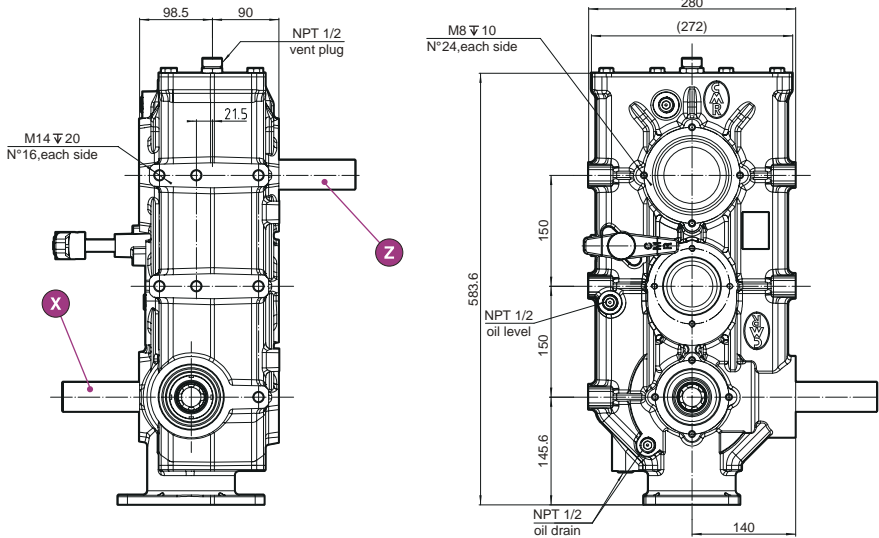
LS26  
LS75



# MXF80 cod.3F



## Dimensioni / Dimensions

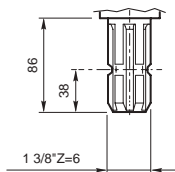


## Caratteristiche tecniche / Technical data

i	Input	Gears		Power/Torque			Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	X / Y	$n_1$ rpm input	$n_2$ rpm output	$P_i$ Kw(HP)	$T_i$ N.m(input)	$T_2$ N.m(output)					
1:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.3F</span>	540	540	60(80)	1061	1061	Ghisa G25 Gray Cast iron	Ingranaggi cilindrici Cylindrical Teeth	60	5.6	Vedi pagina seguente See next page
1.93:1		540	280								

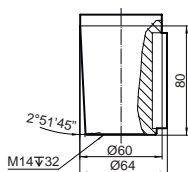
Alberi / Shafts

cod.01



X Y

cod.02

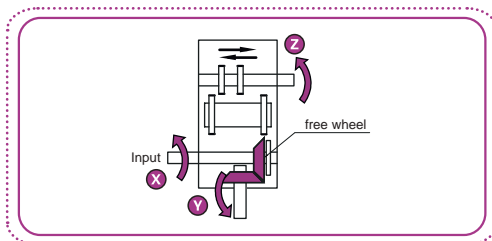


Z

Per alberi differenti contattare l' ufficio tecnico

For different shafts please contact CMR Technical Department.

Sensi di rotazione alberi / Shaft direction

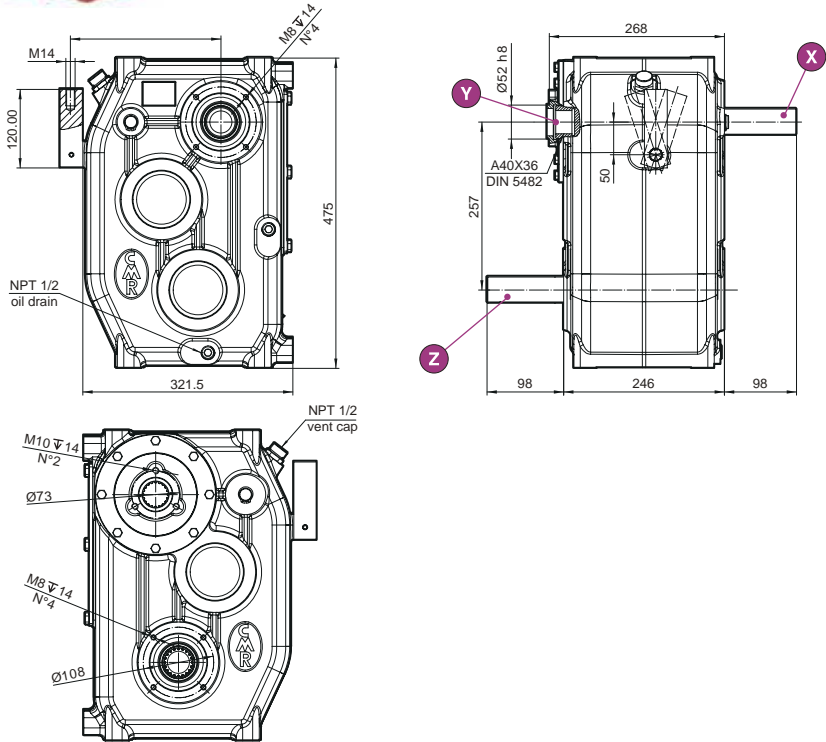




**MXF125** (cod.1F)



**Dimensioni / Dimensions**

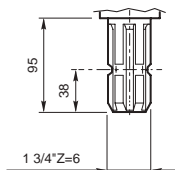


**Caratteristiche tecniche / Technical data**

i	Input	Shafts		Power			Materiale Material	Dentatura Tothing	KG	LT	Alberi Shafts
	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>i</sub> Kw(HP)	T <sub>i</sub> N.m(input)	T <sub>2</sub> N.m(output)					
1:1	(cod.3b)	540	540	93(125)	1645	1645	Ghisa G25 Gray Cast iron	Ingranaggi cilindrici Cylindrical Teeth	100		Vedi pagina seguente See next page
1.5:1		540	360			2467					

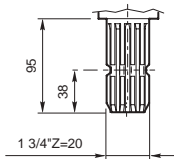
**Alberi / Shafts**

cod.03



X

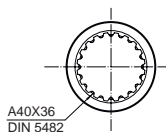
cod.43



Z

cod.

pump

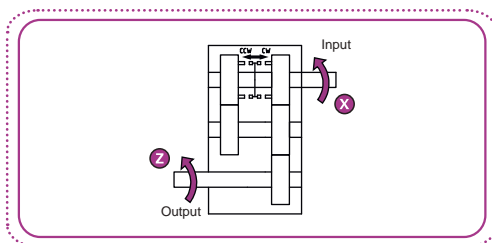


Y

Per alberi differenti  
contattare l' ufficio tecnico

For different shafts please  
contact CMR Technical  
Department.

**Sensi di rotazione alberi / Shaft direction**

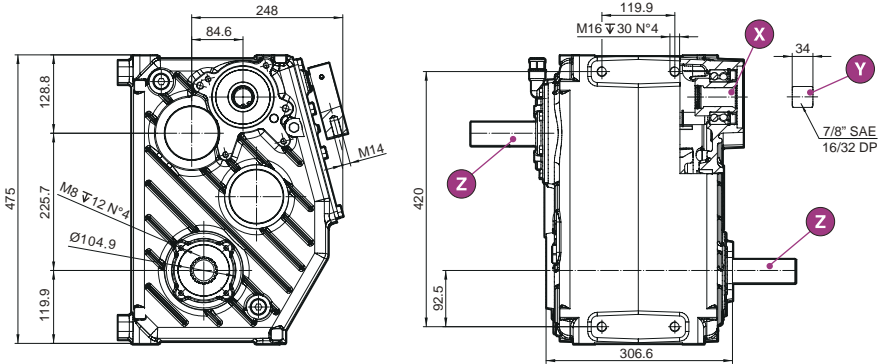




**MXF180** (cod.2F)



**Dimensioni / Dimensions**

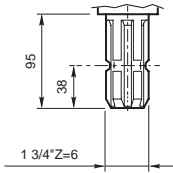


**Caratteristiche tecniche / Technical data**

i	Input	Shaft		Gear		Shaft		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m.(input)	T <sub>2</sub> N.m.(output)						
1:1	(cod.3b)	540	540	132(180)	2334	2334	Ghisa GS400 Ductile Cast iron	Cilindrica denti elicoidali Cilindrical Helical Teeth	112	7.9	Vedi pagina seguente See next page	
1.5:1		1000	667	180(245)	1719	2578.5		Gleason denti elicoidali Gleason Helica Teeth				

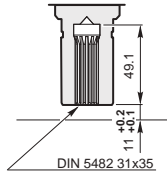
**Alberi / Shafts**

cod.03



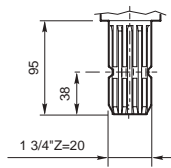
X

cod.69



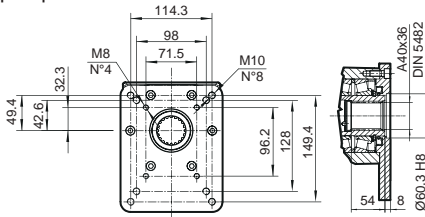
Y

cod.43

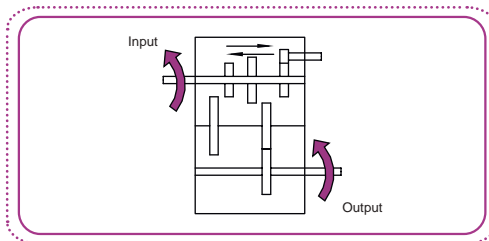


Z

pump



**Sensi di rotazione alberi / Shaft direction**

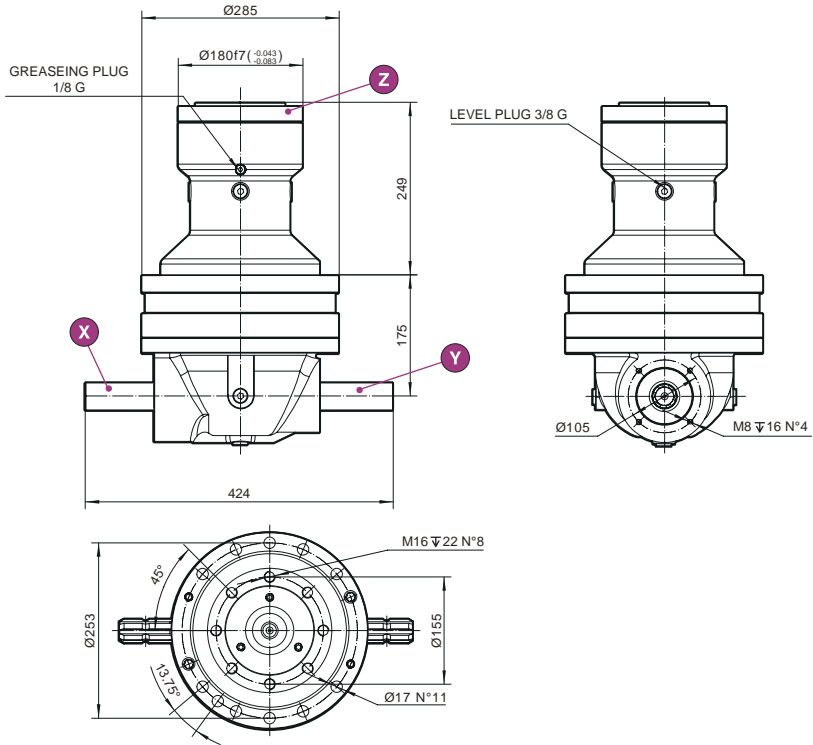




# MXV06



## Dimensioni / Dimensions

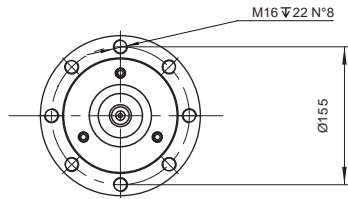
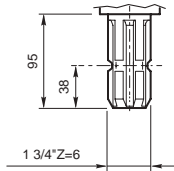


## Caratteristiche tecniche / Technical data

i	Input	Shafts		P <sub>i</sub> Kw(HP)	Torque		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output		T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
13.6:1	X / Y	540				11600	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helica Teeth  Ingranaggi cilindrici Cylindrical straight teeth	180	10.8	Vedi pagina seguente See next page

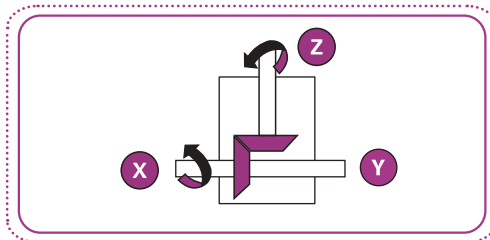
**Alberi / Shafts**

cod.03



X Y

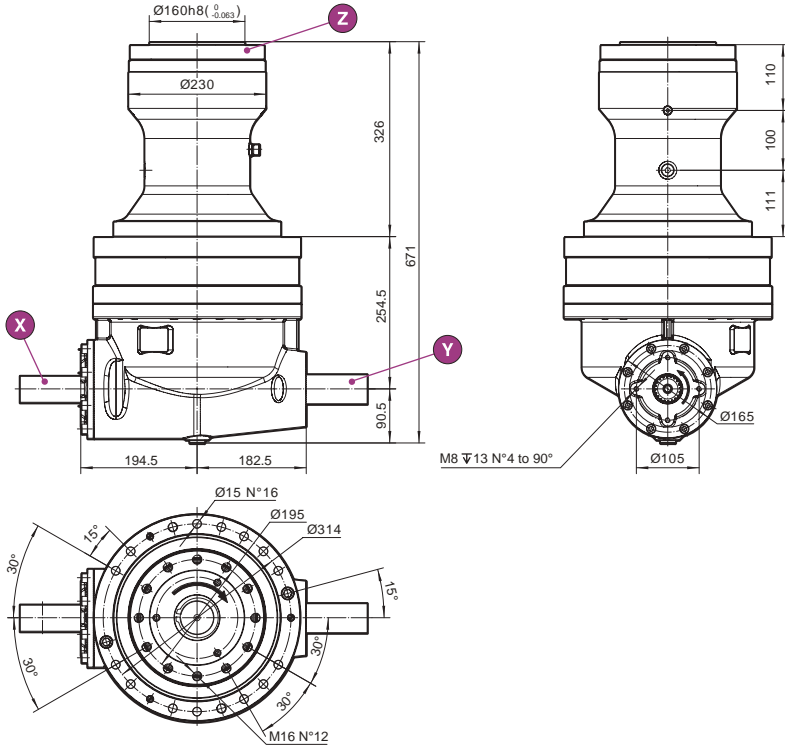
**Sensi di rotazione alberi / Shaft direction**



# MXV08



## Dimensioni / Dimensions

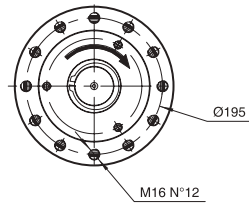
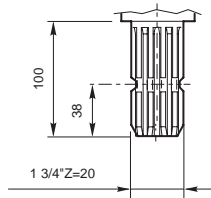


## Caratteristiche tecniche / Technical data

i	Input	Gears		Shafts			Material	Toothing	KG	LT	Alberi Shafts
	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
16.13:1	X / Y	540				11600	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth  Ingranaggi cilindrici Cylindrical straight teeth	180	10.8	Vedi pagina seguente See next page

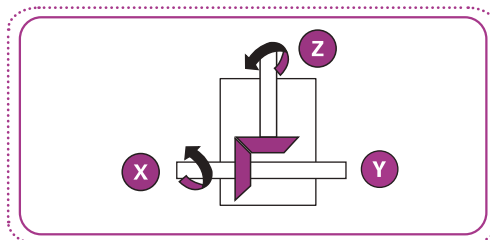
Alberi / Shafts

cod.43



X Y

Sensi di rotazione alberi / Shaft direction

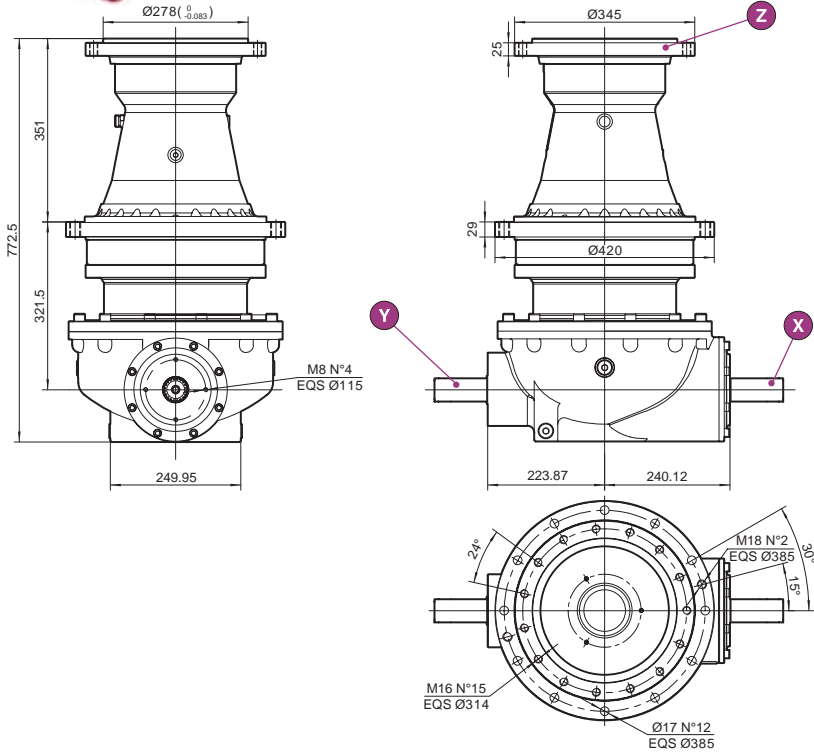




# MXV17 cod.M7



## Dimensioni / Dimensions

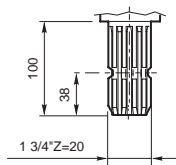


## Caratteristiche tecniche / Technical data

i	Input	Input		Power	Torque		Material	Toothing	KG	LT	Shafts
	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>i</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
16.15:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.A6</span>	540	33	63.4(85)	990	16000	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	260	23	Vedi pagina seguente See next page
21.1:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.A5</span>	540	25.6	37.5(50)	663	12310		Ingranaggi cilindrici Cylindrical straight teeth			

Alberi / Shafts

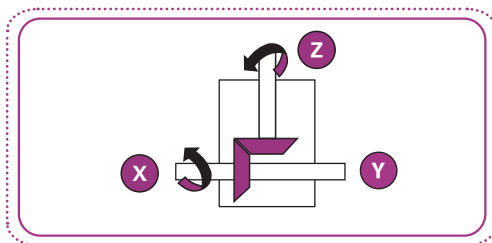
cod.43



X Y

MXV17

Sensi di rotazione alberi / Shaft direction

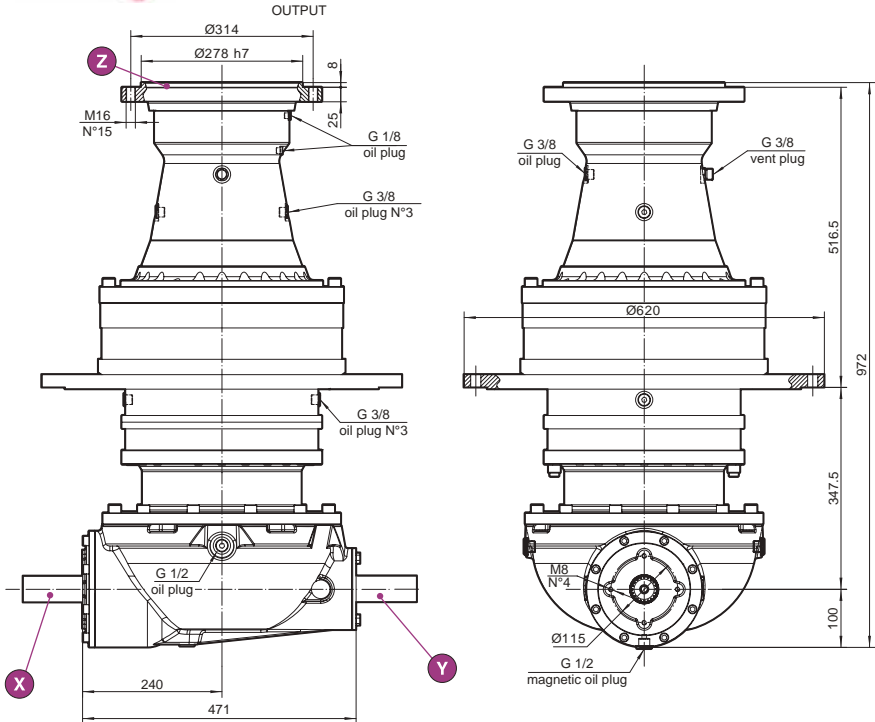




# MXV24 cod.MV



## Dimensioni / Dimensions

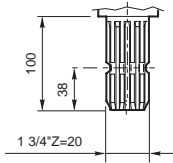


## Caratteristiche tecniche / Technical data

i	Input	Shafts		P <sub>i</sub> Kw(HP)	Torque		Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	X / Y	n <sub>1</sub> rpm input	n <sub>2</sub> rpm output		T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)					
29.23:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.C1</span>	1000	34			40000	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth  Ingranaggi cilindrici Cylindrical straight teeth	440		Vedi pagina seguente See next page

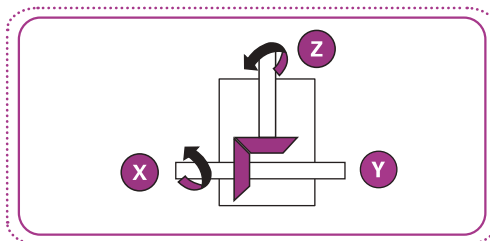
Alberi / Shafts

cod.43



X Y

Sensi di rotazione alberi / Shaft direction

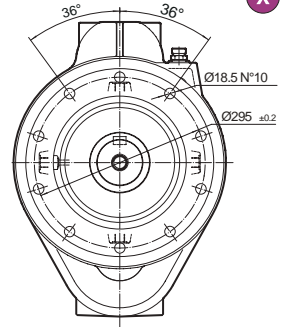
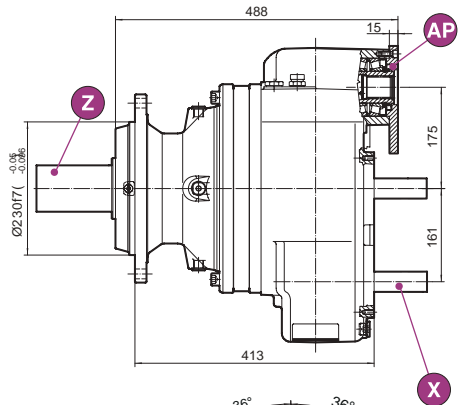
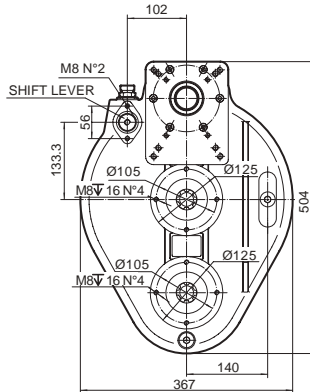




# MXH13 cod.M3



## Dimensioni / Dimensions

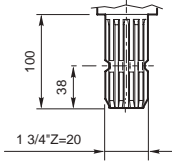


## Caratteristiche tecniche / Technical data

i	Input	Shafts		Gear			Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X / Y</span> n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)						
13.18:1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.As</span> 540	41	65/90	670	8820	Ghisa GS400 Ductile Cast iron	Ingranaggi cilindrici Cylindrical straight teeth	108			Vedi pagina seguente See next page
8.41:1		64									

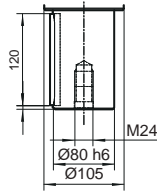
**Alberi / Shafts**

cod.43



X Y

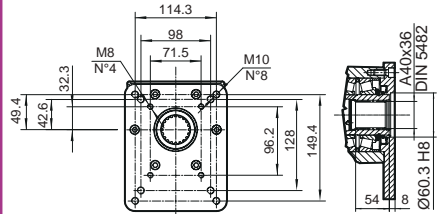
cod.F9



X

pump

cod.C3

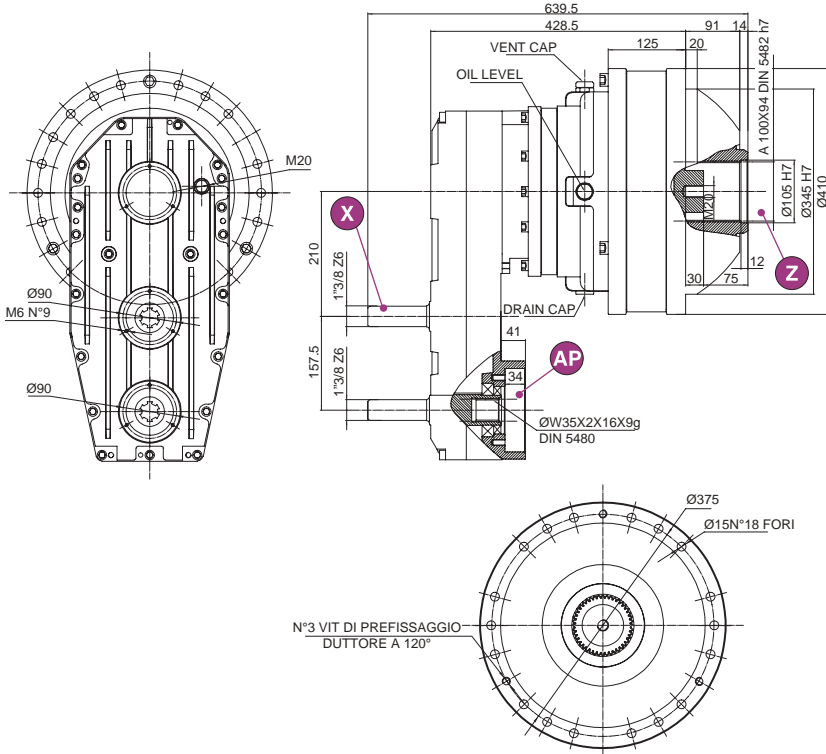


**Sensi di rotazione alberi / Shaft direction**

# MXH32 cod.3H



## Dimensioni / Dimensions

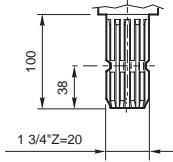


## Caratteristiche tecniche / Technical data

i	Input	Gears		Power	Torque		Material	Toothing	Weight	Length	Shafts
	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X / Y</span>	$n_1$ rpm input	$n_2$ rpm output	$P_i$ Kw(HP)	$T_1$ N.m(input)	$T_2$ N.m(output)					
32.3.1	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">cod.A2</span>	1000	31			26000	Ghisa GS400 Ductile Cast iron	Ingranaggi cilindrici Cylindrical straight teeth	130	8	Vedi pagina seguente See next page

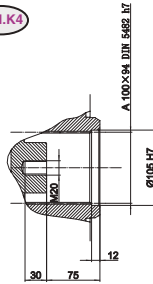
**Alberi / Shafts**

cod.43



X Y

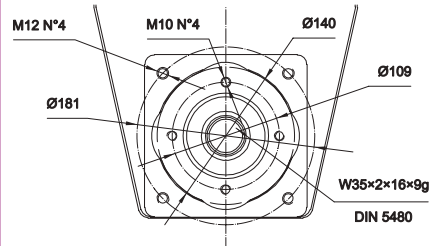
cod.K4



X




pump

cod.D5



**Sensi di rotazione alberi / Shaft direction**



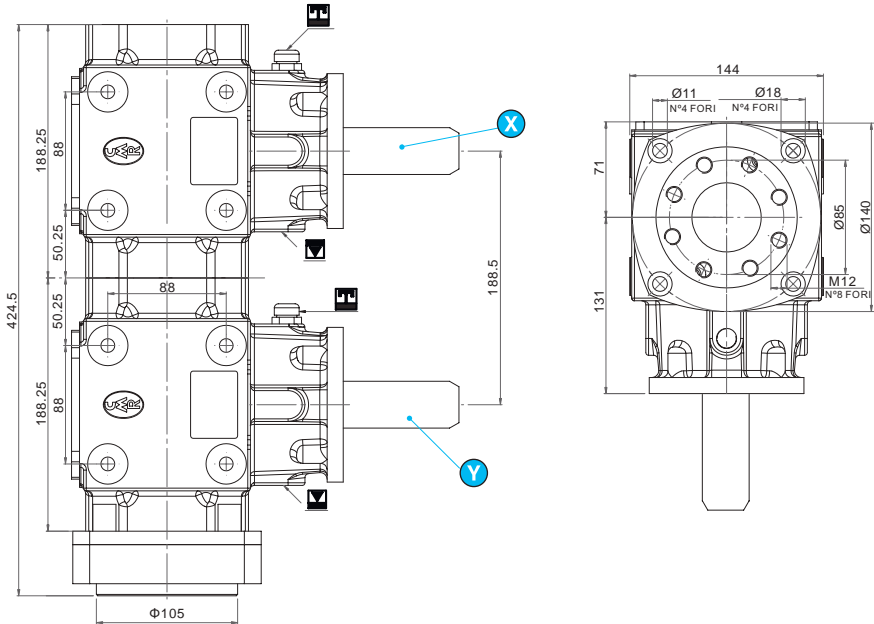
SERIE O		
<b>O18</b>	 Atomizzatori Sprayers	<b>348</b>
<b>O26</b>	 Atomizzatori Sprayers	<b>350</b>
<b>O59</b>	 Atomizzatori Sprayers	<b>352</b>



**O18**



**Dimensioni / Dimensions**

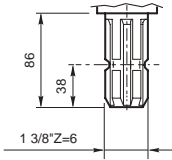


**Caratteristiche tecniche / Technical data**

i	Input						Materiale Material	Dentatura Tothing			
	$n_1$ rpm input	$n_2$ rpm output			$P_1$ Kw(HP)	$T_1$ N.m(input)					
1:1	540	540	37(50)	654	654	Ghisa GS400 Ductile Cast iron					Vedi pagina seguinte See next page

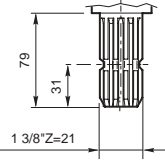
**Alberi / Shafts**

cod.01



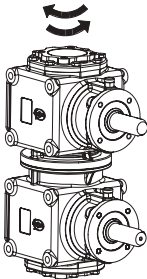
X Y

cod.02

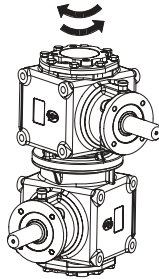


X Y

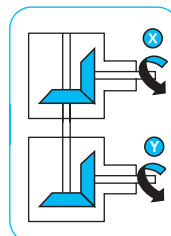
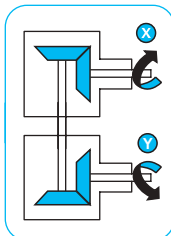
Rotate 360°



Rotate 360°



**Sensi di rotazione alberi / Shaft direction**

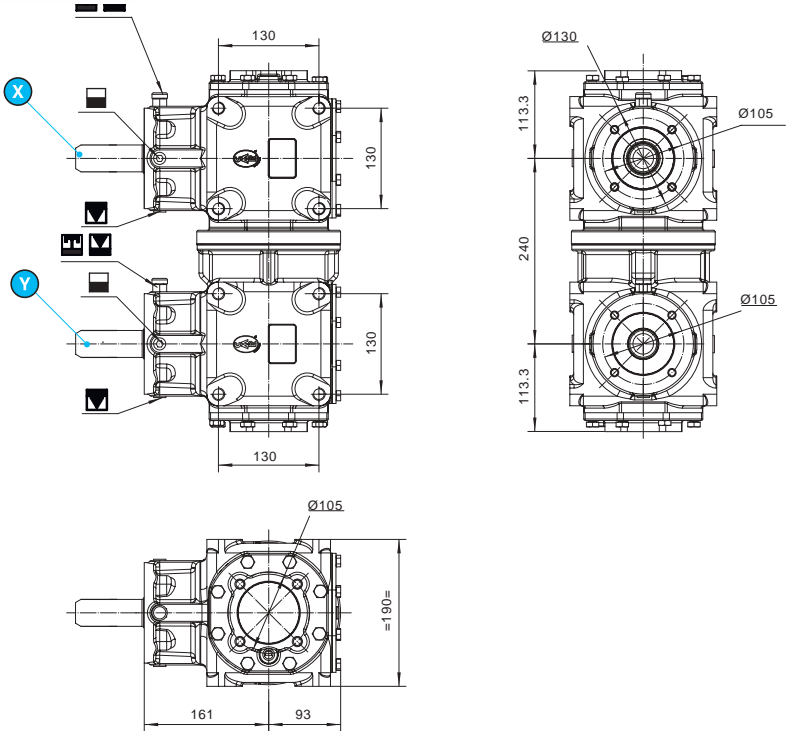




# O24



## Dimensioni / Dimensions

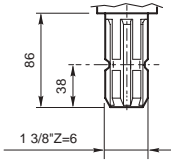


## Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	X n <sub>1</sub> rpm input	n <sub>2</sub> rpm output	P <sub>1</sub> Kw(HP)	T <sub>1</sub> N.m(input)	T <sub>2</sub> N.m(output)						
1:1.35		540	735	65(87)	1139	844	Ghisa GS400 Ductile Cast iron				Vedi pagina seguinte See next page
1:1		540	540	37(50)	654	654					
1.35:1		540	400	48(65)	849	1146					

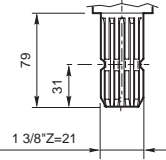
**Alberi / Shafts**

cod.01



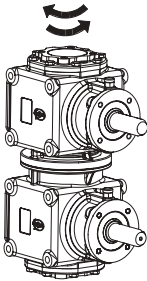
X Y

cod.02

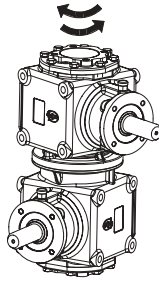


X Y

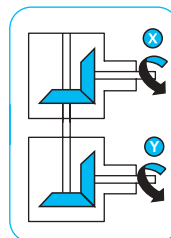
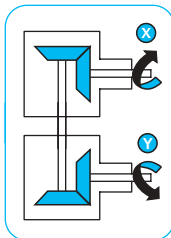
Rotate 360°



Rotate 360°



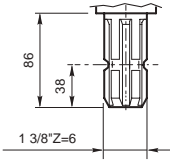
**Sensi di rotazione alberi / Shaft direction**





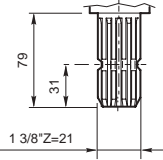
**Alberi / Shafts**

cod.01



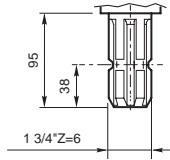
X Y

cod.02



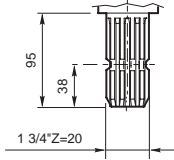
X Y

cod.03



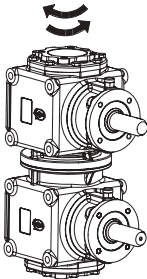
X Y

cod.43

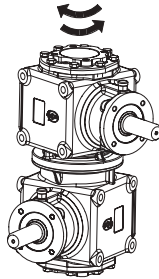


X Y

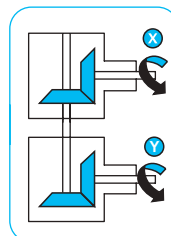
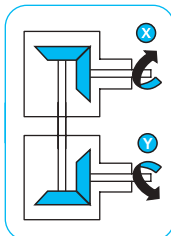
Rotate 360°



Rotate 360°



**Sensi di rotazione alberi / Shaft direction**





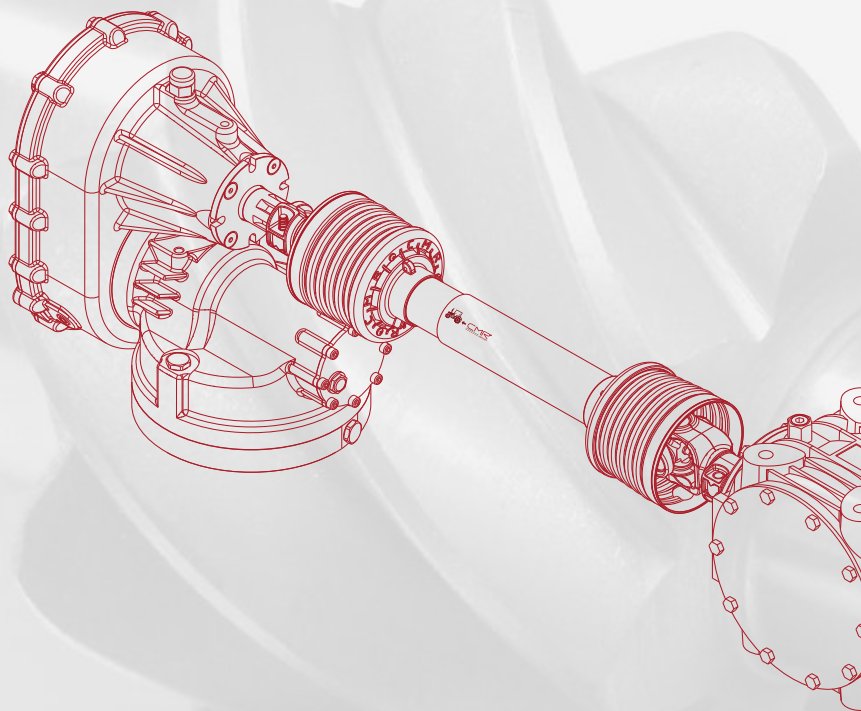




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