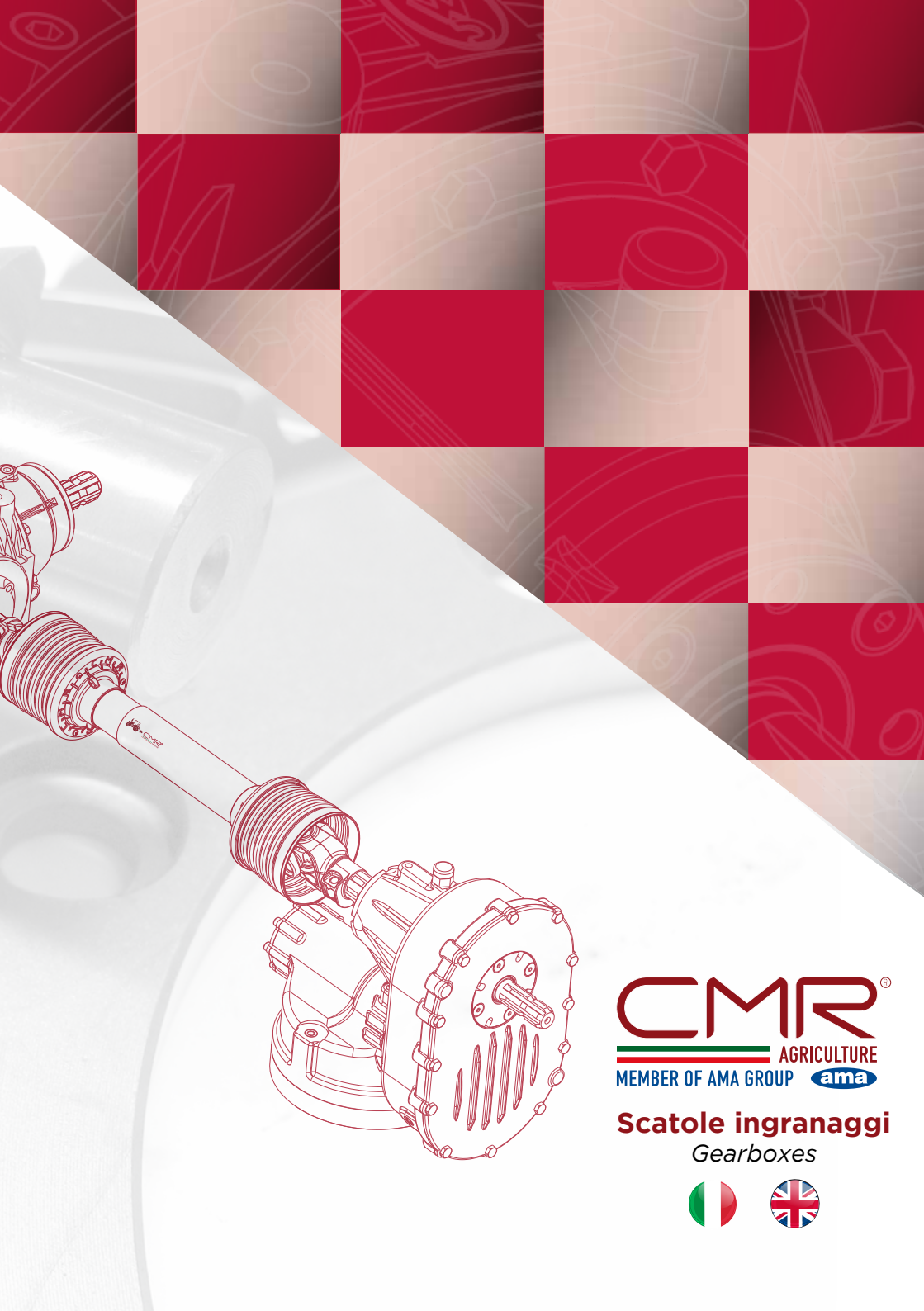
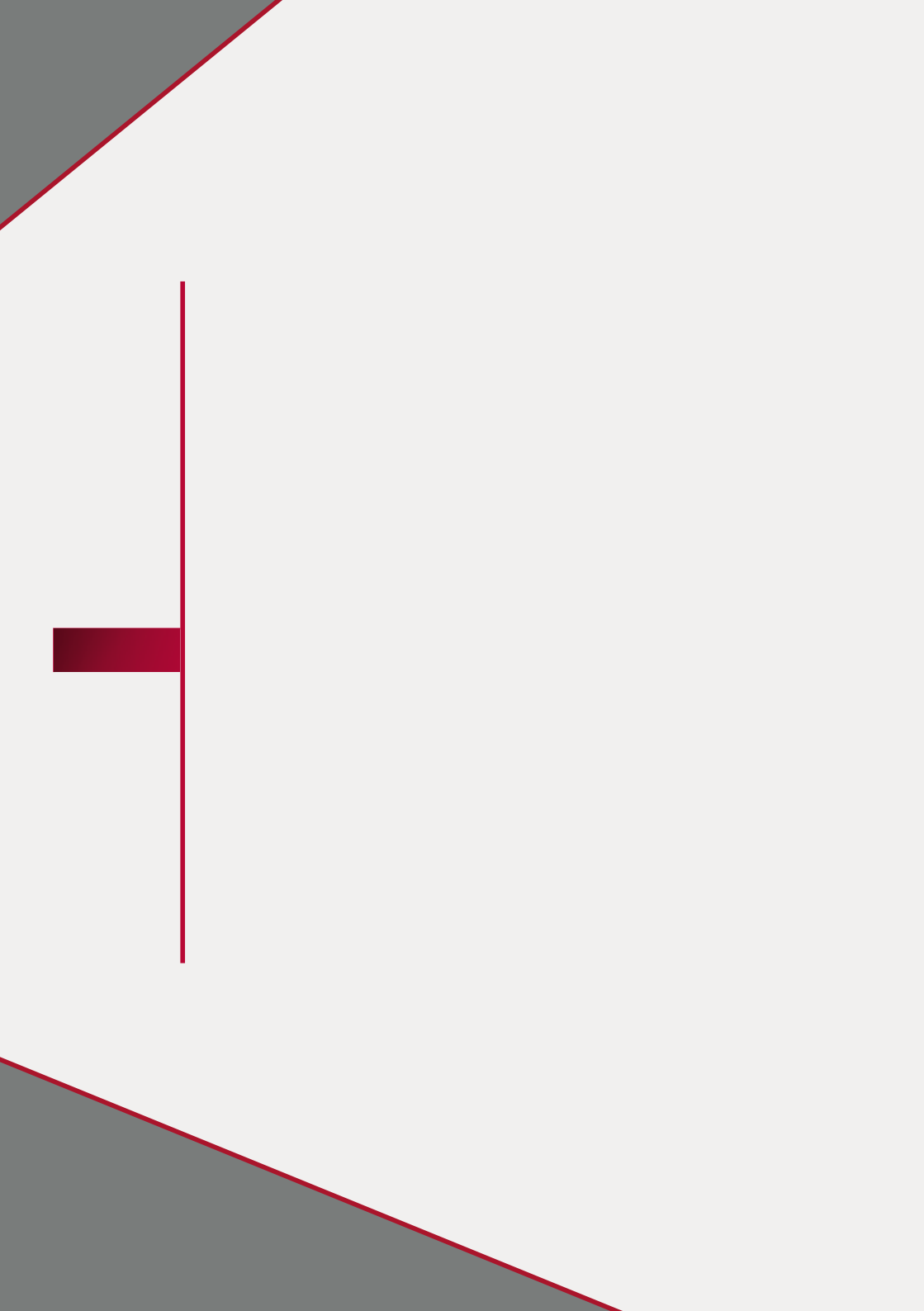




CMR[®]
AGRICULTURE
MEMBER OF AMA GROUP **ama**

Scatole ingranaggi
Gearboxes







Passion and Commitment

GRUPPO AZIENDALE / COMPANY PROFILE	6
FILOSOFIA / MISSION	9
QUALITA' E TECNOLOGIA / QUALITY AND TECHNOLOGY	10
PRODOTTI/ PRODUCT	14
SERIE L	
 SERIE L Rinvii angolari in alluminio SERIES L Aluminum Gearbox	    16
SERIE T	
 SERIE T Rinvii angolari in ghisa SERIES T Cast Iron Gearbox	   31
SERIE LF&MF	
 SERIE LF&MF SERIES LF&MF Rotary Tiller Gearbox	 100
SERIE EM/EC	
 SERIE EM/EC Scatole ad ingranaggi per erpici SERIES EM/EC Power Harrows Gearbox	 114
SERIE PH	
 SERIE PH SERIES PH Power Harrows Kits	 135

SERIE B

SERIE B Barre falcianti

SERIES B Disc Mowers Gearbox

148

SERIE N

SERIE N
SERIES N Disc Mowers Gearbox

159

SERIE M

SERIE M

SERIES M Rotary cutters Gearbox

163

SERIE V

SERIE V SMoltiplicatori verticali

SERIES V Rotary Cutters Gearbox

168

SERIE S

SERIE S Riduttori per giroandanatori

SERIES S Rotary Cutters Gearbox

198

SERIE G

SERIE G Rinvii angolari

SERIES G Rotary Tedders Gearbox

216

SERIE RBC

SERIE RBC Traverse per rotopresse

226
SERIES RBC Bales Gearbox
SERIE SP

SERIE SP Traverse Per Spandiletame

233
SERIES SP Manure Spreading Crossbar
SERIE H

SERIE H Gearbox For Hydraulic Motor

259
SERIES H Riduttori Per Motori Idraulici
SERIE P

SERIE P Scatole ad assi paralleli

276
SERIES P Parallel Axis Gearbox

SERIE PA

SERIE PA Moltiplicatori Per Atomizzatori

294
SERIES PA Sprayers Gearbox
SERIE I

SERIE I Scatole per irrigatori

306
SERIES I Irrigation Gearbox

SERIE D



SERIE D Scatole Per Trivelle



314

SERIES D Post Hole Diggers Gearbox

SERIE LS/MX



SERIE LS/MX Scatole Per Miscelatori



325

SERIES LS/MX Feed Mixer Gearbox

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.

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.

COMPANY VISION

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

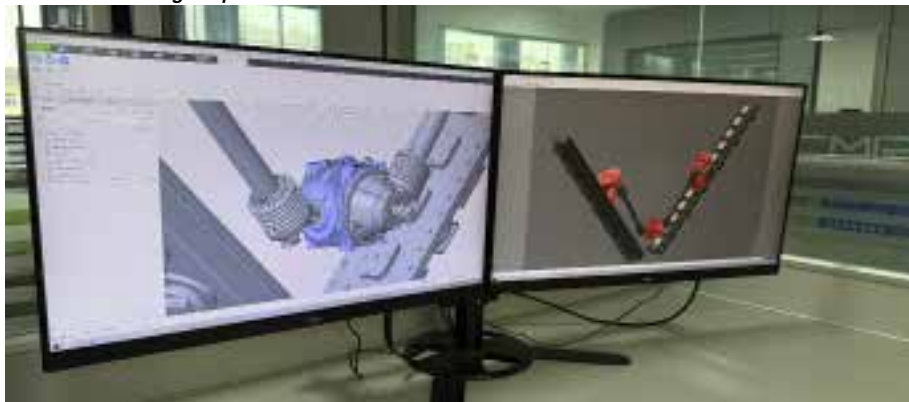
CMR Agriculture grazie alle competenze acquisite, all'elevata professionalità e ad un parco macchine di produzione tecnologicamente avanzato è in grado, partendo dallo studio e produzione del disegno tecnico di realizzare prodotti in base alle più svariate esigenze dei propri Clienti, un'ampia gamma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



Qualità

“Qualità 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

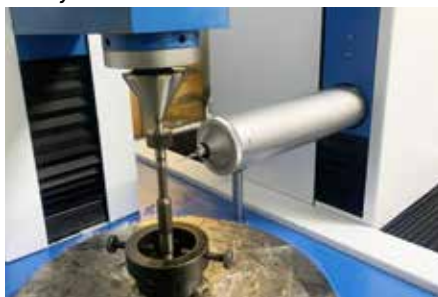
"Indispensable quality" is not just a slogan but a credo, a duty, an integral part of the corporate culture upheld by **CMR Agriculture** since it was established. Modern Quality Control laboratories in the production facilities, assist the production phases by checking all products to static control 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			18		
L-15	 Seghe circolari / a nastro Circular Saws / Belt Saws	 Spandiconcime Fertilizer Spreaders	 Pressa raccoglitrice Bales	 Fasciatori Carried Bale Wrapper	20
L-25	 Seghe circolari / a nastro Circular Saws / Belt Saws	 Fresatrici Rotary Tillers	 Trince Shredders	 Pressa raccoglitrice Bales	22
L-11-15-11					24
L-15-25-15					26
L15-T18-L15					28

Codifica/Code							
Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
S	R	21	06	01	29	06	X
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

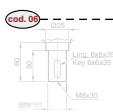
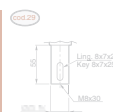


Dimensioni / Dimensions

Caratteristiche tecniche / Technical Data

Model	Input	Output	Input Speed	Output Speed	Input Torque	Output Torque	Max. Input Power	Max. Output Power	Max. Input RPM	Max. Output RPM	Max. Input Torque	Max. Output Torque	Max. Input Power	Max. Output Power
L11	140	112	225	94	115	115	115	115	115	115	115	115	115	115
L11	140	112	225	94	115	115	115	115	115	115	115	115	115	115
L11	140	112	225	94	115	115	115	115	115	115	115	115	115	115

Alberi / Shafts



Sensi di rotazione alberi / Shafts rotation directions

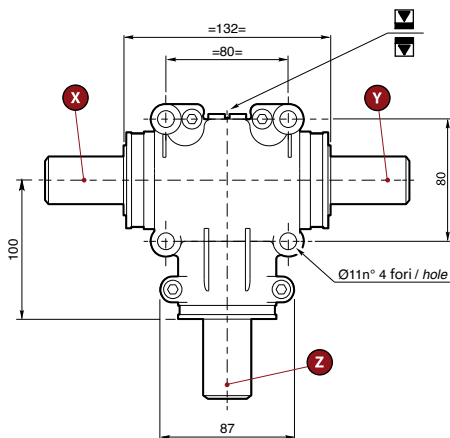
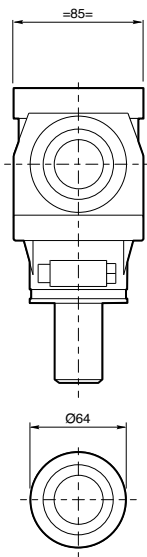


L-11

cod.21



Dimensioni / Dimensions

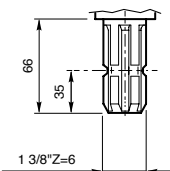


Caratteristiche tecniche / Technical data

i	Input											
	Z	X / Y	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
3.25:1	cod.19 **	—	540	166	2(3)	33	110	Alluminio Aluminium	Gleason denti dritti Gleason Straight Teeth	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					

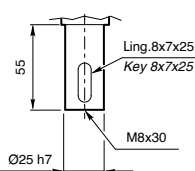
Alberi / Shafts

cod.01 **



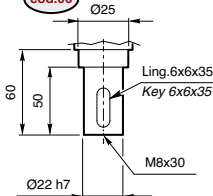
X Y Z

cod.29



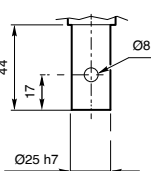
X Y Z

cod.06



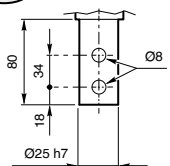
X Y Z

cod.44



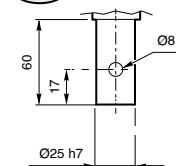
X Y Z

cod.61



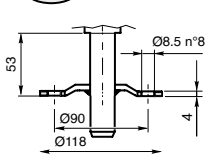
X Y Z

cod.34



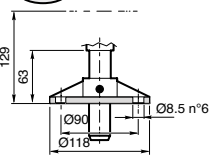
X Y Z

cod.31



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

cod.30

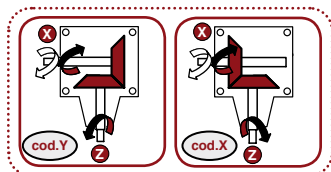
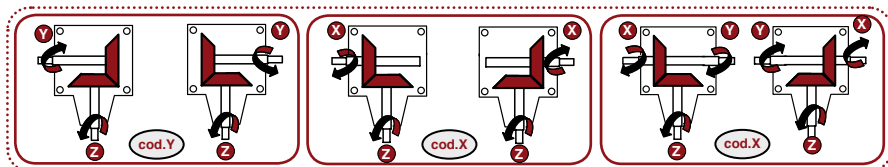


X Y Z



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

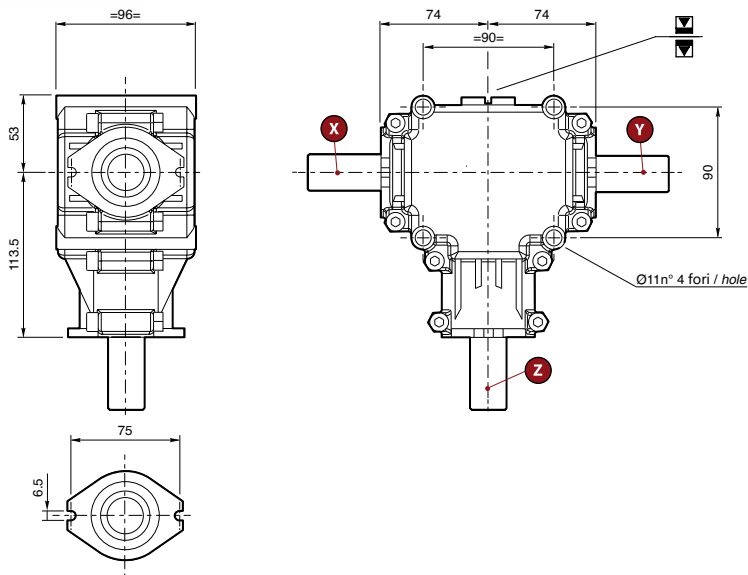
Sensi di rotazione alberi / Shaft direction



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

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

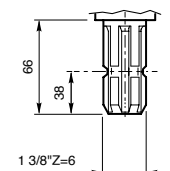
L-15 **cod.22**

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
3.25:1		—	540	166	3(4)	52	171			4.7		
3:1		—	540	180	3(4)	52	156					
2.78:1		—	540	194	4(5)	68	189					
1.9:1			540	284	7(9)	118	226					
1.35:1			540	400	9(13)	152	206					
1:1			540	540	11(15)	187	187					
1:1.35			540	729	12(16)	203	151					
1:1.9			540	1026	10(14)	169	89					
1:2.78	—		540	1501	7(10)	123	43					
1:3	—		540	1620	4(6)	68	23					
1:3.25	—		540	1755	4(6)	68	21					

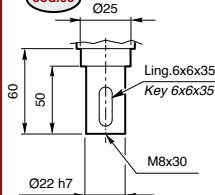
Alberi / Shafts

cod.01 **



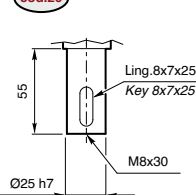
X Y Z

cod.06



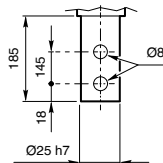
X Y Z

cod.29



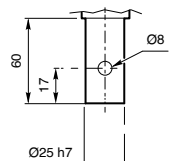
X Y Z

cod.08



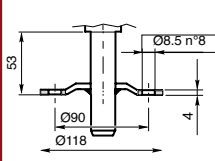
X Y Z

cod.34



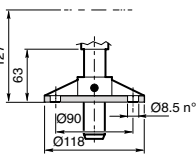
X Y Z

cod.31



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

cod.30

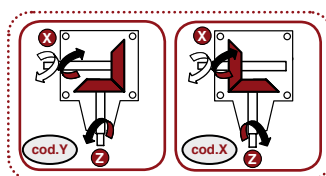
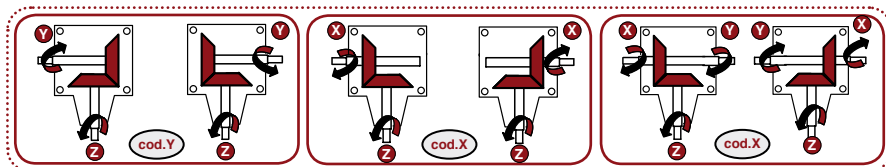


X Y Z



su **Z** per rapporti 3.25:1, 1:2.78 e 1:1.9 ottenuto con 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



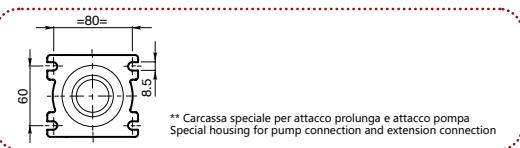
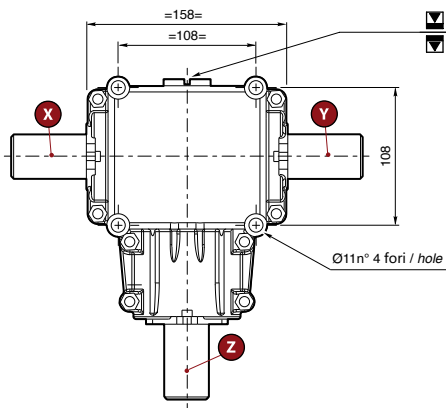
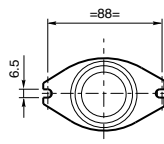
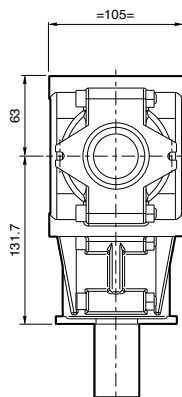
cod.R

Denti dritti senza ruota libera
Straight Teeth without Free Wheel

cod.L

Denti dritti con ruota libera
Straight Teeth with Free Wheel

L-25 **cod.23**

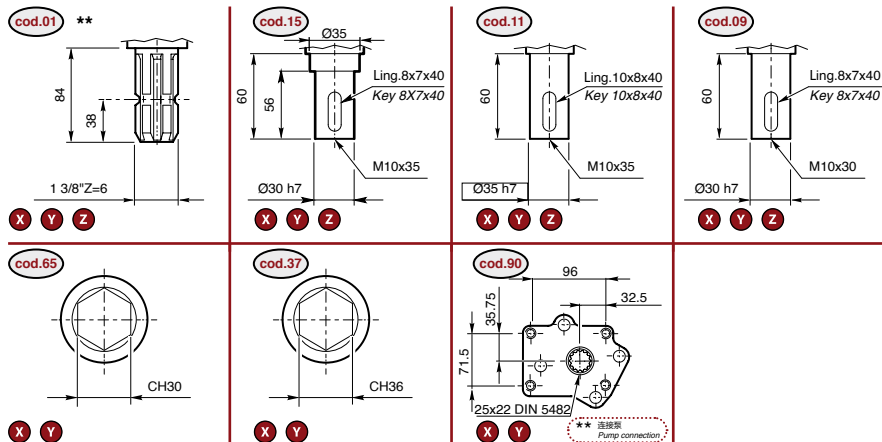
Dimensioni / Dimensions


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

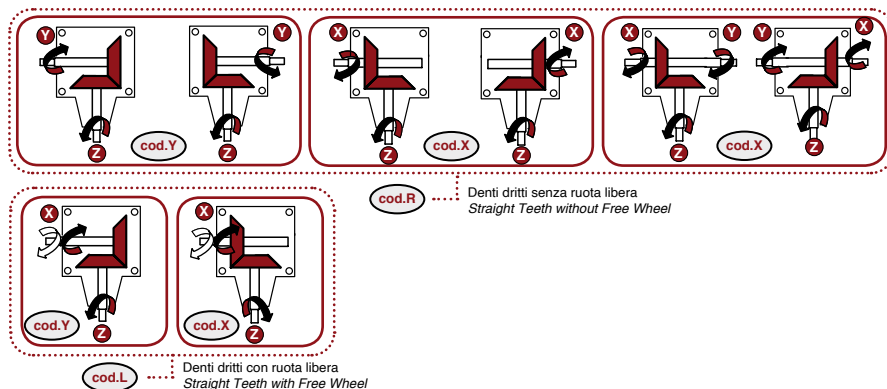
Caratteristiche tecniche / Technical data

i	Input												
	Z	X / Y	n _i rpm input	n _e rpm output	P _i Kw(HP)	T _i N.m(input)	T _e N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts	
2.9:1	cod.17	—	540	186	4/6	74	216	Alluminio Aluminium	Gleason denti dritti Gleason Straight Teeth cod.R con ruota libera with free wheel cod.L	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						

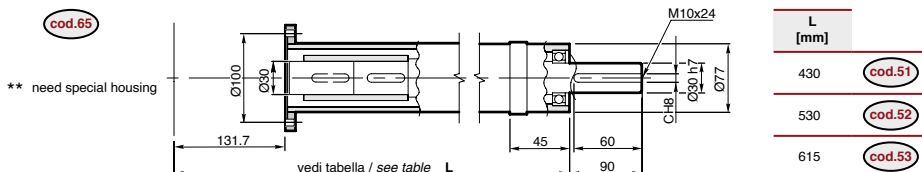
Alberi / Shafts



Sensi di rotazione alberi / Shaft direction



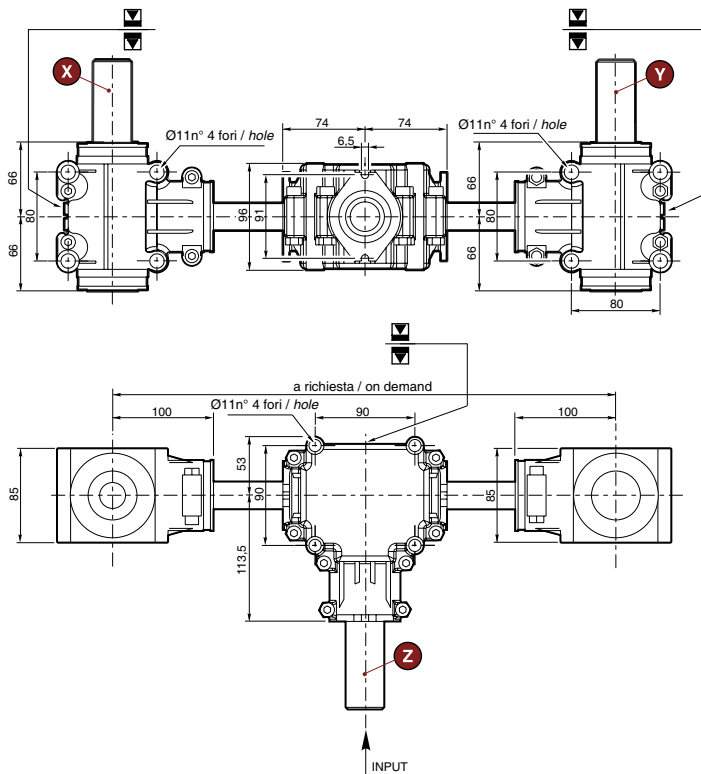
Prolunghe / Extensions



L-11-15-11 cod.24



Dimensioni / Dimensions

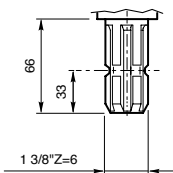


Caratteristiche tecniche / Technical data

i	Input										
	Z	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 Toothings	KG	LT	Alberi Shafts
1:1.35	cod.08	540	729	11(15)	195	144	Alluminio Aluminium	Gleason denti dritti Gleason Straight Teeth	11.5	1.2 Grasso Grease	Vedi pagina seguente See next page
	cod.R										

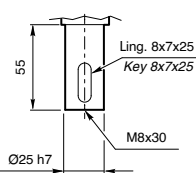
Alberi / Shafts

cod.01



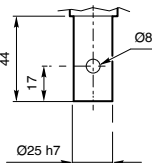
X Y Z

cod.29



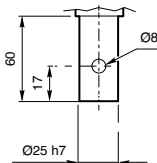
X Y Z

cod.44



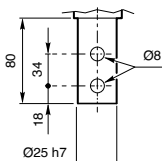
X Y Z

cod.34



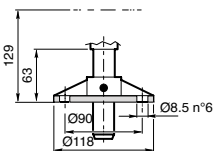
X Y Z

cod.08



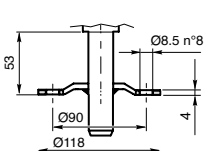
X Y Z

cod.30



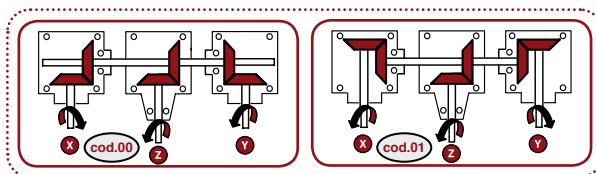
X Y Z

cod.31



X Y Z

Sensi di rotazione alberi / Shaft direction



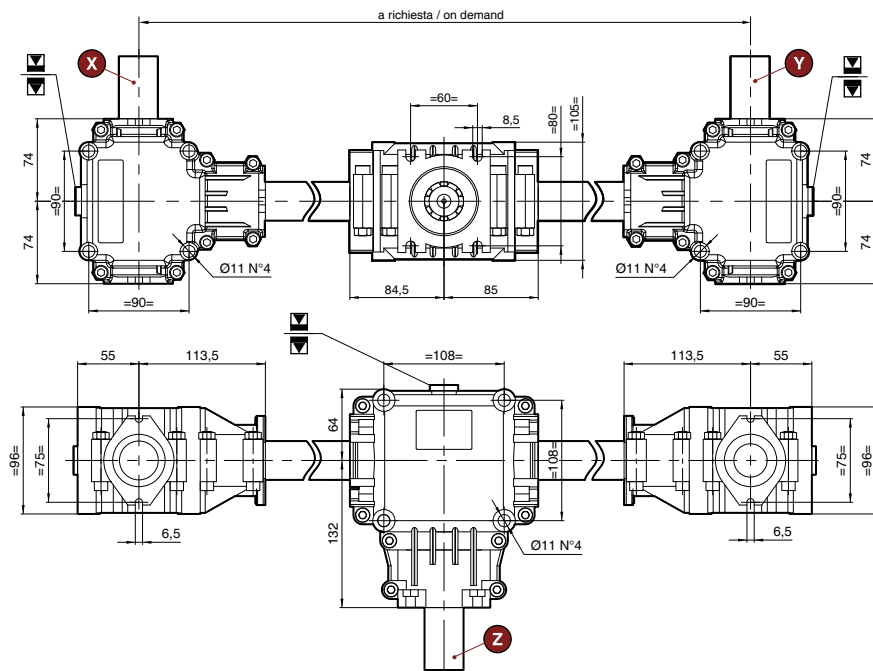
cod.R

Denti dritti senza ruota libera
Straight Teeth without Free Wheel

L-15-25-15 cod.27



Dimensioni / Dimensions

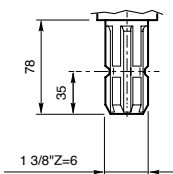


Caratteristiche tecniche / Technical data

i	Input										
	Z	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 Toothings	KG	LT	Alberi Shafts
1:1	cod.06	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	cod.08	540	729	13/17	230	170					
1:1.46	cod.13	540	788	16/22	286	196					
1:1.9	cod.30	540	1026	13/18	233	123					

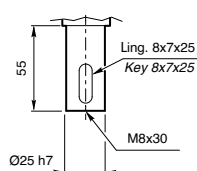
Alberi / Shafts

cod.01



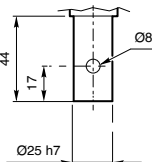
X Y Z

cod.29



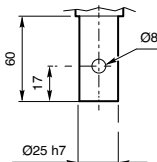
X Y Z

cod.44



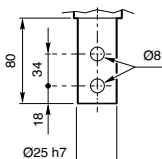
X Y Z

cod.34



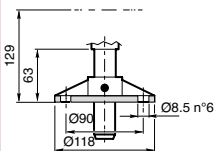
X Y Z

cod.08



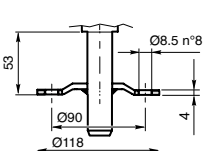
X Y Z

cod.30



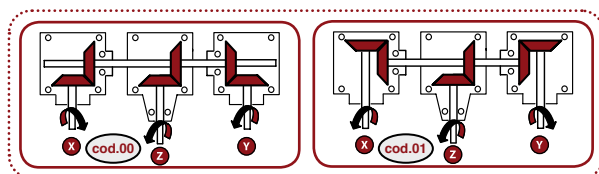
X Y Z

cod.31



X Y Z

Sensi di rotazione alberi / Shaft direction



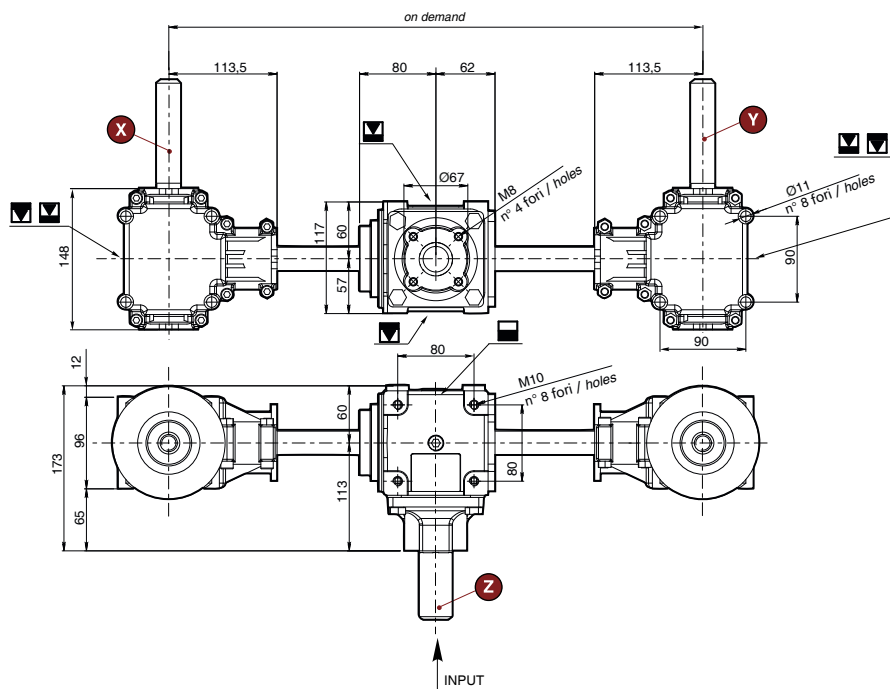
cod.R

Denti dritti senza ruota libera
Straight Teeth without Free Wheel

L15-T18-L15 cod.19



Dimensioni / Dimensions

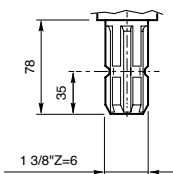


Caratteristiche tecniche / Technical data

i	Input										
	Z	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 Toothings	KG	LT	Alberi Shafts
1:1	cod.06	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	cod.08	540	729	13/17	230	170		cod.R		0.35 Oil	

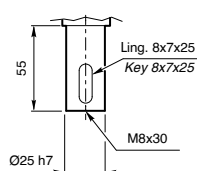
Alberi / Shafts

cod.01



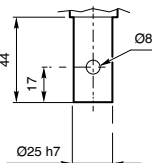
X Y Z

cod.29



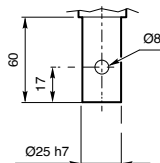
X Y Z

cod.44



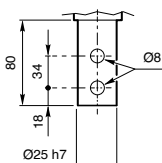
X Y Z

cod.34



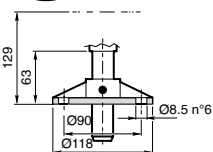
X Y Z

cod.08



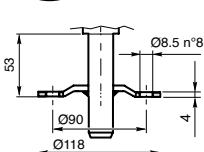
X Y Z

cod.30



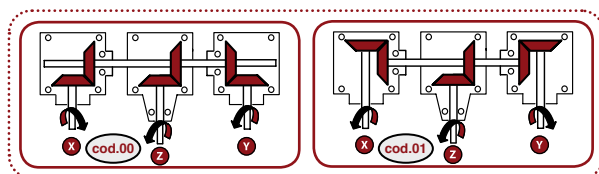
X Y Z

cod.31



X Y Z

Sensi di rotazione alberi / Shaft direction



cod.R

Denti dritti senza ruota libera
Straight Teeth without Free Wheel

Note

[illegible]

SERIE T			
T-18		 	34
T-20		 	36
T-20EX			38
T-20CP			40
T-29			42
T-36		 	44
T36EX			46
T36C		 	48
T-45		 	50
T-55	   		52
T-57		 	54
T-100			56
T-100EX			58
T-100CP			60
T-101	  		62
T-101EX			64
T-101CP			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	
S	R	01	06	01	11	15	X
S	cod.R	cod.01	cod.06	cod.01	cod.11	cod.15	cod.X
R	Denti dritti senza ruota libera Straight Teeth without Free Wheel	T20 ..	1:1 ..				
L	Denti dritti con ruota libera Straight Teeth with Free Wheel			..	..	..	..
D	Denti dritti con doppia ruota libera Straight Teeth with double Free Wheel						
Y	Denti elicoidali senza ruota libera Helical Teeth without Free Wheel	pag. dedicate dedicated pag.	pag. dedicate dedicated pag.	pag. dedicate dedicated pag.			pag. dedicate dedicated pag.
W	Denti elicoidali con ruota libera Helical Teeth with Free Wheel						
J	Denti elicoidali con doppia ruota libera Helical Teeth with double Free Wheel						



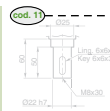
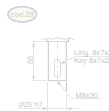
L11 **cod. 30**

Preparazione del terreno
Land preparation

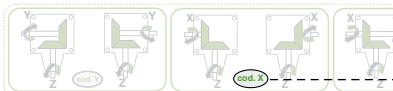
Dimensioni / Dimensions

Input		Output		Gear		Shaft		Gear		Shaft	
1.1	cod. 06	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

Alberi / Shafts



Sensi di rotazione alberi / Shaft rotation directions



cod. R

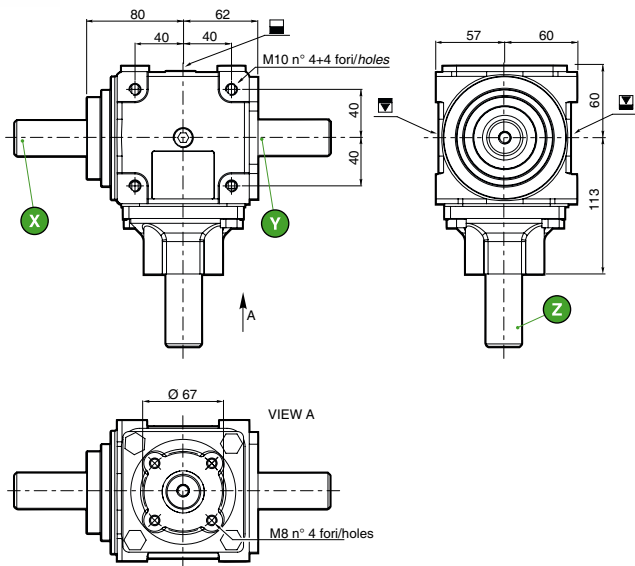
Albero ingranaggio
Simple Angle Gear Unit



T-18 **cod.18**



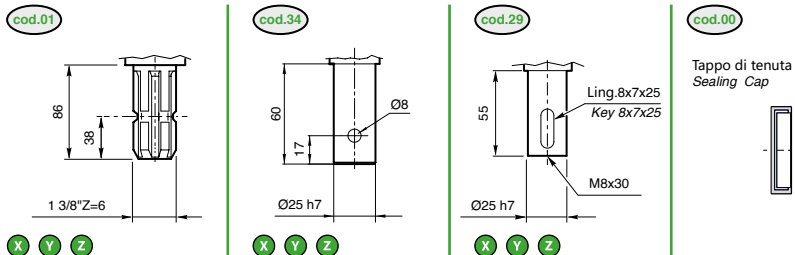
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

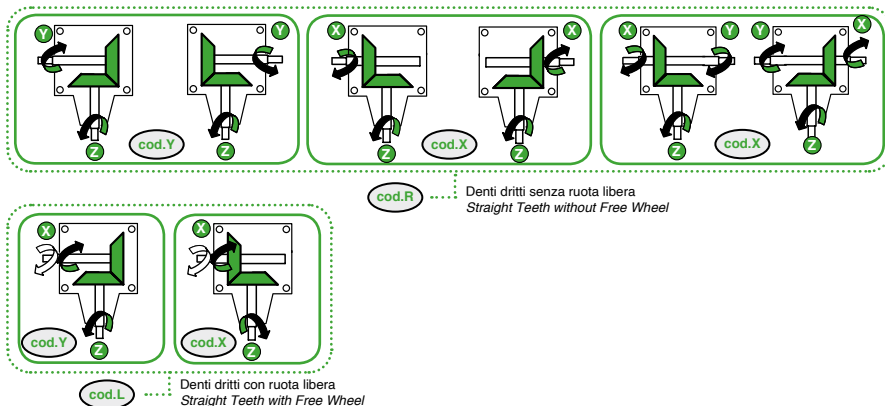
i	Input											
	Z	X/Y	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
1.35:1	cod.08	cod.28	540	400	9(12)	159	215	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	8.2	0.35	Vedi pagina seguente See next page
1:1	cod.06	cod.05	540	540	11(15)	195	195	Ghisa G25 Gray Cast iron	con ruota libera With free wheel			
1:1.35	cod.28	cod.08	540	729	11(15)	195	144					

Alberi / Shafts



T-18

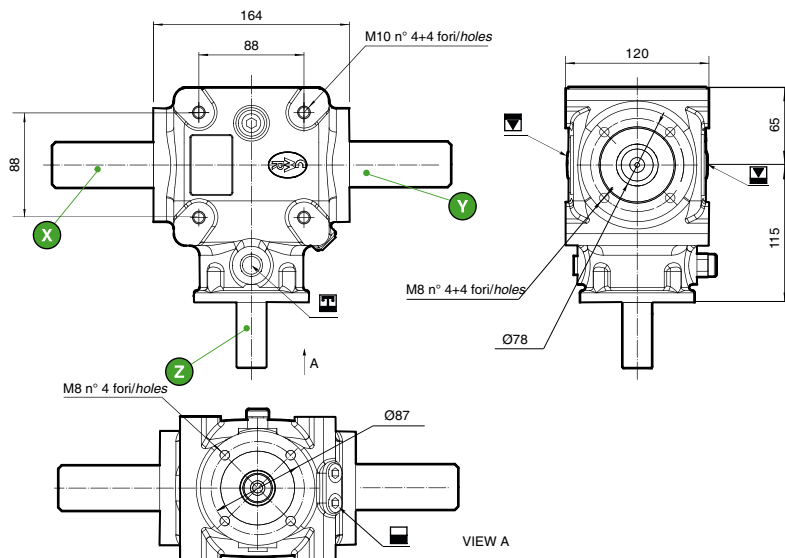
Sensi di rotazione alberi / Shaft direction



T-20 cod.01



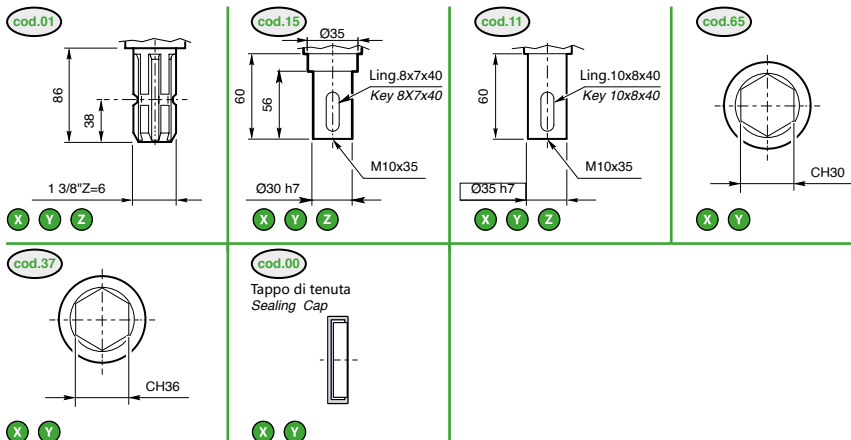
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

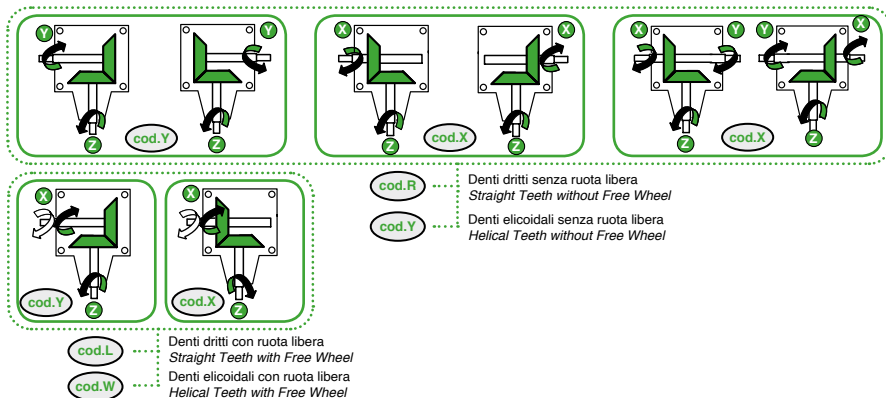
i	Input											
		 / 	n _i rpm input	n ₂ rpm output	P _i Kw(HP)	T _i N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
2.9:1	cod.17		540 1000	186 345	4/6 7/9	70 66	205 193	Ghisa GS400 Ductile Cast iron Ghisa G25 Gray Cast iron	Gleason denti elicoidali Gleason Helical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

Alberi / Shafts



T-20

Sensi di rotazione alberi / Shaft direction

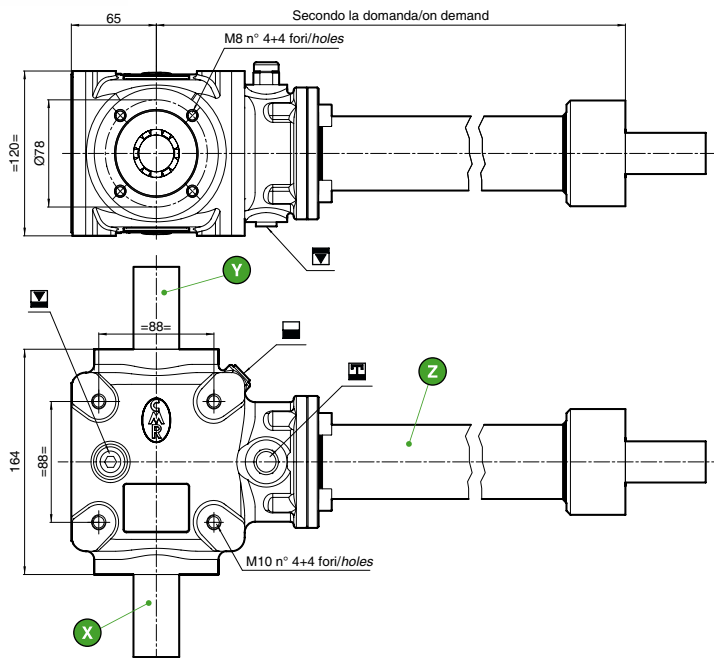


T-20EX

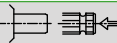
cod.01



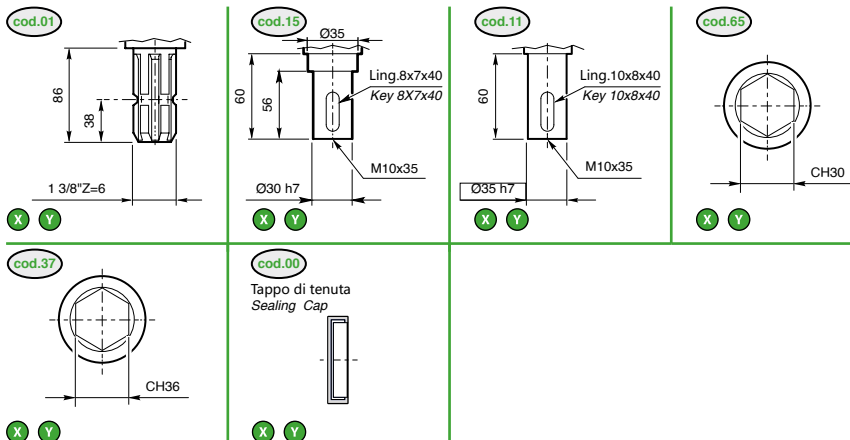
Dimensioni / Dimensions



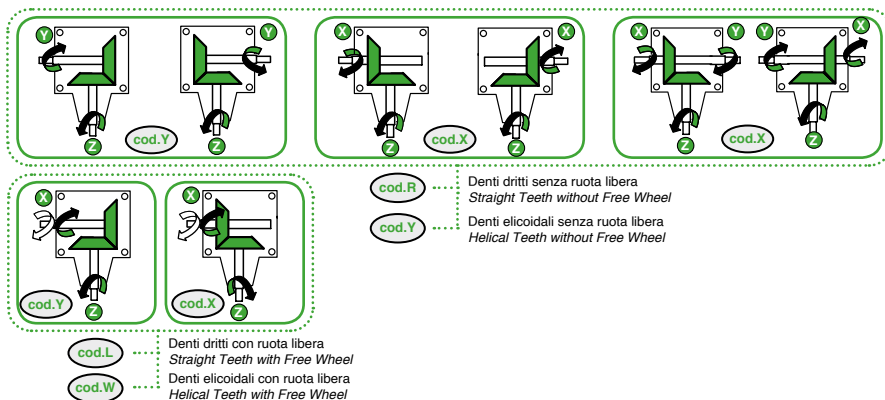
Caratteristiche tecniche / Technical data

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
1:1.9		540 1000	1026 1900	14/19 26/34	247 239	130 126	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali GleasonHelical Teeth 			
							Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth 		0.45	Vedi pagina seguente See next page
1:2.9		540	1566	10/14	176	60		con ruota libera With Free Wheel  			

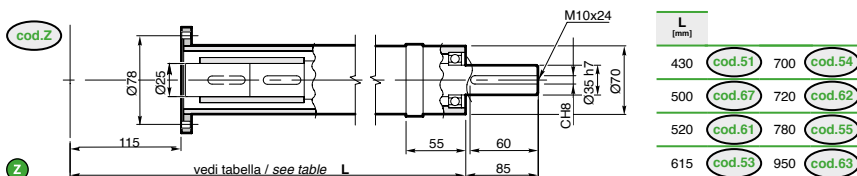
Alberi / Shafts



Sensi di rotazione alberi / Shaft direction



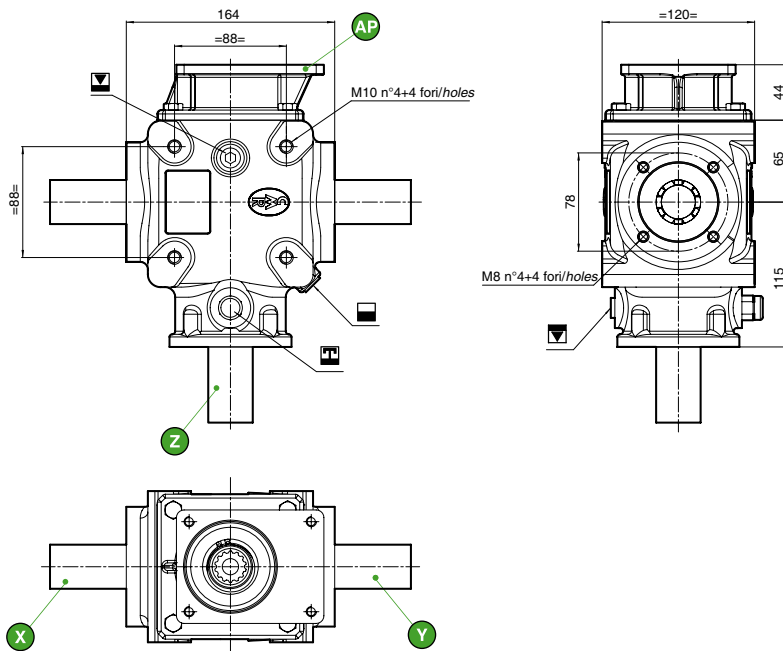
Prolunghe / Extensions



T-20CP cod.01



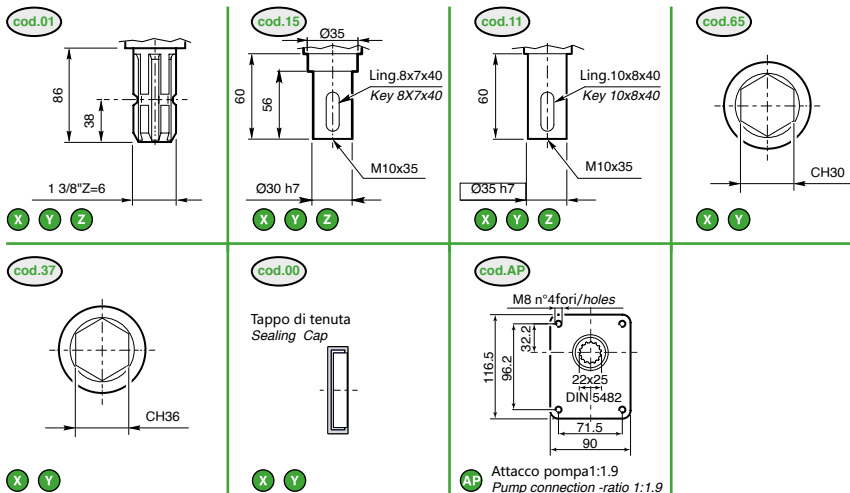
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

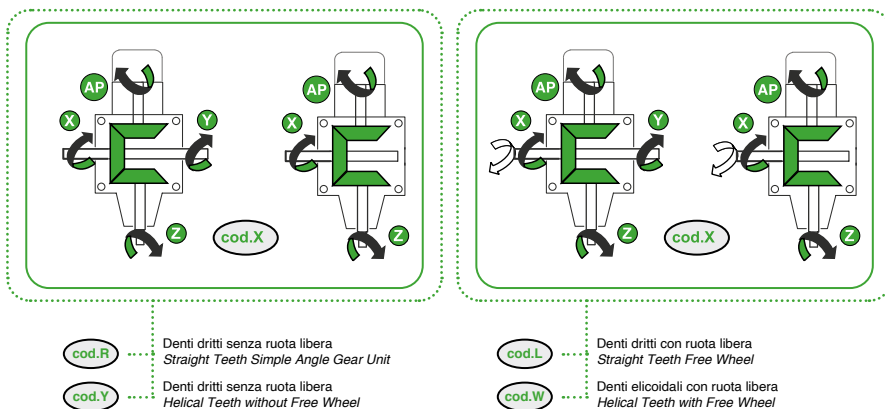
i	Input										
	X / Y	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
1:1.9	cod.28	540	1026	18(23)	318	167	Ghisa GS400 Ductile Cast iron Ghisa G25 Gray Cast iron	Gleason denti elicoidali GleasonHelical Teeth cod.Y Gleason denti dritti Gleason Straight Teeth cod.R con ruota libera With Free Wheel cod.L cod.W	12	0.45	Vedi pagina seguente See next page

Alberi / Shafts

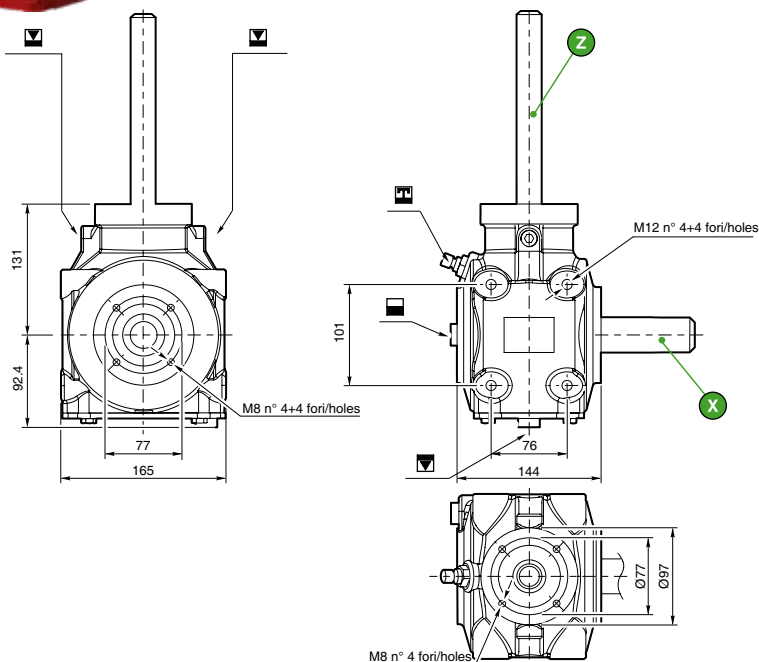


T-20CP

Sensi di rotazione alberi / Shaft direction



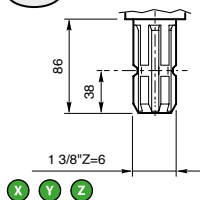

T-29 cod.54

Dimensioni / Dimensions

Caratteristiche tecniche / Technical data

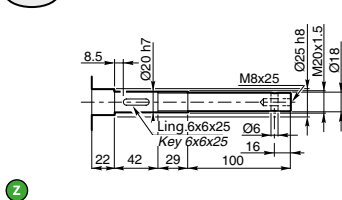
i	Input											
	Z	X / Y	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
6:1	—	cod.50	540	90	4/4.5	70	424	Ghisa G25 Gray Cast iron	Gleason denti elicoidali Gleason Helical Teeth	20	0.8	Vedi pagina seguente See next page
1:6	cod.50	—	540	3240	13/17.7	228	38		cod.Y			

Alberi / Shafts

cod.01

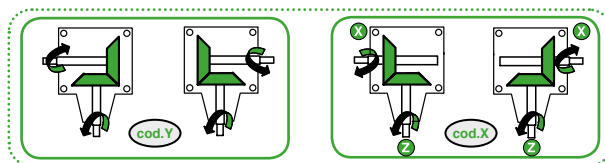


cod.77



T-29

Sensi di rotazione alberi / Shaft direction



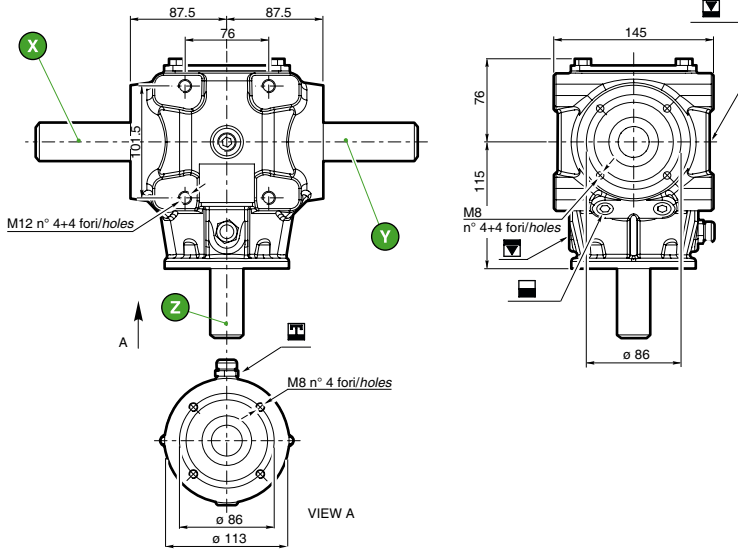
cod.Y Denti elicoidali senza ruota libera
Helical Teeth without Free Wheel



T-36



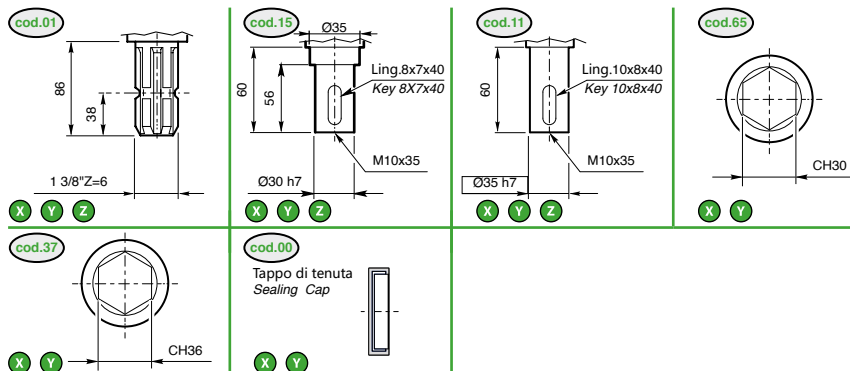
Dimensioni / Dimensions



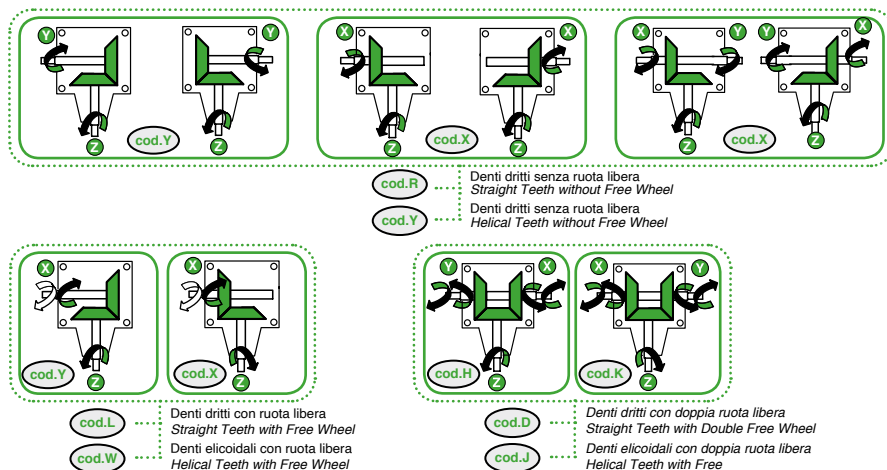
Caratteristiche tecniche / Technical data

i	Input												
	Z	X / Y	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	
3:1	cod.18		540	180	9/12.2	156	470		Gleason denti elicoidali Gleason Helical Teeth	15	1.1	Vedi pagina seguente See next page	
2:1	cod.81	cod.79	540	270	13/18	229	459		cod.Y				
1.46:1	cod.69	cod.13	540	370	19/25.8	335	490	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth				
1:1	cod.66	cod.66	540	540	26/35.4	460	460		cod.R				
1:1.46	cod.13	cod.66	540	788	24/32.6	423	290	Ghisa G25 Gray Cast iron	con ruota libera With Free Wheel				
1:2	cod.79	cod.81	540	1080	18/24.5	318	159		cod.L cod.W				
1:3		cod.18	540	1620	15/20.4	264	88		con doppia ruota libera With Double Free Wheel	cod.D cod.J			

Alberi / Shafts



Sensi di rotazione alberi / Shaft direction

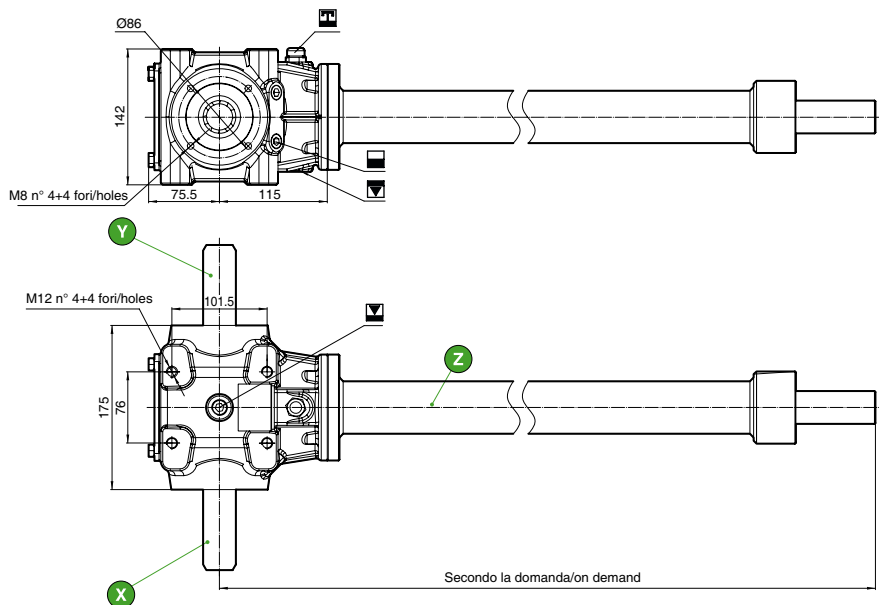


T-36EX

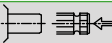
cod.55



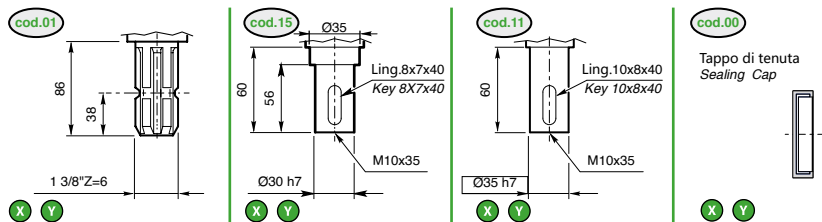
Dimensioni / Dimensions



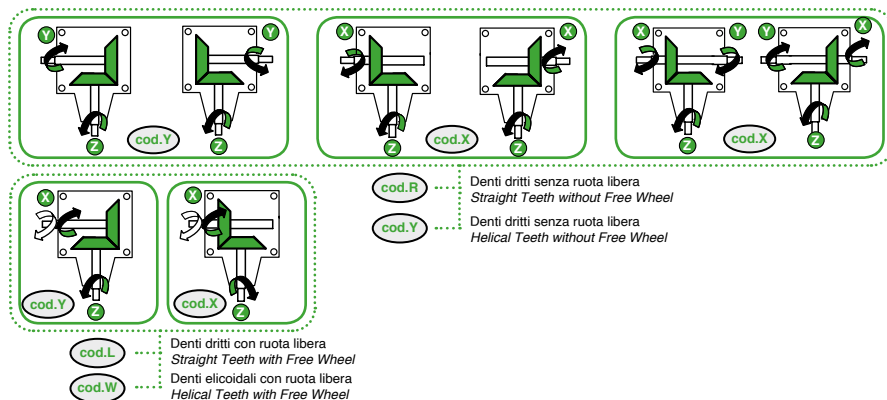
Caratteristiche tecniche / Technical data

i	Input										
	 	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
1:1.46		540	788	24/32.6	423	290	Ghisa GS400 Ductile Cast iron Ghisa G25 Gray Cast iron	Gleason denti elicoidali Gleason Helical Teeth 			Vedi pagina seguente See next page
1:2		540	1080	18/24.5	318	159		Gleason denti dritti Gleason Straight Teeth 			
1:3		540	1620	15/20.4	264	88		con ruota libera With Free Wheel  			

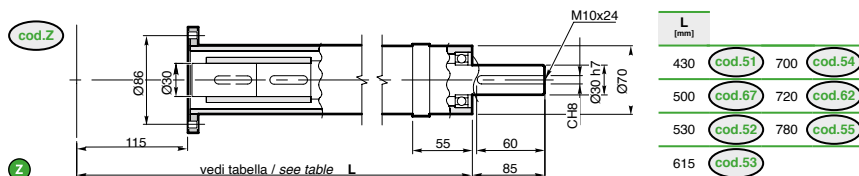
Alberi / Shafts



Sensi di rotazione alberi / Shaft direction



Prolunghe / Extensions



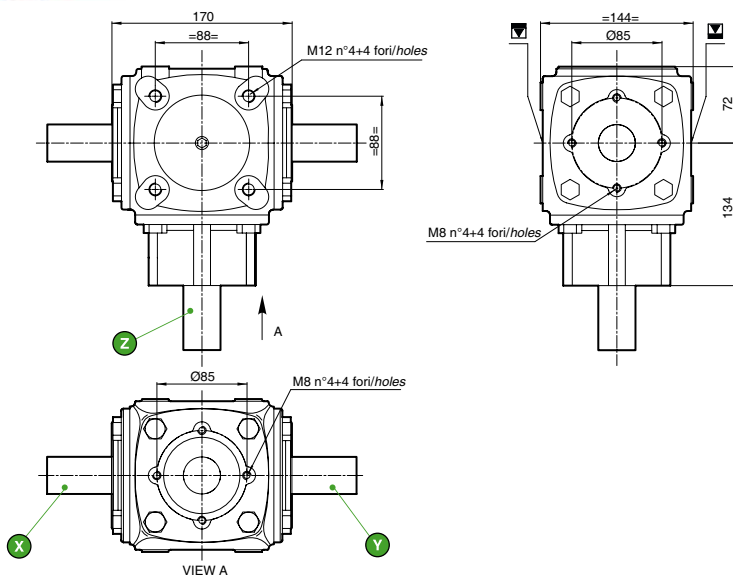


T-36C

cod.59



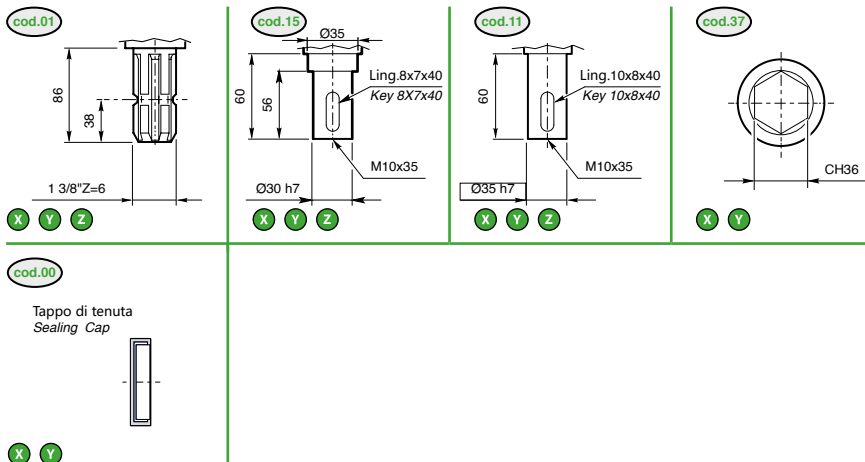
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

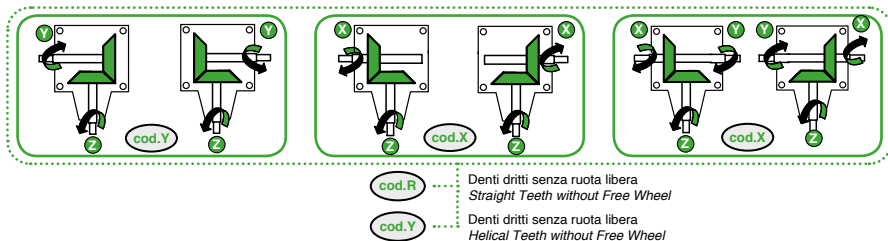
i	Input					Materiale Material	Dentatura Tooththing				Alberi Shafts
	Z	X / Y	n ₁ rpm input	n ₂ rpm output	P ₁ Kw (HP)	T ₁ N.m (input)	T ₂ N.m (output)				
2:1	cod.81	cod.79	540	270	13/18	229	459	Ghisa GS400 Ductile Cast iron	14	0.9	Vedi pagina seguente See next page
1.84:1	cod.36	cod.37	1000	543	16/21	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				
								Ghisa G25 Gray Cast iron			
								Gleason denti elicoidali Gleason Helical Teeth cod.Y			
								Gleason denti dritti Gleason Straight Teeth cod.R			

Alberi / Shafts



T-36C

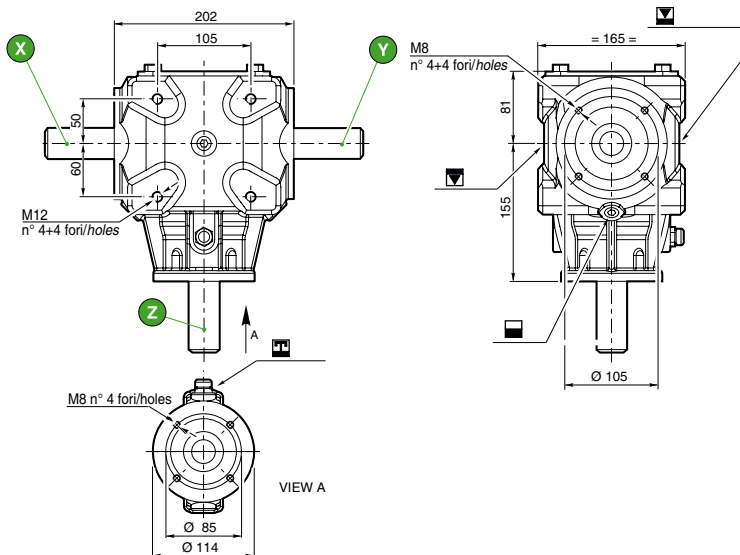
Sensi di rotazione alberi / Shaft direction



T-45 cod.41



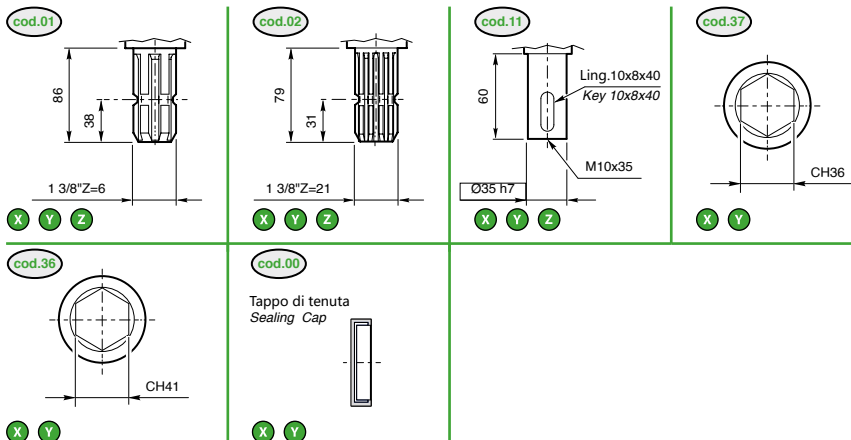
Dimensioni / Dimensions



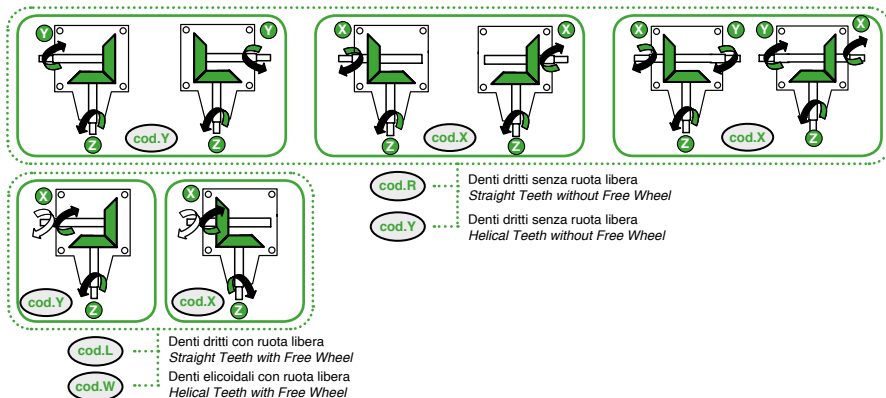
Caratteristiche tecniche / Technical data

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 Toothings	KG	LT	Alber Shafts
1.9:1			540 1000	284 526	15.1/20.5 30/40	266 286	507 544	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			540	370	30/40.8	530	775		Gleason denti dritti Gleason Straight Teeth 			
1:1			540 1000	540 1000	40/54.4 75/100	707 716	707 716		con ruota libera With Free Wheel  			
1:1.46			540	788	31.5/42.8	554	380					
1:1.9			540	1025	26/35.5	459	242					

Alberi / Shafts



Sensi di rotazione alberi / Shaft direction

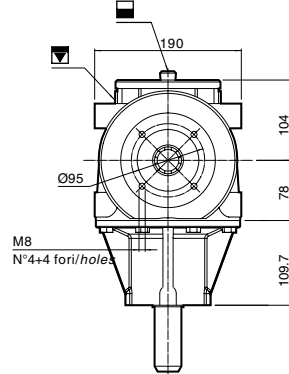
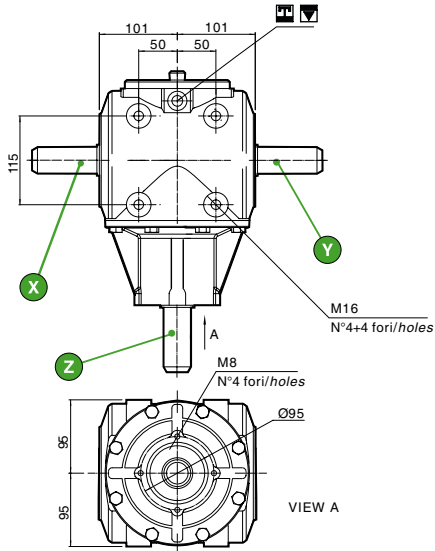




T-55 



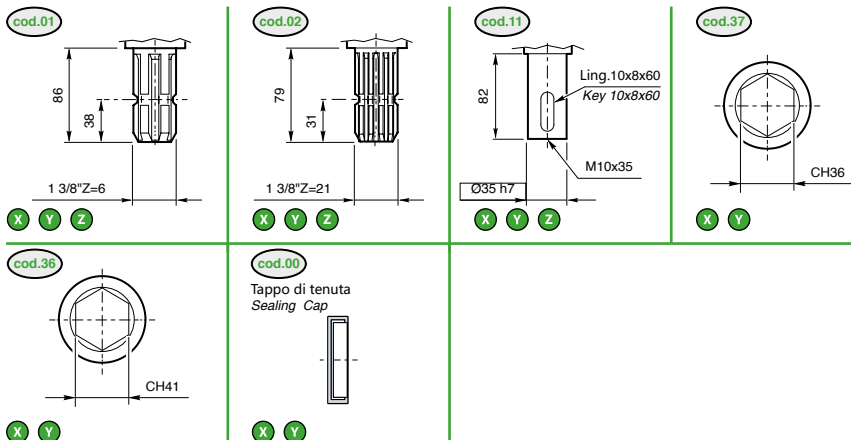
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

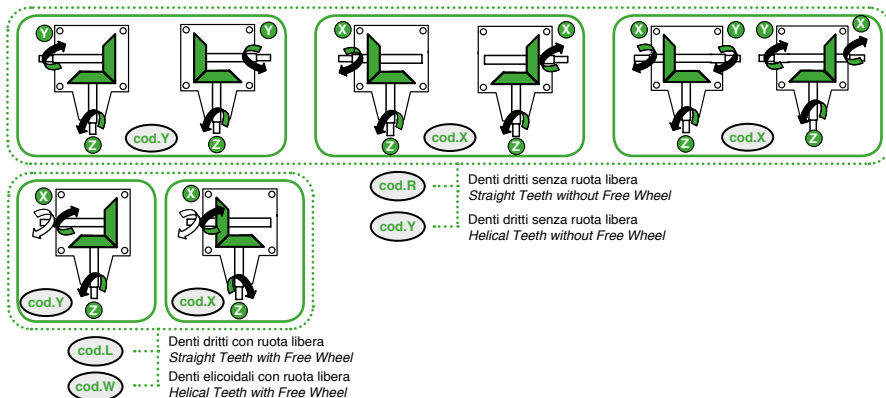
i	Input											
			n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
1.92:1	cod.12	cod.30	540	281	33.1/45	567	1090	Ghisa GS400 Ductile Cast iron Ghisa G25 Gray Cast iron	Gleason denti elicoideali Gleason Helical Teeth	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 Gleason denti dritti Gleason Straight Teeth			
1:1	cod.06	cod.06	540	540	45/61	795	795		cod.R con ruota libera With Free Wheel			
1:1.6	cod.13	cod.09	540	864	40.5/55	715	447					
1:1.92	cod.30	cod.12	540	1036	40.5/55	716	373		cod.L cod.W			

Alberi / Shafts



T-55

Sensi di rotazione alberi / Shaft direction

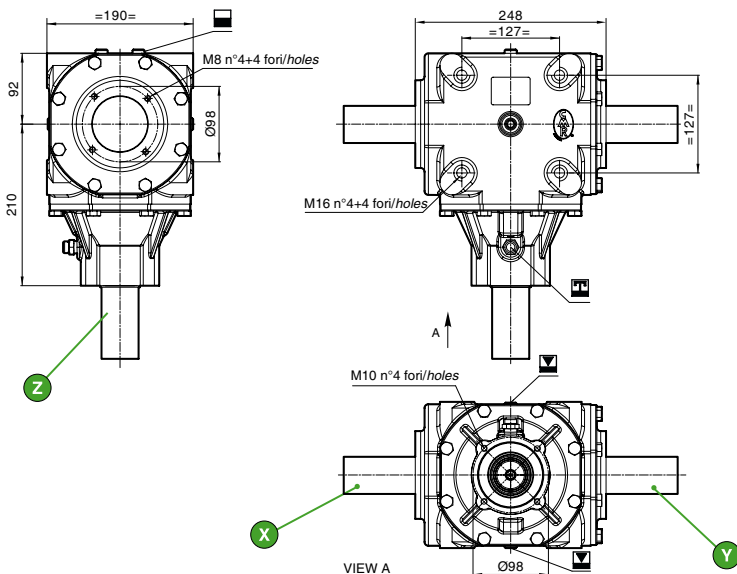


T-57

cod.51



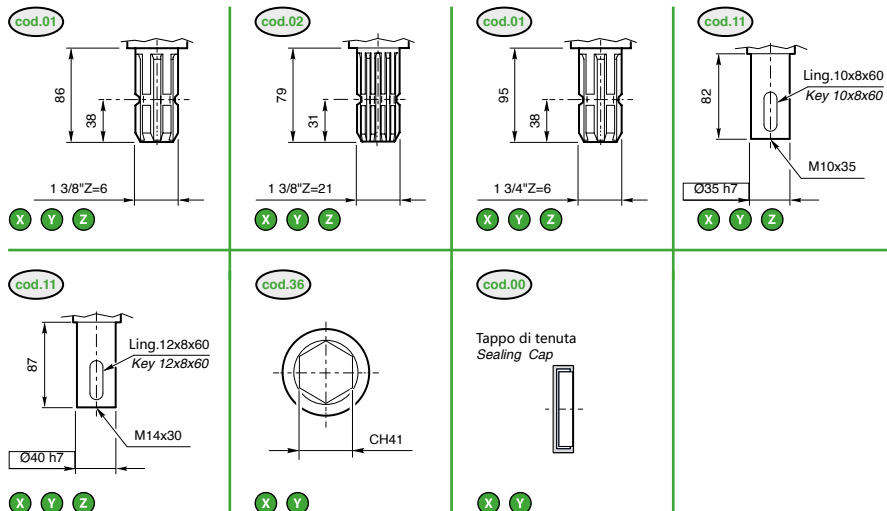
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

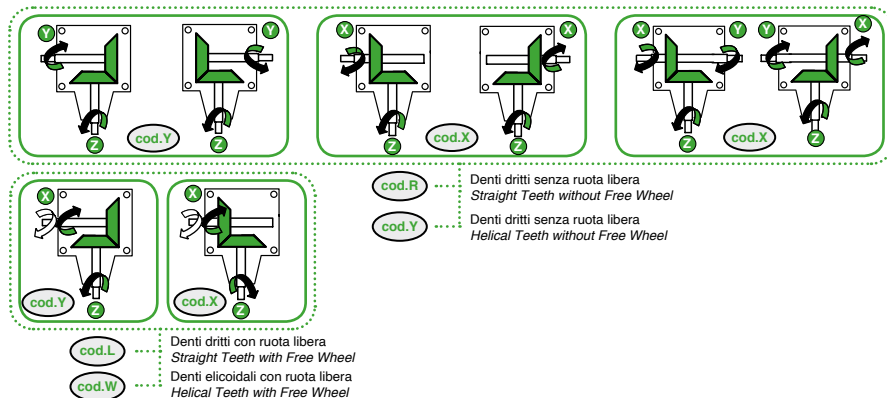
i	Input					Materiale Material	Dentatura Toothings	KG	LT		Alberi Shafts
	Z	X / Y	n _i rpm input	n _e rpm output	P _i Kw(HP)	T _i N.m(input)	T _e N.m(output)				
1:1.92	cod.32	cod.26	540	1037	62.5(85)	1105	570	Ghisa GS400 Ducile Cast iron	40	2.3	Vedi pagina seguente See next page
1:1.5	cod.86	cod.53	540	810	66.2(90)	1164	776				
1:1.35	cod.26	cod.34	540	729	73.5 (100)	1291	957				
1:1	cod.06	cod.06	540	540	73.5 (100)	1293	1293				
1.35:1	cod.34	cod.26	540 1000	400 741	66.2(90) 73.5 (100)	1164 702	1572 948				
1.5:1	cod.53	cod.86	540	360	58.9(80)	1036	1554				
1.92:1	cod.26	cod.32	1000	520	33.1(45)	316	607				

Alberi / Shafts



T-57

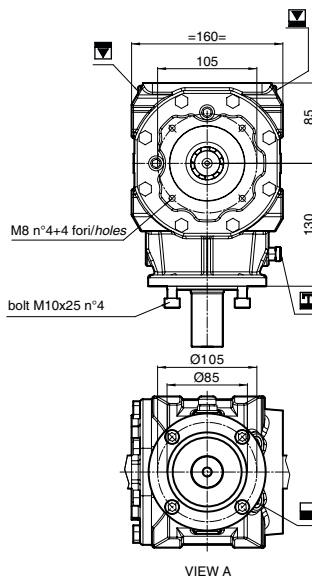
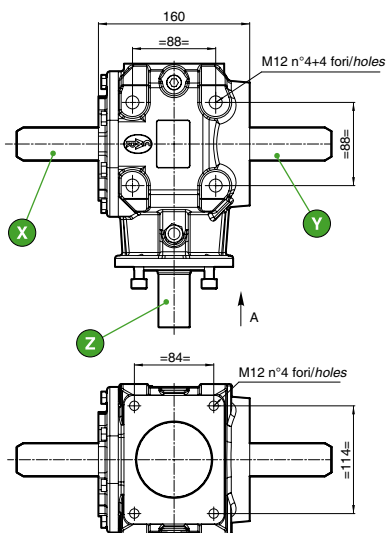
Sensi di rotazione alberi / Shaft direction



T-100 cod.10



Dimensioni / Dimensions

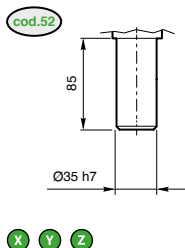
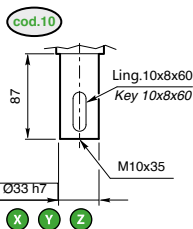
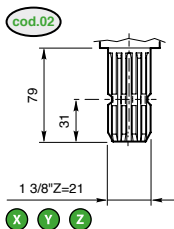
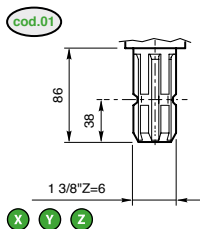


Caratteristiche tecniche / Technical data

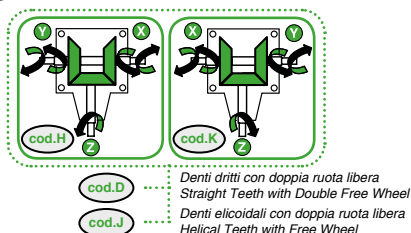
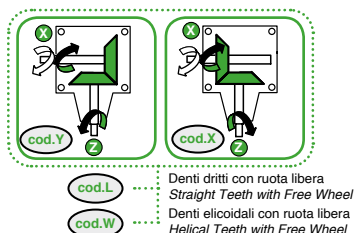
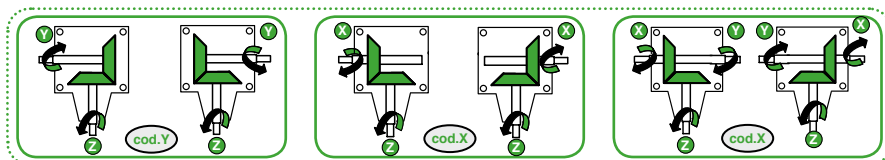
i	Input					Materiale Material	Dentatura Toothing			
	Z	X / Y	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			
3:1	cod.18		540 1000	180 333	10/13.6 14/19	176 133	530 401	Ghisa GS400 Ductile Cast iron	18	0.6
1.93:1	cod.32		540 1000	279 518	14/19 20/27.2	243 196	470 380			
1.66:1	cod.11	cod.69	540 1000	325 602	18/24.5 27/36.7	318 257	528 428			
1:1.66	cod.68	cod.11	540 1000	896 1660	30/40.8 43.4/59	530 414	310 249			
1:1.93		cod.32	540 1000	1042 1093	29.4/40 40/54.4	520 366	260 190			
1:3	cod.18		540	1620	22/29.9	390	130			
								Ghisa G25 Gray Cast iron		
								Gleason denti elicoidali Gleason Helical Teeth cod.Y		
								Gleason denti dritti Gleason Straight Teeth cod.R		
								con ruota libera With Free Wheel cod.L cod.W		
								con doppia ruota libera With Double Free Wheel cod.D cod.J		

Vedi pagina
seguente
See next page

Alberi / Shafts



Sensi di rotazione alberi / Shaft direction

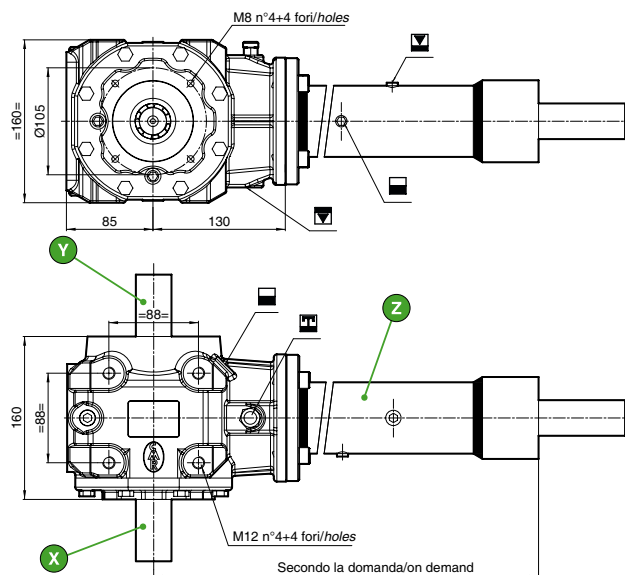


T-100EX

cod.10



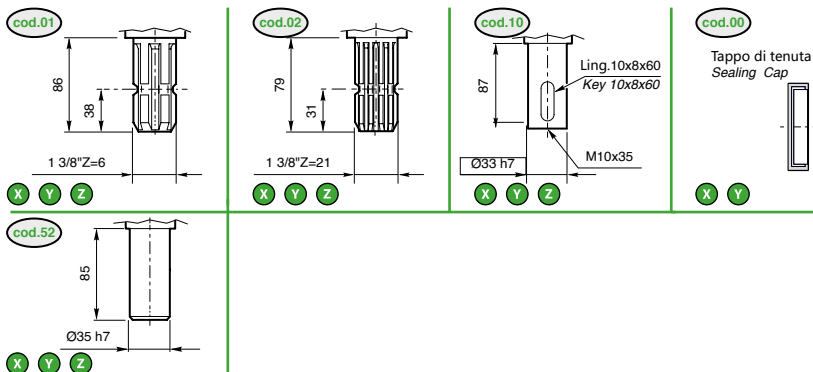
Dimensioni / Dimensions



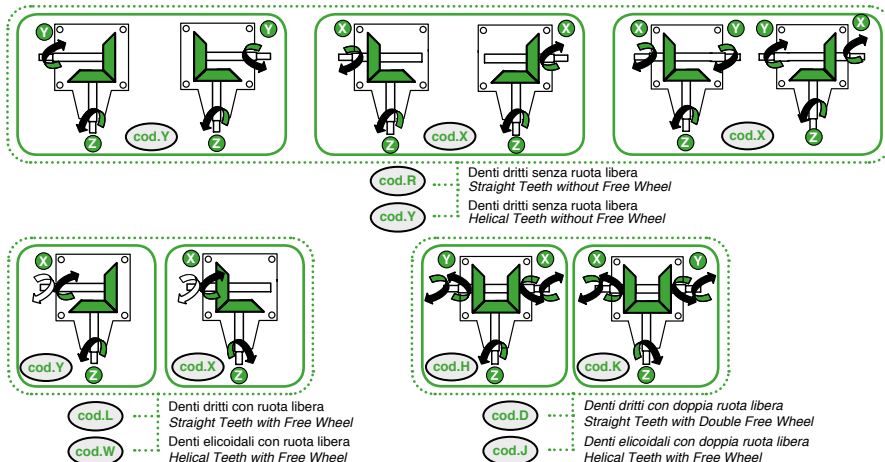
Caratteristiche tecniche / Technical data

i	Input											
	Z	X / Y	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
1:3		cod.18	540	1620	22/29.9	389	130		Gleason denti elicoidali Gleason Helical Teeth cod.Y			
1:1.93		cod.32	540 1000	1042 1093	29.4/40 40/54.4	520 382	260 190	Ghisa GS400 Ductile Cast iron Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R con ruota libera With Free Wheel cod.L cod.W con doppia ruota libera Double Free Wheel cod.D cod.J		0.6	Vedi pagina seguente See next page
1:1.66		cod.11	540 1000	896 1660	30/40.8 43.4/59	530 414	310 249					

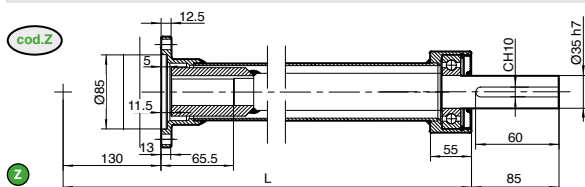
Alberi / Shafts



Sensi di rotazione alberi / Shaft direction



Prolunghe / Extensions

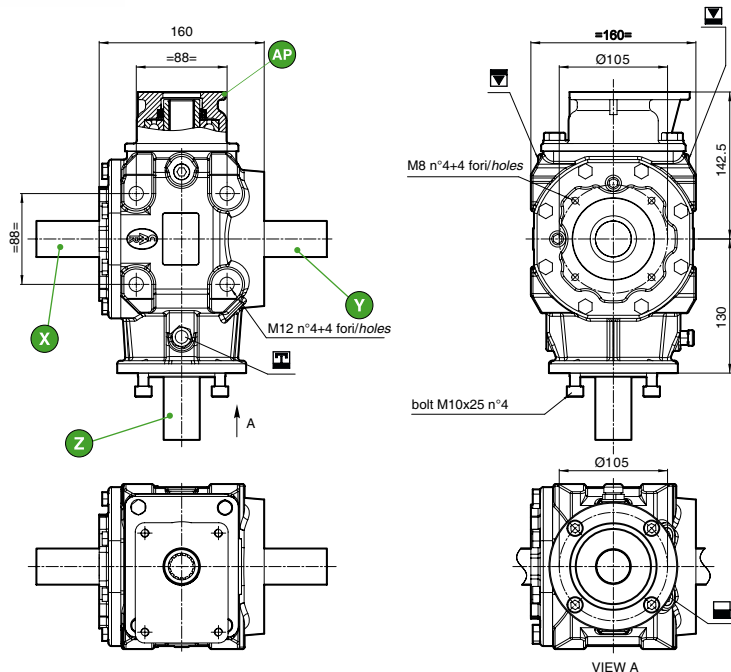


L (mm)			
430	cod.51	850	cod.56
530	cod.52	900	cod.57
615	cod.53	950	cod.58
715	cod.54	990	cod.59
780	cod.55	1200	cod.60

T-100CP cod.10



Dimensioni / Dimensions

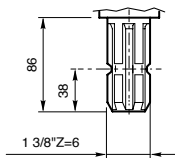


Caratteristiche tecniche / Technical data

i	Input										
	X / Y	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
1:3	cod.10	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

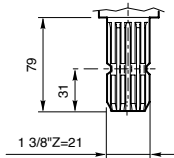
Alberi / Shafts

cod.01



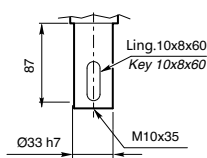
X Y Z

cod.02



X Y Z

cod.10



X Y Z

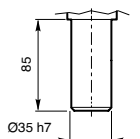
cod.00

Tappo di tenuta
Sealing Cap



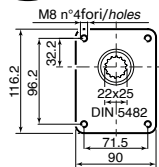
X Y

cod.52



X Y Z

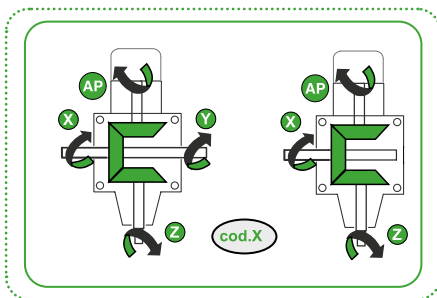
cod.AP



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

AP

Sensi di rotazione alberi / Shaft direction

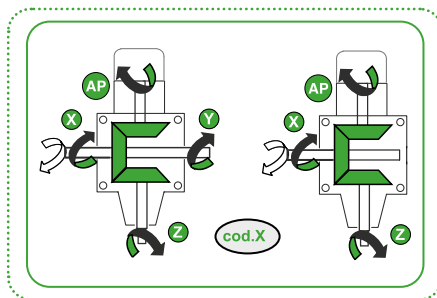


cod.R

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

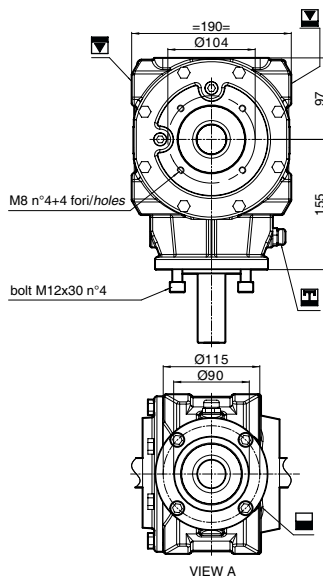
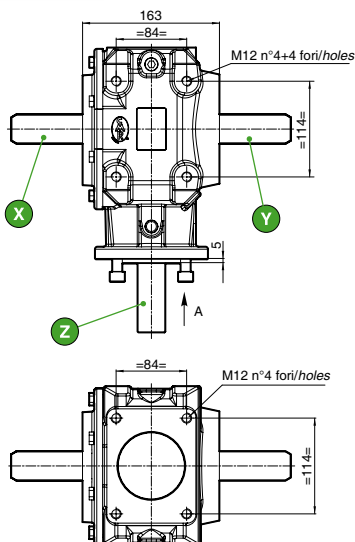
cod.W

Denti dritti con ruota libera
Helical Teeth with Free Wheel

T-101 cod.11



Dimensioni / Dimensions

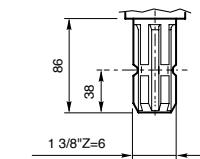


Caratteristiche tecniche / Technical data

i	Input											
	Z	X/Y	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
5.33:1	cod.68		540 1000	102 188	5/6.8 7.5/10.2	88 71	471 381	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth cod.Y Gleason denti dritti Gleason Straight Teeth cod.R	23.5	0.8	Vedi pagina seguente See next page
3:1	cod.18		540 1000	180 333	15/20 25/34	265 238	796 716					
1.93:1	cod.32		540 1000	280 526	25/34 38/51.7	442 367	840 690					
1.66:1	cod.11	cod.69	540 1000	325 602	25/34 40/54	442 382	733 634					
1:1.66	cod.69	cod.11	540 1000	896 1660	40/54.4 60/81.6	707 573	426 345					
1:1.93		cod.32	540 1000	1026 1900	46/61.2 68/92.5	760 649	400 341					
1:3		cod.18	540 1000	1620 3000	38/51.7 59/80.2	672 563	224 188					
1:5.33	cod.66		540	2878	24/32	421	79		cod.D cod.J			

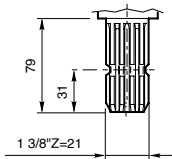
Alberi / Shafts

cod.01



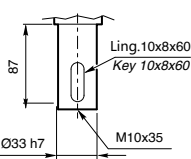
X Y Z

cod.02



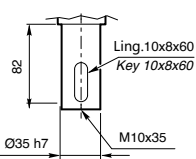
X Y Z

cod.10



X Y Z

cod.11



X Y Z

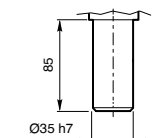
cod.00

Tappo di tenuta
Sealing Cap



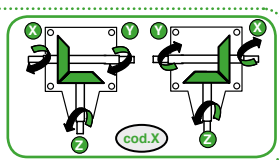
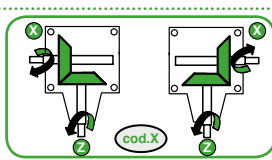
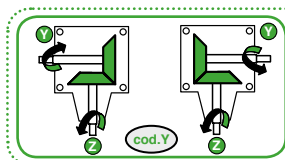
X Y

cod.52

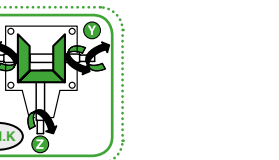
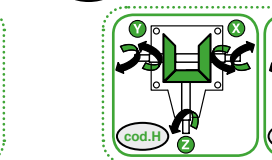
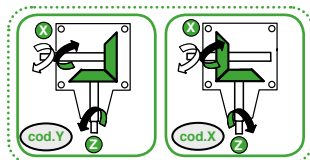


X Y Z

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

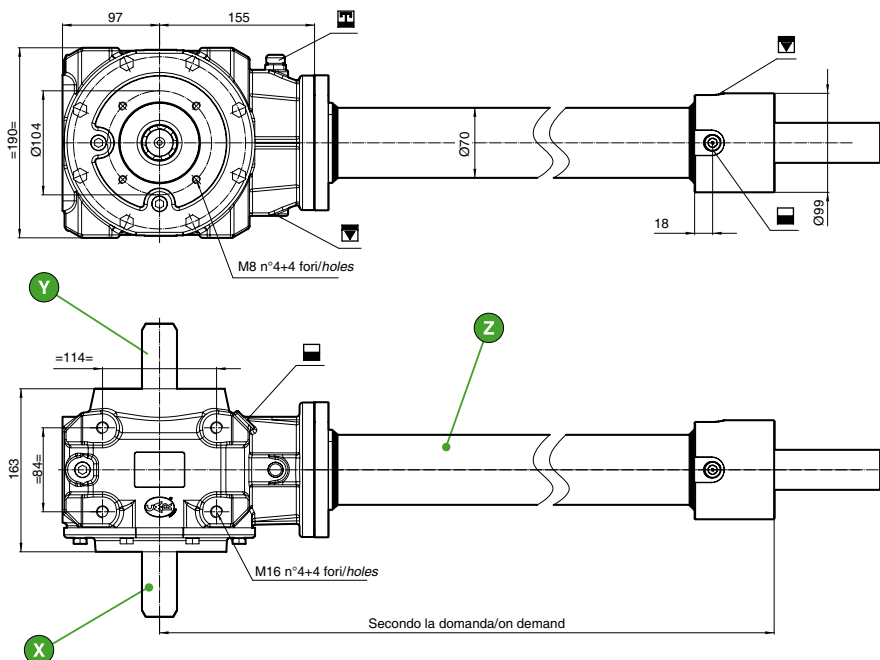
cod.D Denti dritti con doppia ruota libera
Straight Teeth with Double Free Wheel
cod.J Denti elicoidali con doppia ruota libera
Helical Teeth with Free Wheel

T-101EX

cod.11



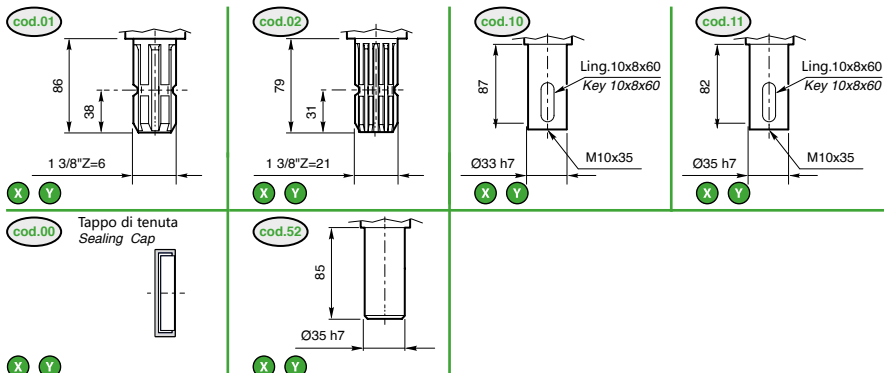
Dimensioni / Dimensions



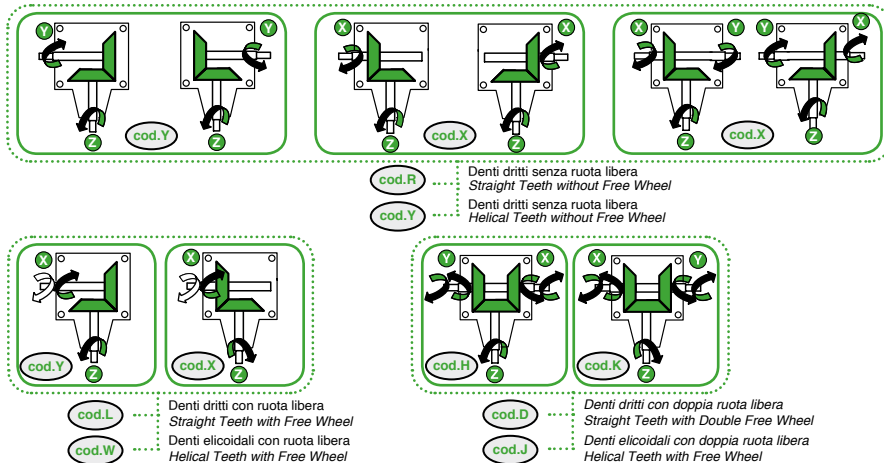
Caratteristiche tecniche / Technical data

i	Input							Materiale Material	Dentatura Toothings	KG	LT		Alberi Shafts
	X / Y	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)							
1:5.33	cod.88	540	2878	24/32	421	79			Gleason denti elicoidali Gleason Helical Teeth				
1:3	cod.18	540 1000	1620 3000	38/51.7 59/80.2	672 563	224 181	Ghisa GS400 Ductile Cast iron		Gleason denti dritti Gleason Straight Teeth				
1:1.9	cod.32	540 1000	1026 1900	45/61.2 68/92.5	795 649	419 341	Ghisa G25 Gray Cast iron		Con ruota libera With Free Wheel				
1:1.66	cod.11	540 1000	896 1660	40/54.4 60/81.6	707 573	423 345			Con doppia ruota libera With Double Free Wheel				

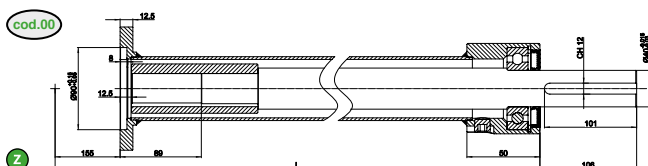
Alberi / Shafts



Sensi di rotazione alberi / Shaft direction



Prolunghe / Extensions

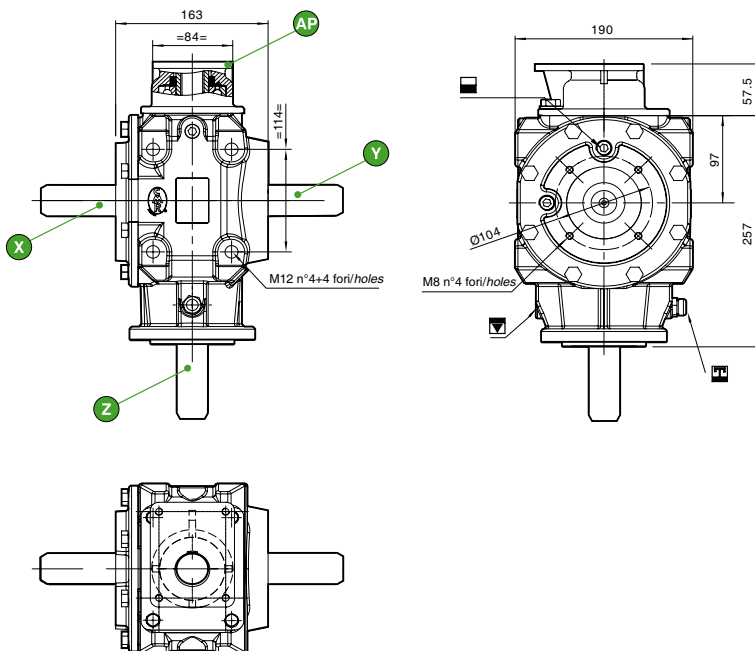


L [mm]			
500	cod.67	900	cod.57
615	cod.53	950	cod.83
700	cod.54	1060	cod.68
780	cod.55	1200	cod.60
810	cod.81	1350	cod.70

T-101CP cod.11



Dimensioni / Dimensions

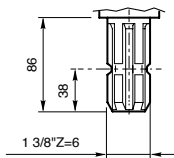


Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
	X / Y	n_1 rpm input	n_2 rpm output	P_i Kw(HP)	T_1 N.m(input)	T_2 N.m(output)					
1:3	cod.18	540	1620	38/51.7	619	210	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	23.5	1.2	Vedi pagina seguente See next page

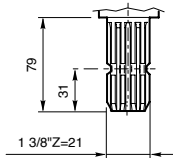
Alberi / Shafts

cod.01



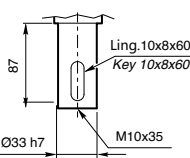
X Y Z

cod.02



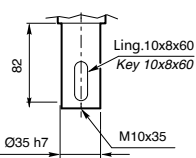
X Y Z

cod.10



X Y Z

cod.11



X Y Z

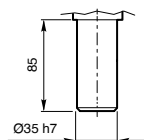
cod.00

Tappo di tenuta
Sealing Cap



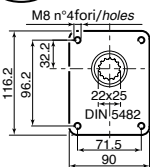
X Y

cod.52



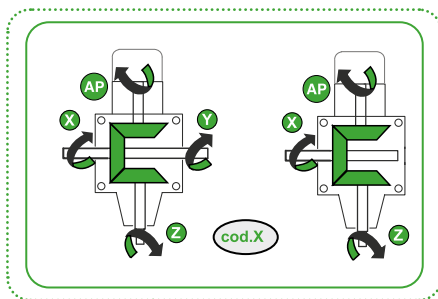
X Y Z

cod.AP



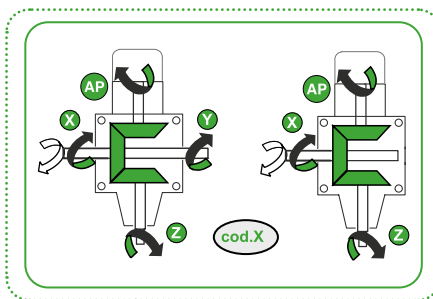
AP Attacco pompa 1:3
Pump connection -ratio 1:3

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



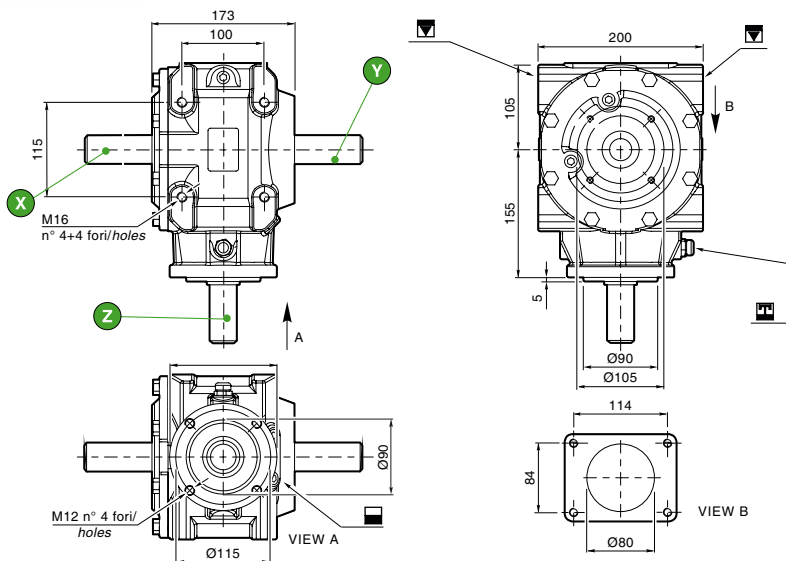
cod.L Denti dritti con ruota libera
Straight Teeth Free Wheel

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

T-102 cod.12



Dimensioni / Dimensions

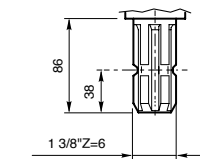


Caratteristiche tecniche / Technical data

i	Input		n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
	Z	X / Y										
3:1	cod.18		540	180	18(25)	316	950	Ghisal GS400 Ductile Cast iron	Gleason denti elicoideali Gleason Helical Teeth	27	1.5	Vedi pagina seguente See next page
1.93:1	cod.32		540	279	28(38)	492	950		cod.Y			
1.66:1	cod.11	cod.69	540	325	30(41)	530	880	Ghisal G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth			
1:1.66	cod.68	cod.11	540	896	50(68)	879	530		con ruota libera With Free Wheel			
1:1.93		cod.32	540	1042	63(85)	1114	570		cod.L cod.W			
1:3	cod.18		540	1620	46(63)	810	270		con doppia ruota libera Double Free Wheel			
			1000	3000	70(95)	669	223		cod.D cod.J			

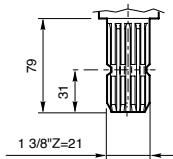
Alberi / Shafts

cod.01



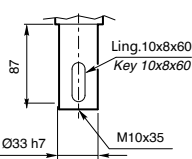
X Y Z

cod.02



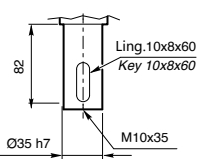
X Y Z

cod.10



X Y Z

cod.11



X Y Z

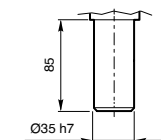
cod.00

Tappo di tenuta
Sealing Cap



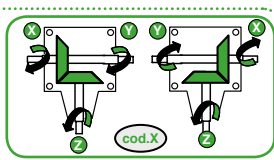
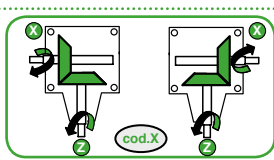
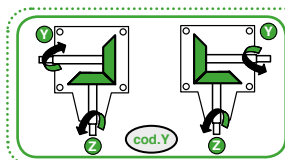
X Y

cod.52

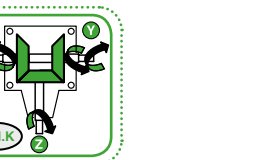
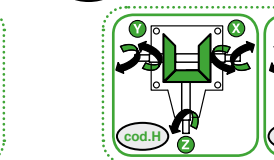
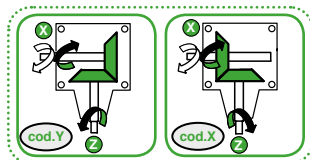


X Y Z

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

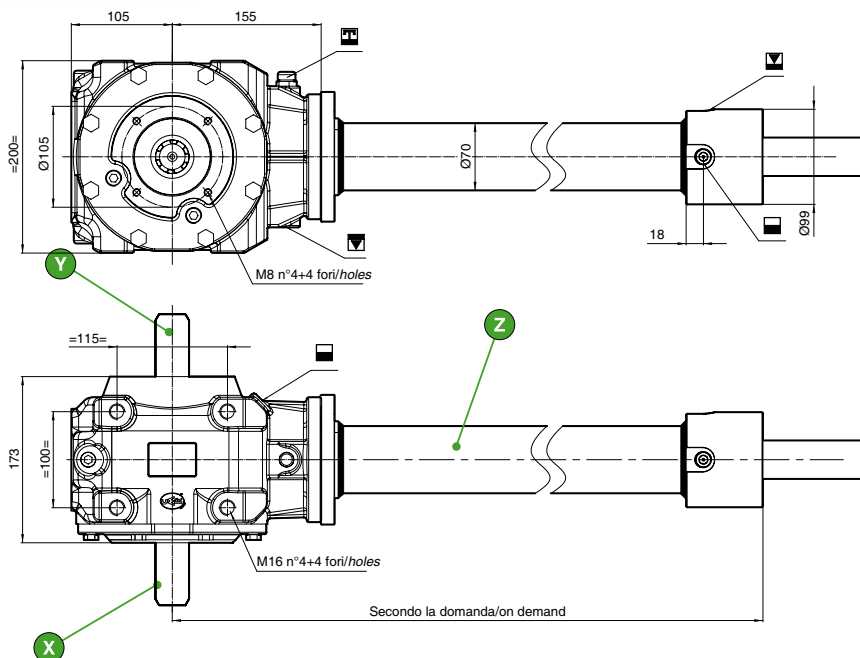
cod.D Denti dritti con doppia ruota libera
Straight Teeth with Double Free Wheel
cod.J Denti elicoidali con doppia ruota libera
Helical Teeth with Free Wheel

T-102EX

cod.12



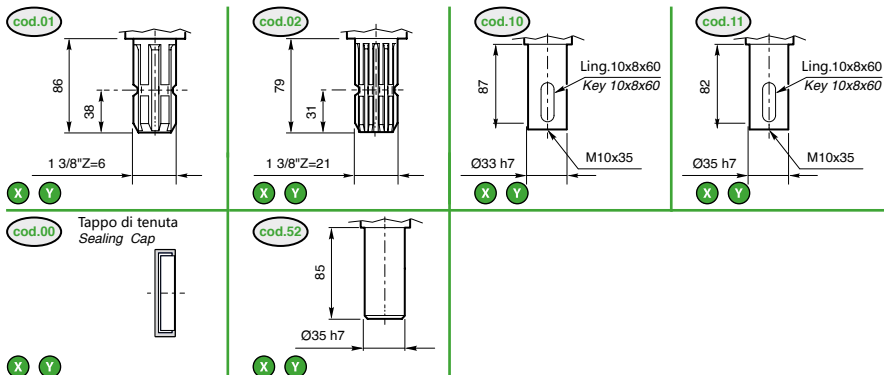
Dimensioni / Dimensions



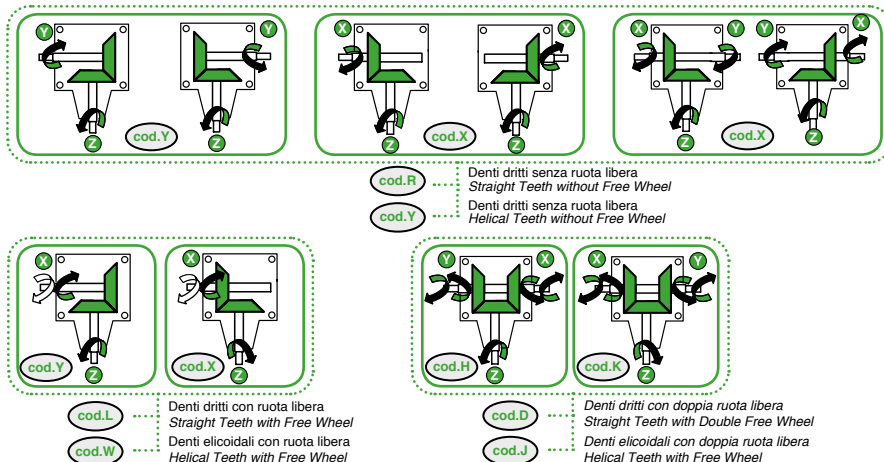
Caratteristiche tecniche / Technical data

i	Input										
		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 Toothings	KG	LT	Alberi Shafts
1:1.66		540 1000	896 1660	50(68) 76.5(104)	879 730	530 431	Ghisa GS400 Ductile Cast iron Ghisa G25 Gray Cast iron	Gleason denti elicoidali Gleason Helical Teeth 	1.5		Vedi pagina seguente See next page
1:1.93		540 1000	1042 1930	63(85) 92(125)	1114 878	570 455		Gleason denti dritti Gleason Straight Teeth  Con ruota libera With Free Wheel  			
1:3		540	1620	46(63)	810	270		Con doppia ruota libera With Double Free Wheel  			

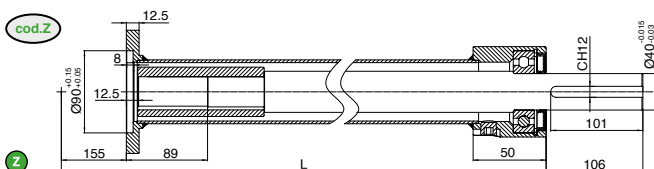
Alberi / Shafts



Sensi di rotazione alberi / Shaft direction



Prolunghe / Extensions



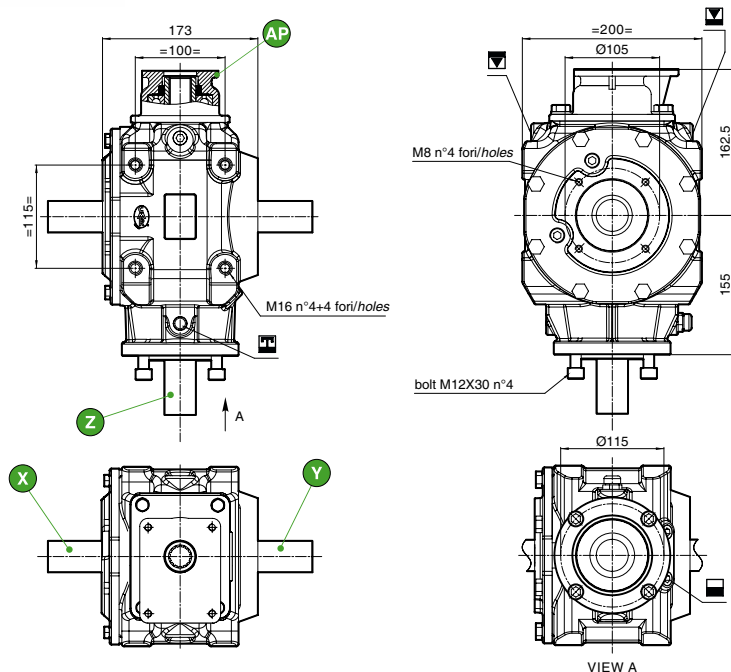
L [mm]	
500	cod.57
615	cod.53
700	cod.54
780	cod.55
810	cod.81
900	cod.57
950	cod.63
1060	cod.65
1200	cod.60
1350	cod.70

T-102CP

cod.12



Dimensioni / Dimensions

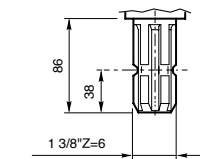


Caratteristiche tecniche / Technical data

i	Input											
	 / 	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts	
1:3		540	1620	22/29.9	390	130	Ghisa GS400 Ductile Cast iron Ghisa G25 Gray Cast iron	Gleason denti elicoidali Gleason Helical Teeth  Gleason denti dritti Gleason Straight Teeth  Con ruota libera With Free Wheel   Con doppia ruota libera With Double Free Wheel  	27	1.5	Vedi pagina seguente See next page	

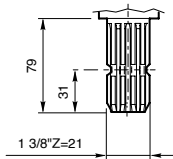
Alberi / Shafts

cod.01



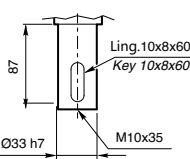
X Y Z

cod.02



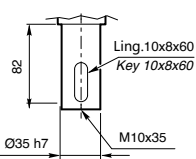
X Y Z

cod.10



X Y Z

cod.11



X Y Z

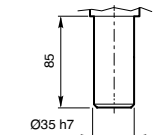
cod.00

Tappo di tenuta
Sealing Cap



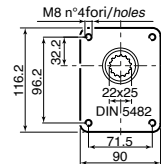
X Y

cod.52



X Y Z

cod.AP

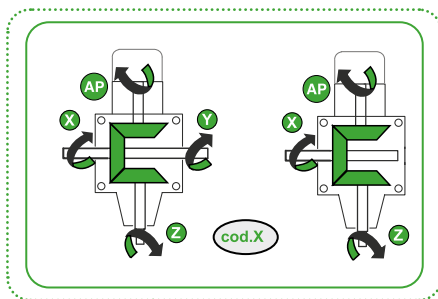


Attacco pompa 1:3
Pump connection -ratio 1:3

X Y Z

T-102CP

Sensi di rotazione alberi / Shaft direction

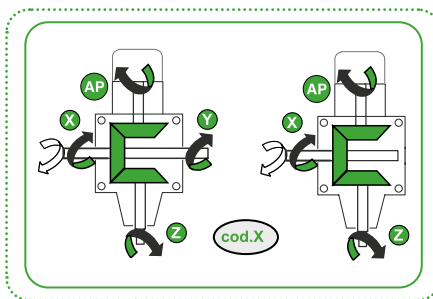


cod.R

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

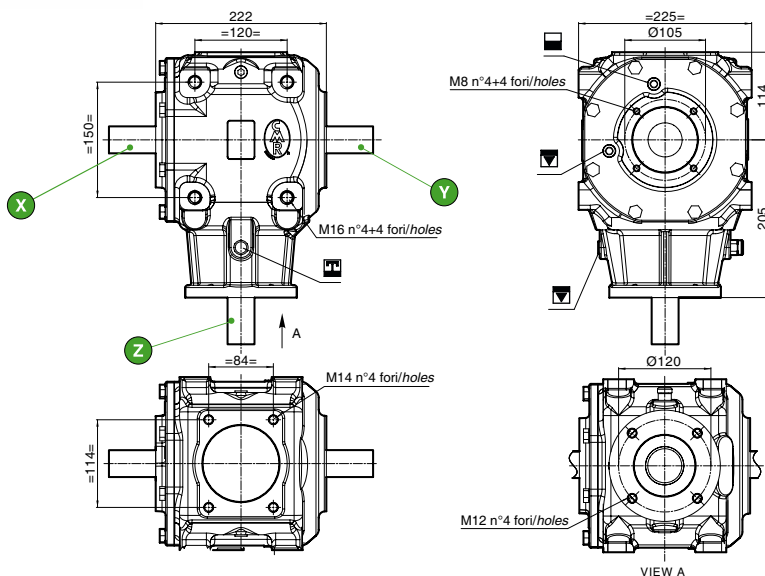
Denti elicoidali con ruota libera
Helical Teeth with Free Wheel

T-90

cod.79



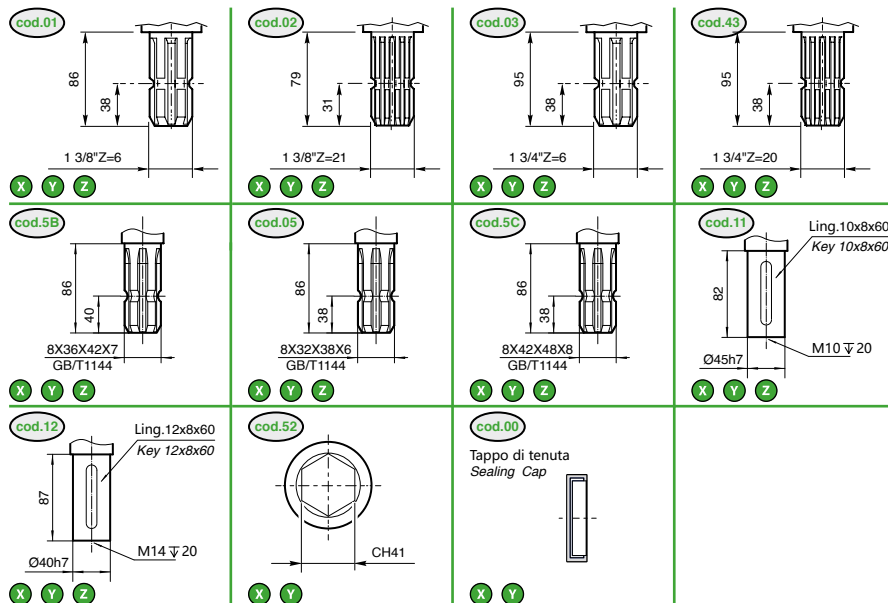
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

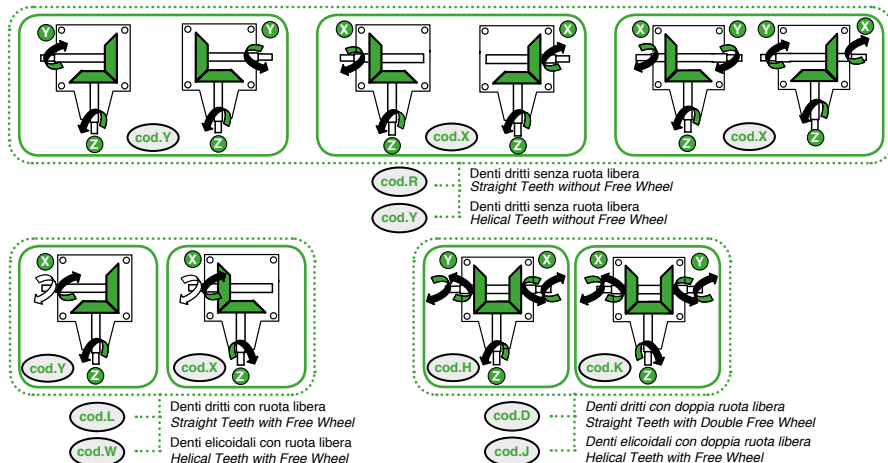
i	Input					Materiale Material	Dentatura Toothing			
	Z	X / Y	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			
3:1	cod.18		540	180	34/45	584	1751	38	2.3	Vedi pagina seguente See next page
2.42:1	cod.20		1000	333	49/67	468	1403			
2.07:1	cod.38		540	223	41.9/57	741	1793			
			1000	413	63/85	599	1450			
1.66:1	cod.11	cod.69	540	260	51.5/70	913	1891			
			1000	484	77.5/105	733	1519			
1.46:1	cod.09	cod.13	540	367	62.5/85	1113	1626			
			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.12	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			
1.3	cod.18		540	1620	57/77.5	984	328			
			1000	3000	85/115.6	812	271			

Alberi / Shafts



T-90

Sensi di rotazione alberi / Shaft direction

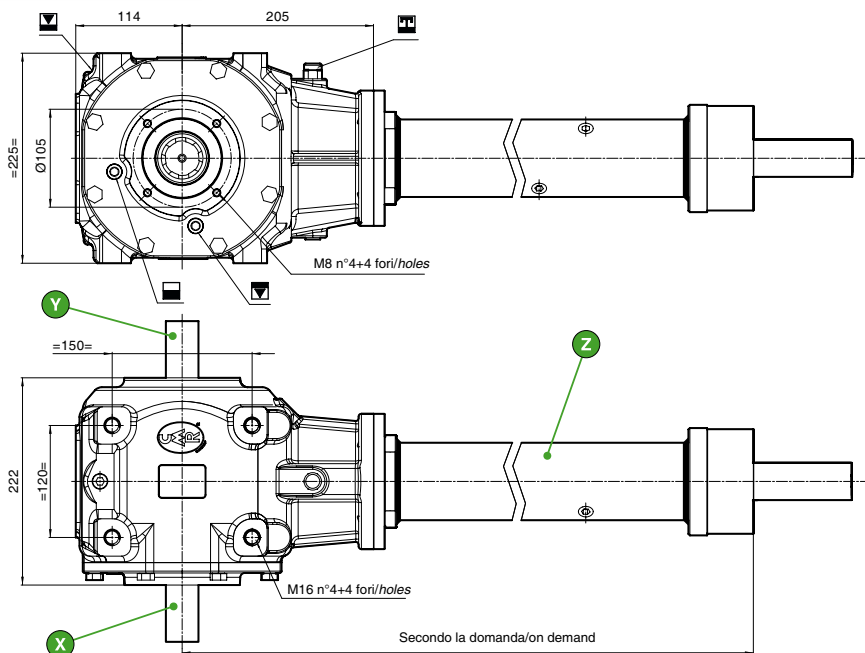


T-90EX

cod.79



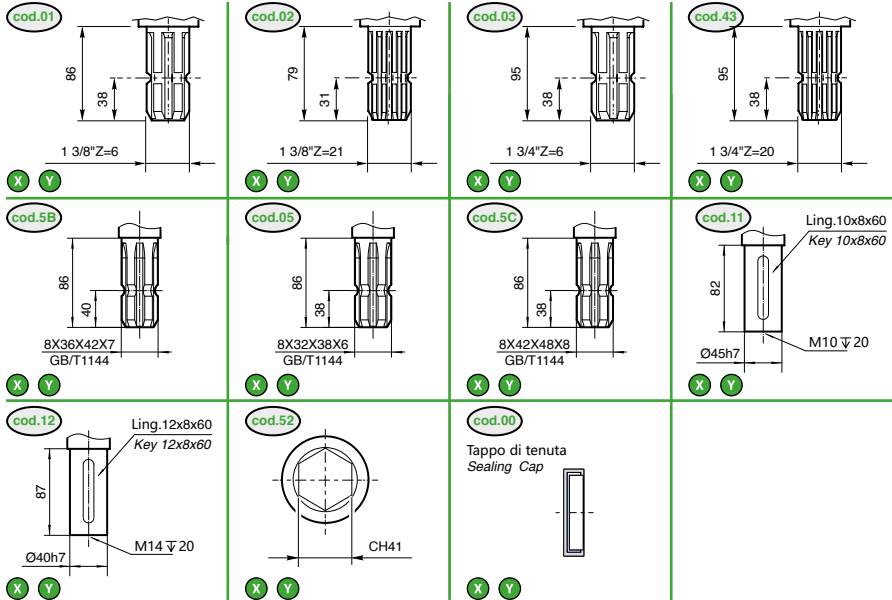
Dimensioni / Dimensions



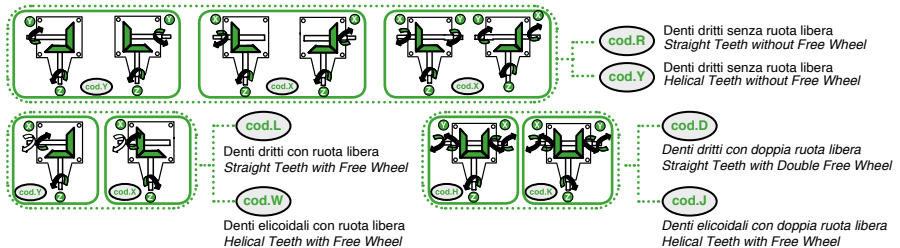
Caratteristiche tecniche / Technical data

i	Input											
		n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)						
1:1		1000	1000	100/136	955	955	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	2.3	Vedi pagina seguente See next page		
1:1.46		540 1000	788 1460	69/93.8 105/142.8	1220 1002	836 686					Gleason denti dritti Gleason Straight Teeth	
1:1.66		540 1000	896 1660	53/72 140/190	937 1331	564 805						
1:2.07		540 1000	1118 2070	62/84.3 95/129.2	1096 910	529 440	Ghisa G25 Gray Cast iron	Con ruota libera With Free Wheel				
1:2.42		540 1000	1306 2420	58/78.9 90/122.4	1026 859	417 355	 					
1:3		540 1000	1620 300	57/77.5 85/115.6	1008 812	328 271	 	Con doppia ruota libera With Double Free Wheel				

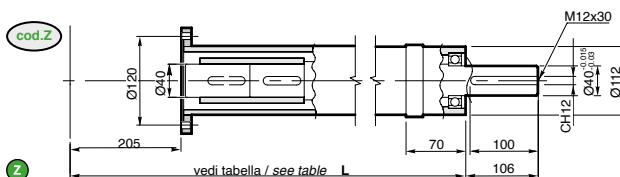
Alberi / Shafts



Sensi di rotazione alberi / Shaft direction



Prolunghe / Extensions



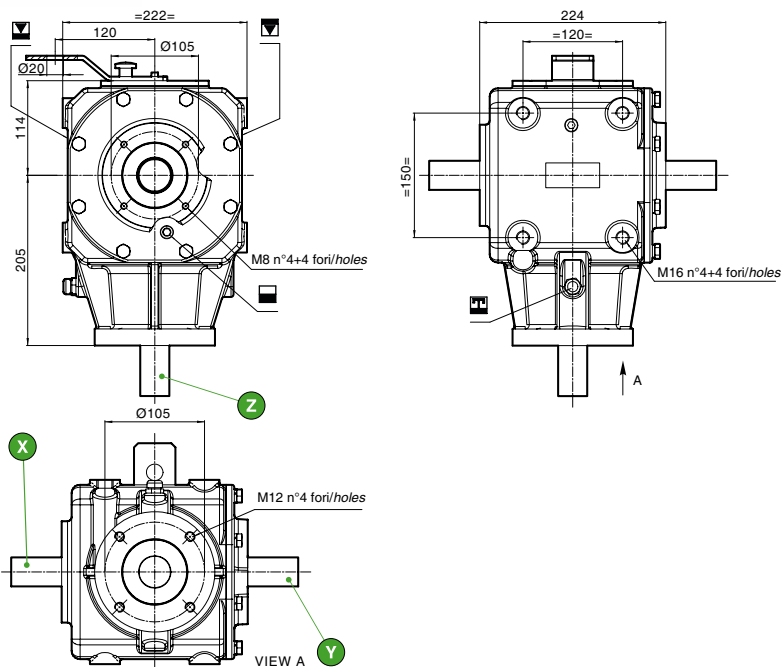
L [mm]		
430	cod.51	990 cod.64
500	cod.67	1116 cod.75
520	cod.61	1240 cod.66
720	cod.54	1400 cod.72
780	cod.55	1560 cod.73

T-90INW

cod.39



Dimensioni / Dimensions

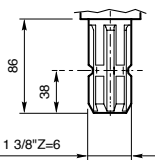


Caratteristiche tecniche / Technical data

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
2.07:1			540	260	51.5(70)	913	1891	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth 	44	2.6	Vedi pagina seguente See next page

Alberi / Shafts

cod.01



X Y Z

cod.00

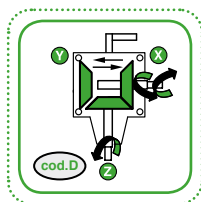
Tappo di tenuta
Sealing Cap



X Y

T-90INW

Sensi di rotazione alberi / Shaft direction



cod.R

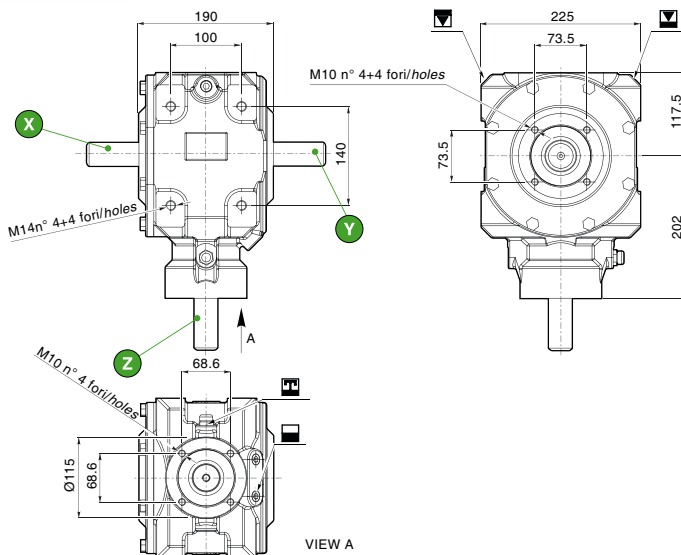
Denti dritti senza ruota libera
Straight Teeth Simple Angle Gear Unit

T-91

cod.42



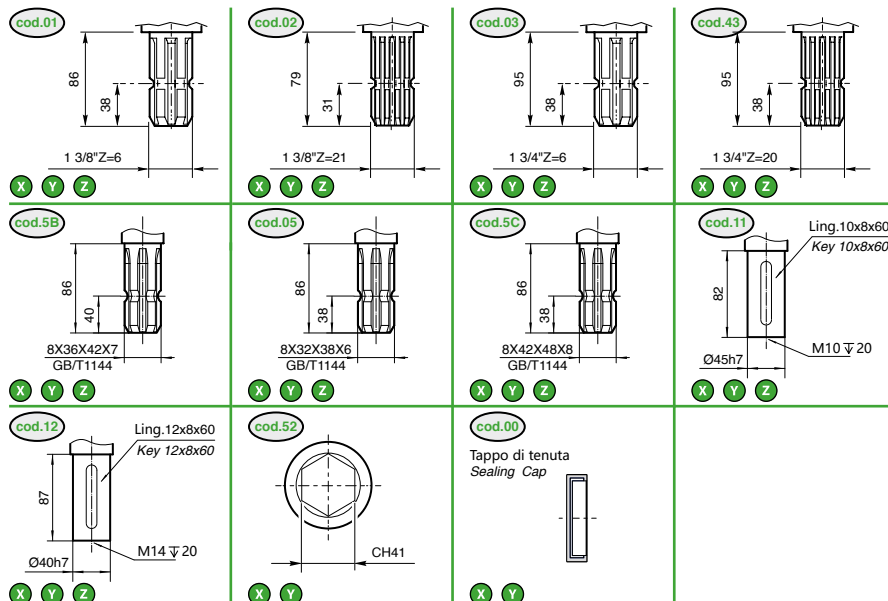
Dimensioni / Dimensions



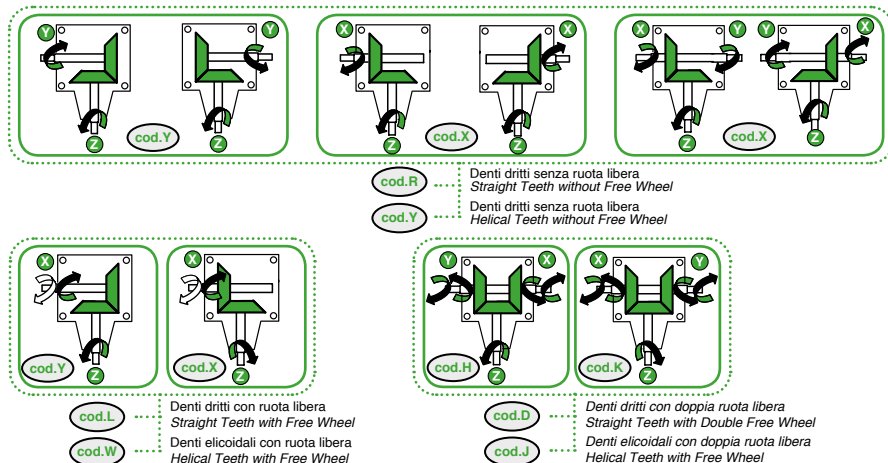
Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Tothing	KG	LT		Alberi Shafts
	Z	X/Y	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.18		540 1000	180 333	34/45 49/67	584 474	1750 1422	Gleason denti elicoidali Gleason Helical Teeth cod.Y	36	1.8		Vedi pagina seguente See next page
2.42:1	cod.20		540 1000	223 413	41.9/57 63/85	741 599	1793 1450					
1.9:1	cod.32		540 1000	284 526	51.5/70 77.5/105	911 740	1731 1407					
1.46:1	cod.09		540 1000	367 680	62.5/85 94/128	1113 904	1626 1320	Ghisa GS400 Ductile Cast iron				
1:1	cod.06	cod.06	540 1000	540 1000	66/89.8 100/136	1167 955	1167 955	Gleason denti dritti Gleason Straight Teeth cod.R				
1:1.46		cod.09	540 1000	788 1470	69/93.8 105/142.8	1220 1002	830 686	Ghisa G25 Gray Cast iron				
1:1.9		cod.32	540 1000	1026 1900	62/84.3 95/129.2	1096 907	577 477	con ruota libera With Free Wheel cod.L cod.W				
1:2.42		cod.20	540 1000	1306 2420	58/78.9 90/122.4	1009 859	417 355	con doppia ruota libera With Double Free Wheel cod.D cod.J				
1:3	cod.18		540 1000	1620 3000	60/82 85/115.6	1061 812	353 271					

Alberi / Shafts



Sensi di rotazione alberi / Shaft direction

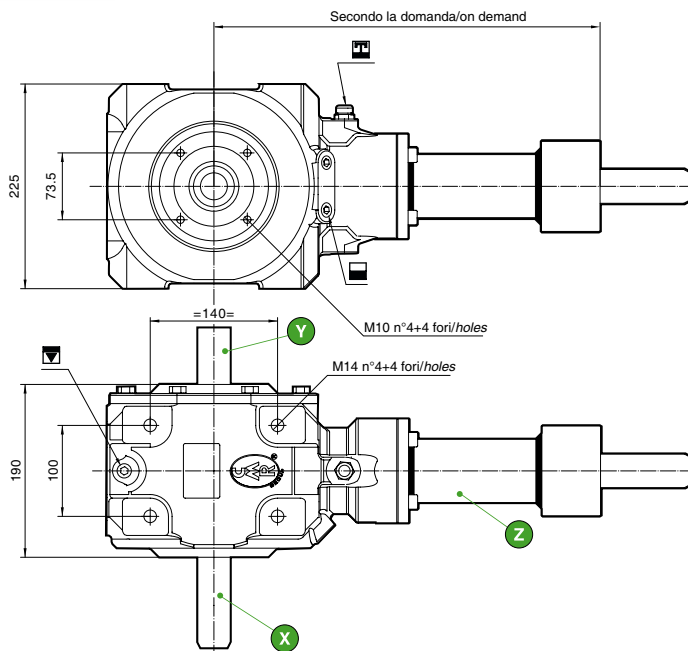


T-91EX

cod.42



Dimensioni / Dimensions

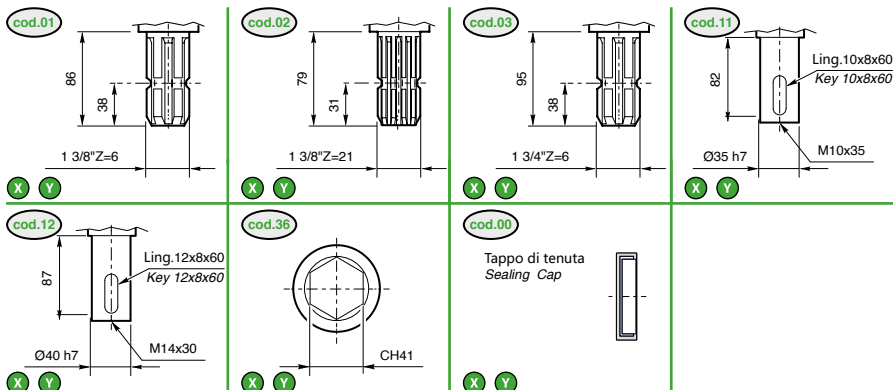


Caratteristiche tecniche / Technical data

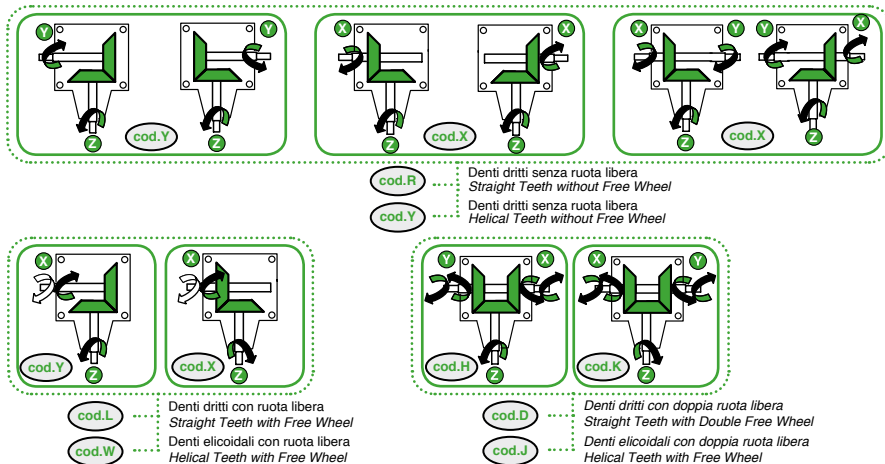
i	Input										
		n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
1:1		1000	1000	100/136	955	955	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth 	2.3		Vedi pagina seguente See next page
1:1.46		540 1000	793 1470	69/93.8 105/142.8	1220 1002	835 686		Gleason denti dritti Gleason Straight Teeth 			
1:2.07		540 1000	1118 2070	95/129.2 62/84.3	1680 592	812 286	Con ruota libera With Free Wheel  				
1:2.42		540 1000	1300 2420	90/122.4 58/78.9	1592 554	658 229	Con doppia ruota libera With Double Free Wheel  				
1:3		1000	3000	85/115.6	812	328 271					

 Vedi pagina
 seguente
 See next page

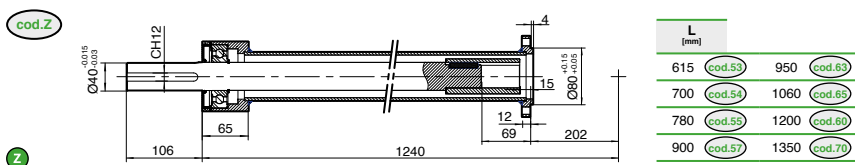
Alberi / Shafts



Sensi di rotazione alberi / Shaft direction



Prolunghe / Extensions

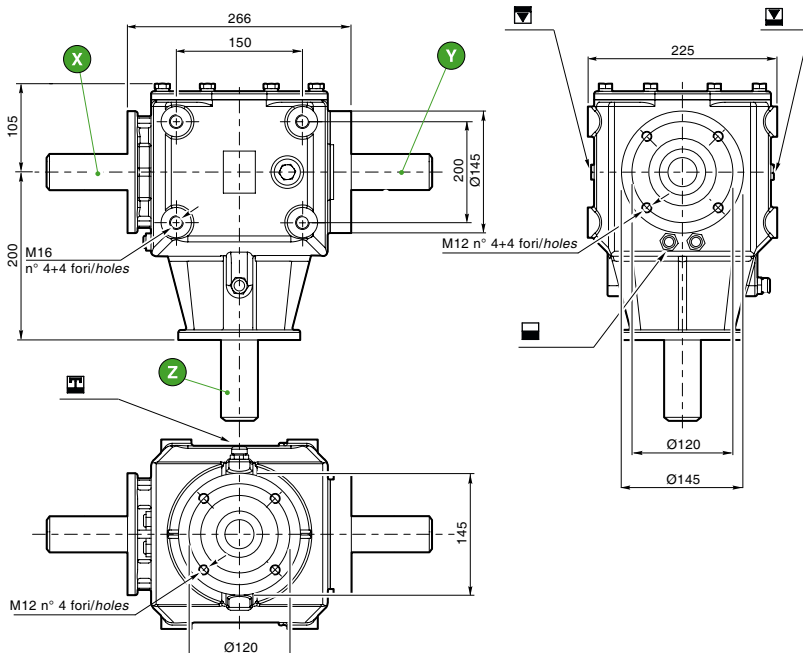


T-92

(cod.31)



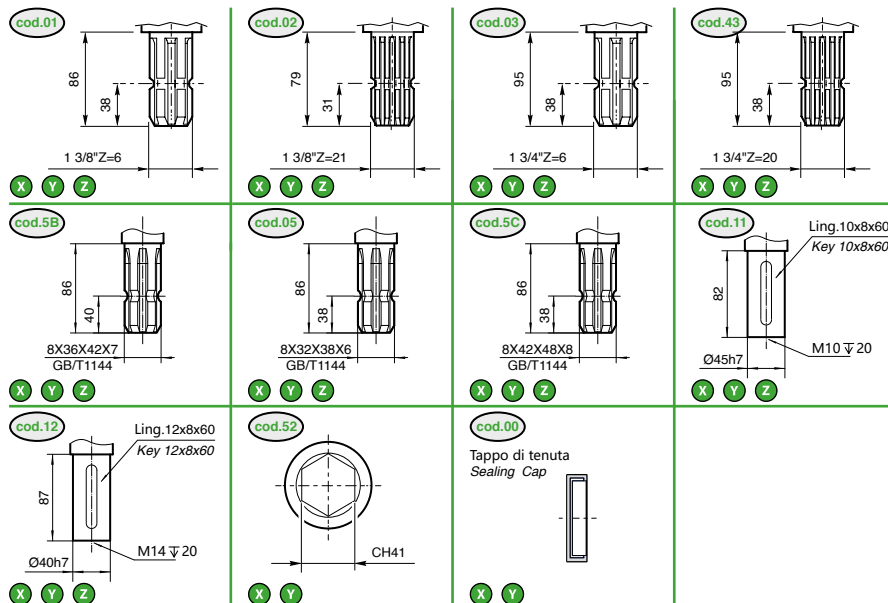
Dimensioni / Dimensions



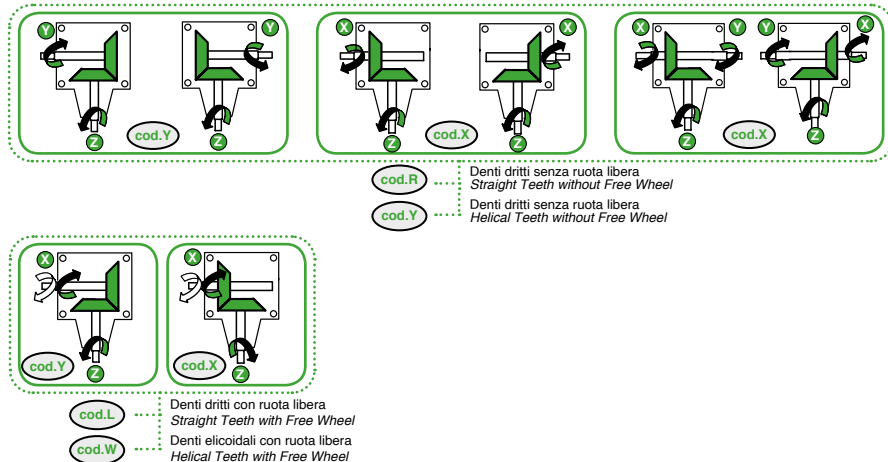
Caratteristiche tecniche / Technical data

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
2.07:1			540 1000	260 484	51.5/70 77.5/105	913 773	1891 1519	Ghisla GS400 Ductile Cast iron	Gleason denti elicoideali Gleason Helical Teeth	44	2.6	Vedi pagina seguente See next page
1.53:1			540 1000	353 654	50/68 80/100	884 764	1353 1169					
1:1			540 1000	540 1000	80/110 150/204	1415 1433	1415 1433		Gleason denti dritti Gleason Straight Teeth			
1:1.53			540 1000	826 1530	100/163 172/234	1769 1643	1156 1074					
1:2.07			540 1000	1188 2070	95/129.2 62/84.3	1681 592	812 286		con ruota libera With Free Wheel  			

Alberi / Shafts



Sensi di rotazione alberi / Shaft direction

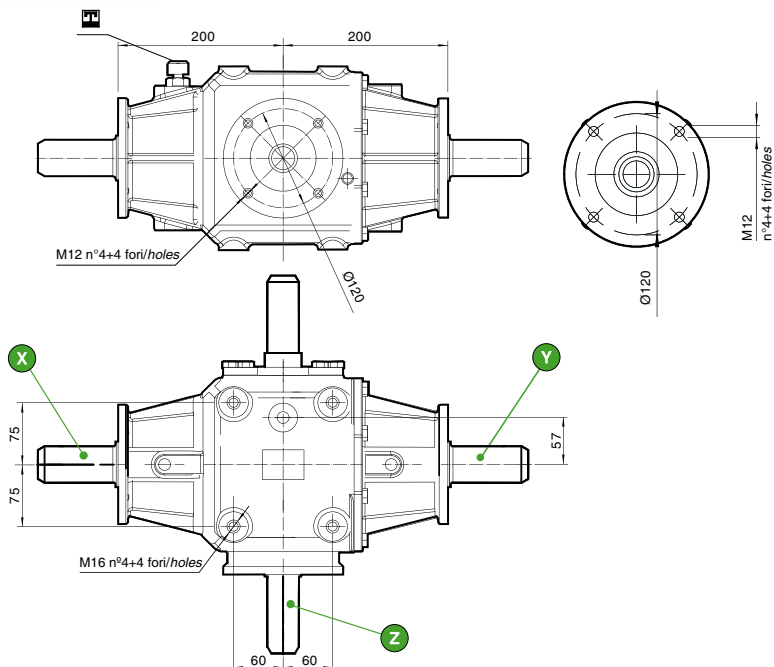


T-92D

cod.D2



Dimensioni / Dimensions

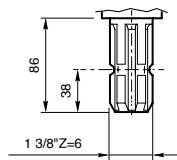


Caratteristiche tecniche / Technical data

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 Tooththing	KG	LT	Alberi Shafts
2.07:1			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			540 1000	353 654	50/68 80/100	884 764	1353 1369					
1.86:1			540	290	62/85	1096	2039					
1:1			540 1000	540 1000	80/100 150/204	1451 1433	1415 1433		Gleason denti dritti Gleason Straight Teeth			
1:1.53			540 1000	826 1530	100/163 172/234	7869 1642	1156 1074					
1:2.07			540 1000	1188 2070	95/129.2 62/84.3	1681 592	812 286					

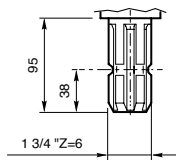
Alberi / Shafts

cod.01



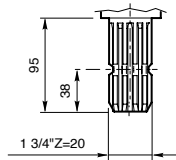
X Y Z

cod.02



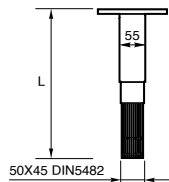
X Y Z

cod.43



X Y Z

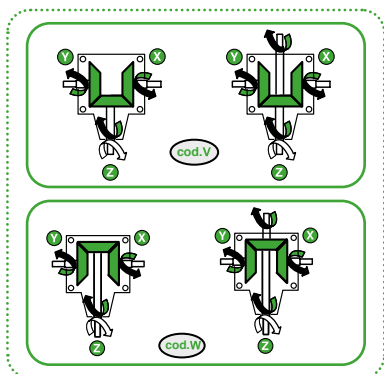
cod.71



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

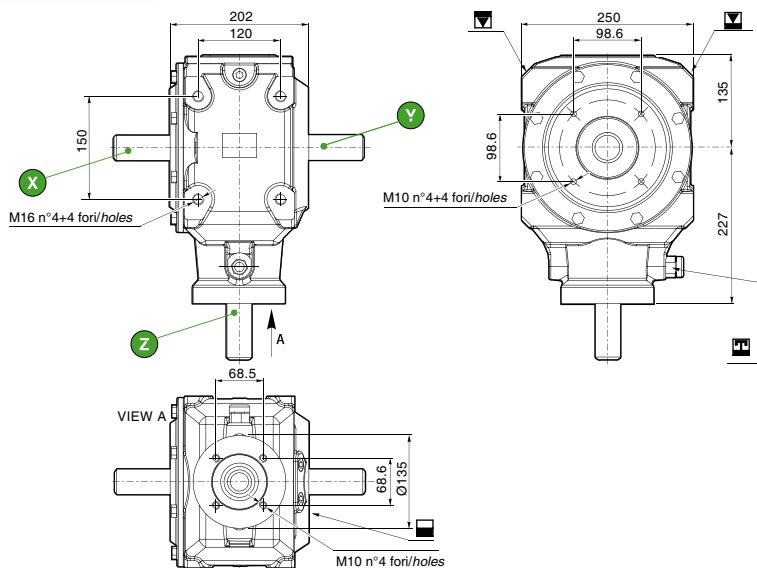
Denti elicoidali con ruota libera
Helical Teeth with Free Wheel

T-150

cod.50



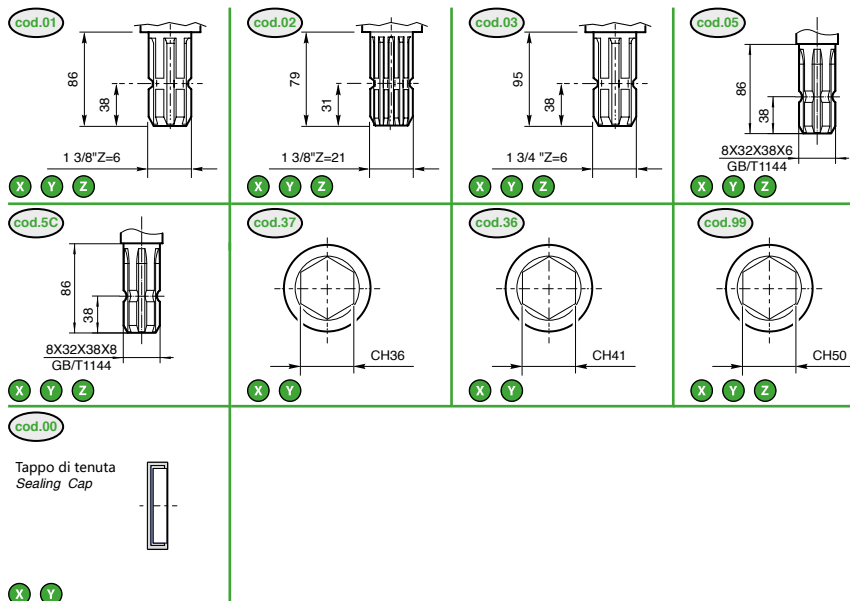
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

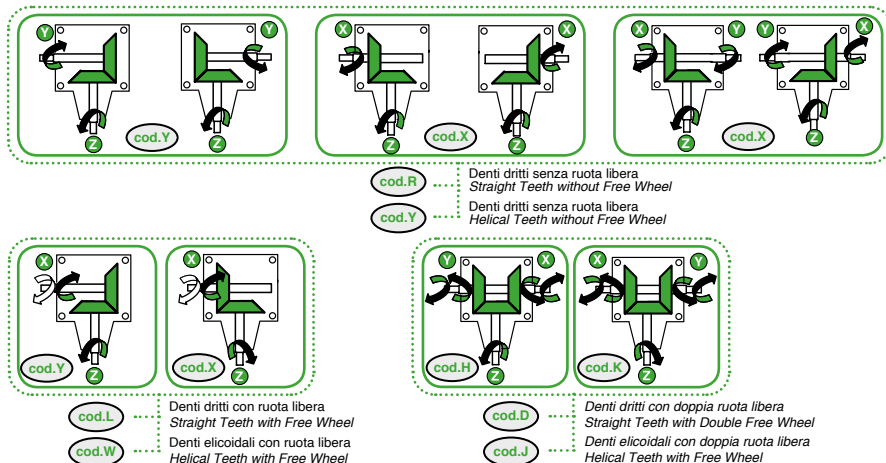
i	Input		n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
	Z	X / Y										
3:1	cod.18		540 1000	174 323	40(55) 62(85)	707 592	2122 1776	Ghisa GS400 Ductile Cast iron	Gleason denti elicoideali Gleason Helical Teeth	35	3.0	Vedi pagina seguente See next page
2.46:1	cod.55		540 1000	220 407	46(63) 70(96)	814 669	2001 1642		cod.Y			
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		cod.L cod.W			
1:3		cod.18	540 1000	1620 3000	88(120) 136(185)	1556 1298	519 433		con doppia ruota libera Double Free Wheel			
									cod.D cod.J			

Alberi / Shafts



T-150

Sensi di rotazione alberi / Shaft direction

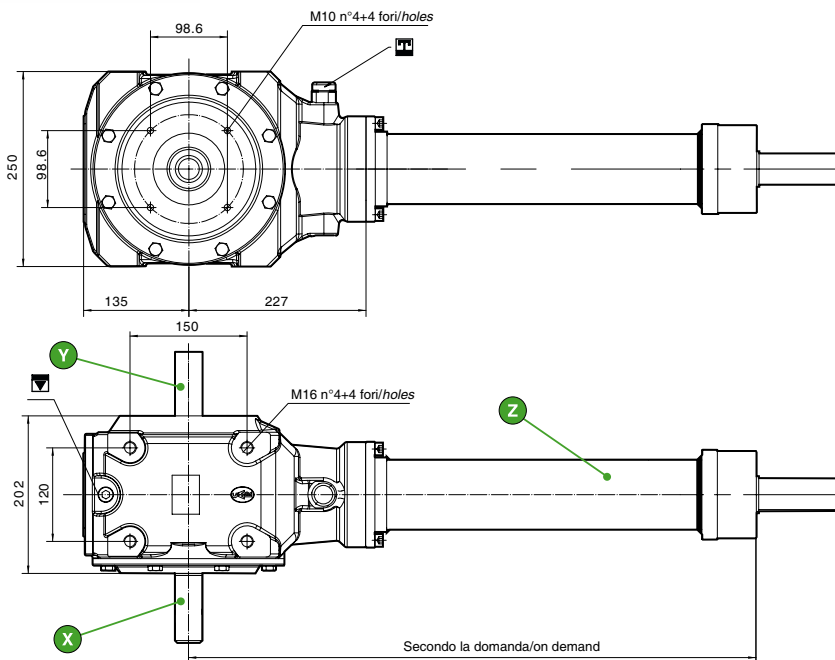


T-150EX

cod.50



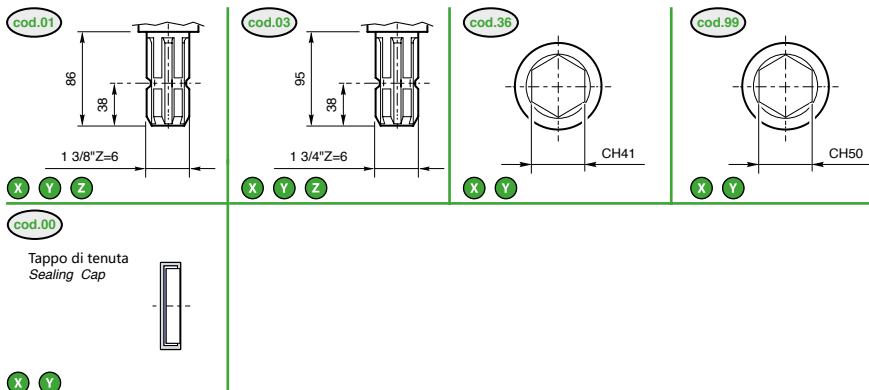
Dimensioni / Dimensions



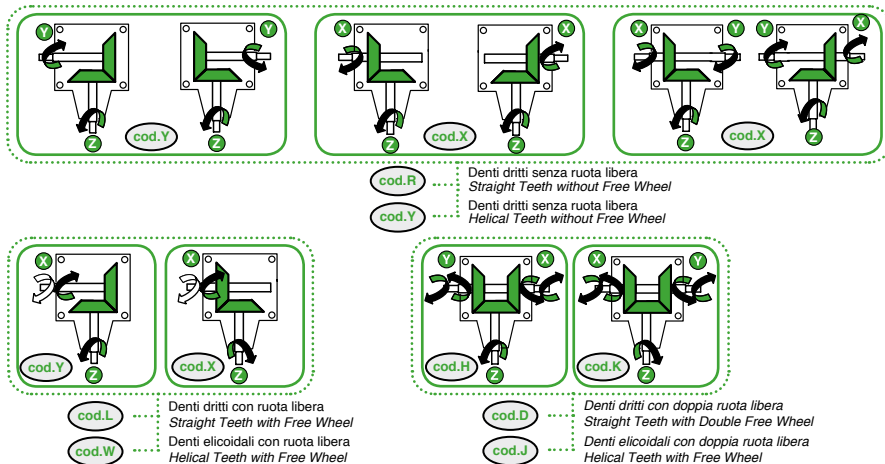
Caratteristiche tecniche / Technical data

i	Input						  				
		n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)		Materiale Material	Dentatura Toothings	KG	LT
1:3		540 1000	1674 3100	88(120) 136(185)	1562 1298	504 419	Ghisa GS400 Ductile Cast iron Ghisa G25 Gray Cast iron	Gleason denti elicoidali Gleason Helical Teeth 	3.0		Vedi pagina seguente See next page
1:2.46		540 1000	1328 2460	88(120) 136(185)	1562 1298	635 528		Gleason denti dritti Gleason Straight Teeth 			
1:1.93		540 1000	1042 1930	107(145) 162(220)	1887 1545	978 801		Con ruota libera With Free Wheel   Con doppia ruota libera With Double Free Wheel  			

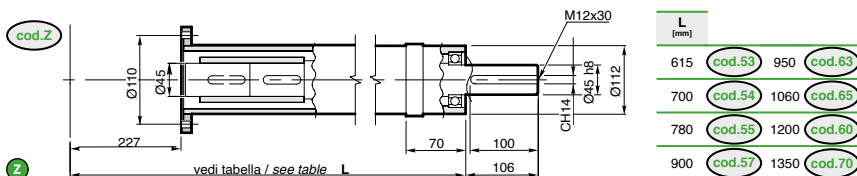
Alberi / Shafts



Sensi di rotazione alberi / Shaft direction



Prolunghe / Extensions

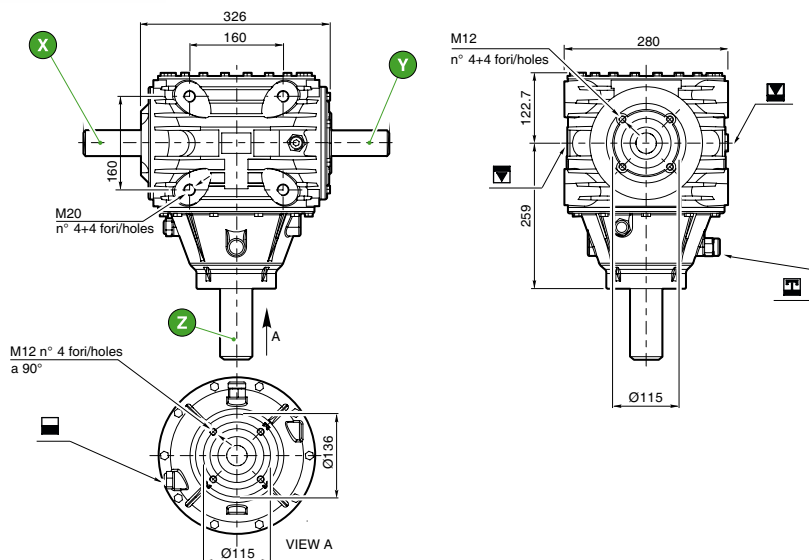


T-152

cod.52



Dimensioni / Dimensions



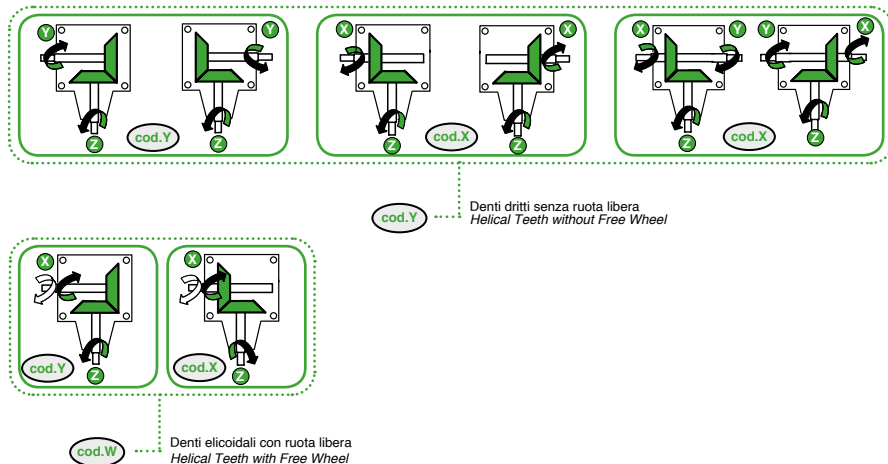
Caratteristiche tecniche / Technical data

i	Input		n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T _i N.m(input)	T _e N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
	Z	X / Y										
2.55:1	cod.15		1000 760	393 298	111/150 85/115	1060 1071	2705 2732	Ghisa GS400 Ductile Cast iron	Gleason denti ellicoidali 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 1000	284 526	80/68 110/100	1415 1051	2688 1996					
1.57:1	cod.94	cod.89	540 1000	344 637	95/110 130/204	1680 1242	2638 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	540 760	1042 1466	150/204 175/238	2653 2199	1374 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

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

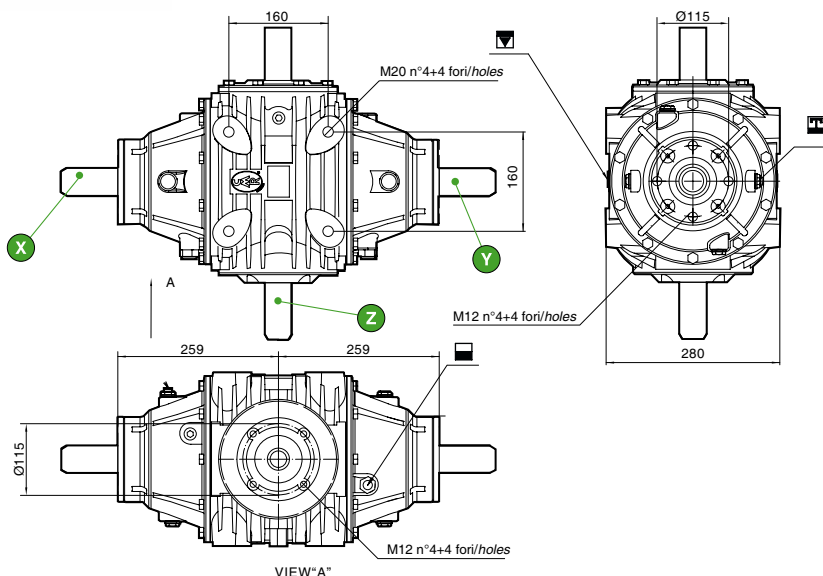
Sensi di rotazione alberi / Shaft direction



T-152D cod.D5



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

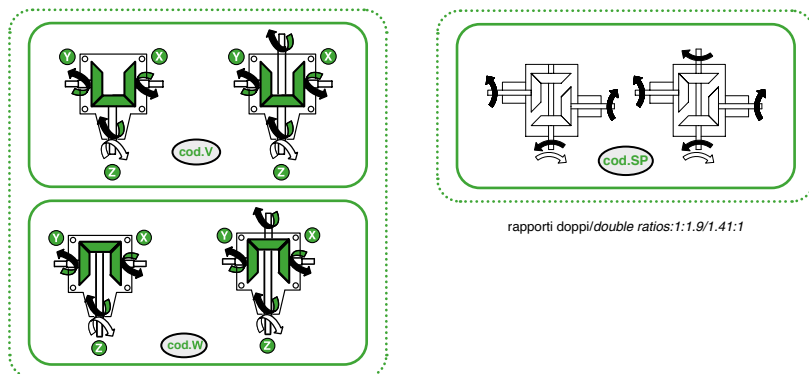
i	Input					Materiale Material	Dentatura Toothing				Alberi Shafts
	Z	X / Y	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)				
2.55:1	cod.15		1000 760	393 298	111/150 85/115	1060 1071	2705 2732				
2.2:1	cod.54	cod.71	540	246	61/82	1079	2373				
1.93:1	cod.32	cod.26	540 1000	284 526	80/68 110/100	1415 1051	2688 1996				
1.57:1	cod.94	cod.89	540 1000	344 637	95/129 130/177	1680 1242	2638 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	1026	150/204	2653	1396				
1:2.2	cod.71	cod.54	540	1188	229/408	4050	1840				
1:2.55		cod.15	540	1374	162/220	2856	1120				
Ghisa GS400 Ductile Cast iron											
Gleason denti ellicoidali Gleason Helical Teeth											
con ruota libera With Free Wheel											
cod.Y cod.L cod.W											
								66	4		
Vedi pagina seguente See next page											

Alberi / Shafts

cod.01 86 38 1 3/8"Z=6 X Y Z	cod.02 79 31 1 3/8"Z=21 X Y Z	cod.03 95 38 1 3/4"Z=6 X Y Z	cod.43 95 38 1 3/4"Z=20 X Y Z
cod.5C 86 38 8X42X48X8 GB/T1144 X Y Z	cod.05 86 38 8X32X38X6 GB/T1144 X Y Z	cod.13 86 45 20 Ling.14x8x60 Key 14x8x60 M14 Ψ 20 Ø45 h7 X Y Z	

T-152D

Sensi di rotazione alberi / Shaft direction



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

cod.W

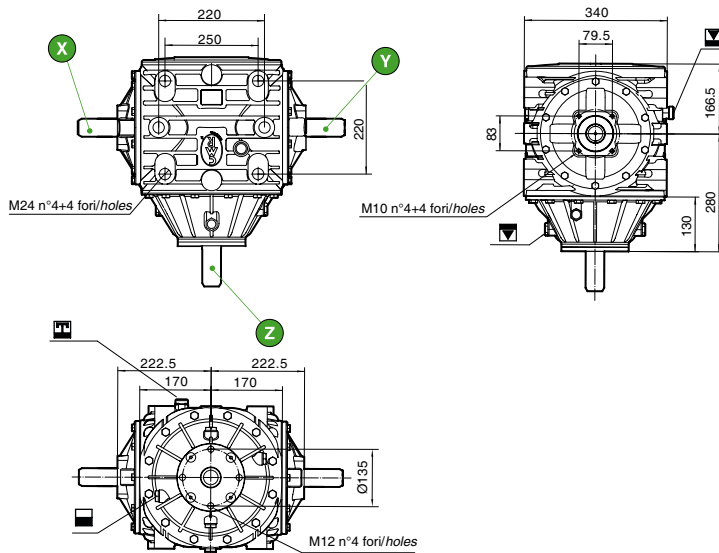
Denti elicoidali con ruota libera
Helical Teeth with Free Wheel

T-162

cod.65



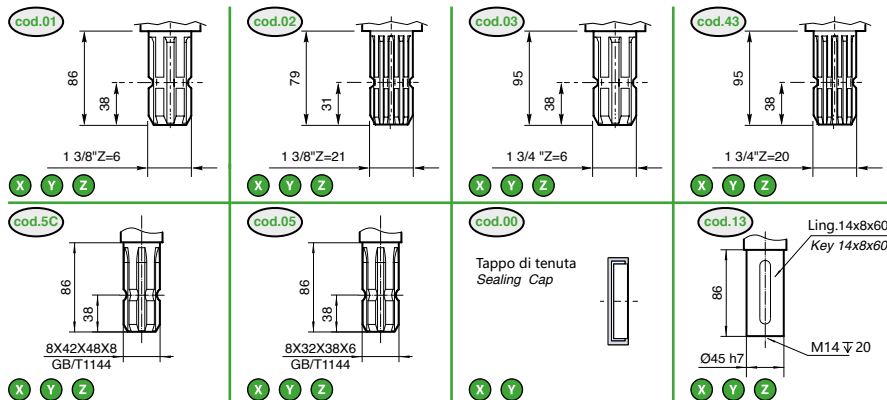
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

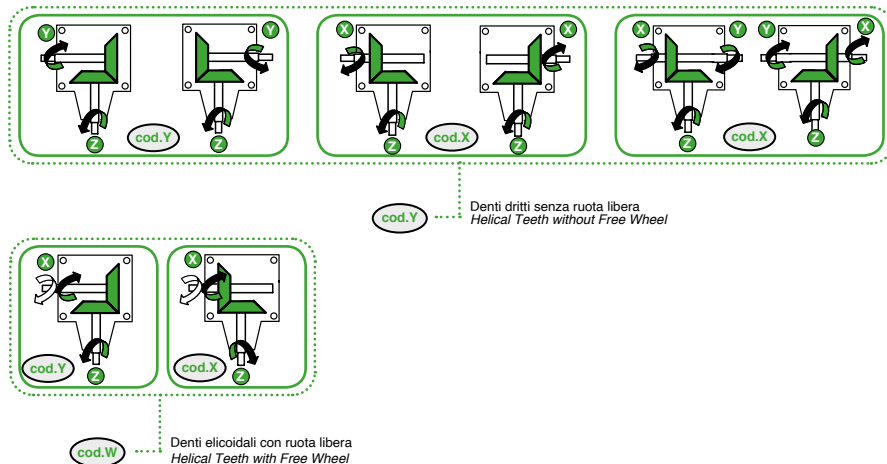
i	Input					Materiale Material	Dentatura Toothings				Alberi Shafts
	Z	X / Y	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)				
2.2:1	cod.54	cod.71	540 1000	244 452	105(141) 188(252)	1856 1795	4085 3950	Ghisa GS400 Ductile Cast iron	102	4.2	Vedi pagina seguente See next page
1.93:1	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	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



T-162

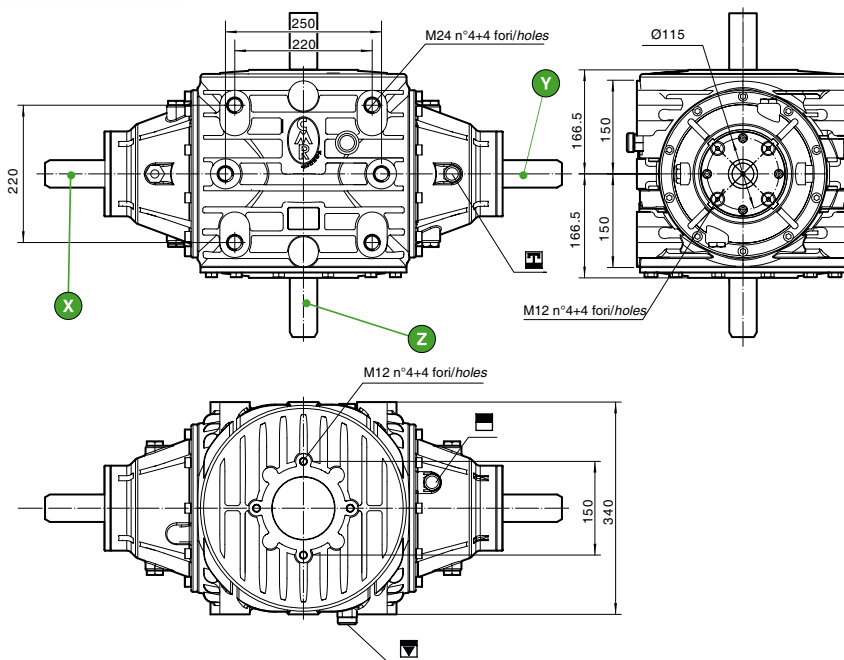
Sensi di rotazione alberi / Shaft direction



T-162D cod.D7



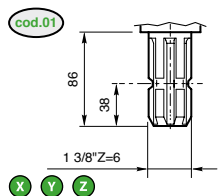
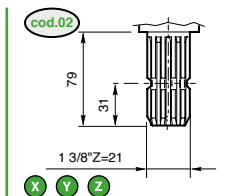
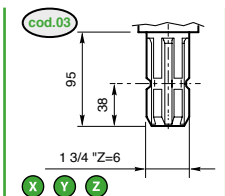
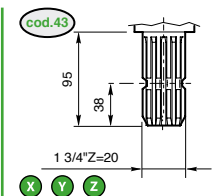
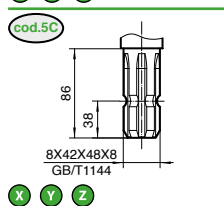
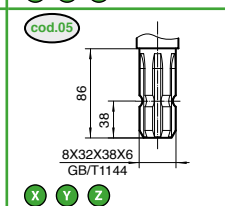
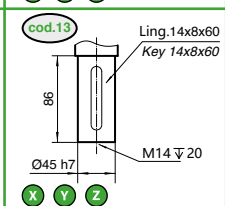
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

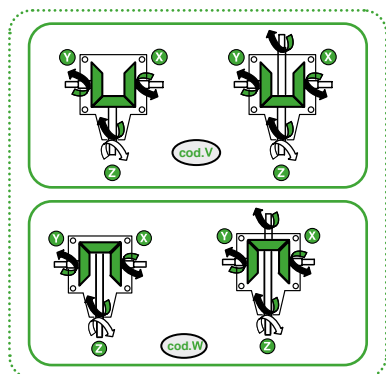
i	Input					Material	Dentatura Toothings	KG	LT		Alberi Shafts
	Z	X / Y	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)				
1:1.93	cod.28	cod.32	540 1000	1047 1940	316(430) 559(760)	5589 5338	2881 2752	Ghisa GS400 Ductile Cast iron	135	6.2	Vedi pagina seguente See next page
1:1.57	cod.89	cod.94	540 1000	837 1550	334(454) 587(798)	5907 5606	3811 3617				
1:2.2	cod.71	cod.54	540 1000	1188 2200	532(748) 229(408)	9409 2187	4277 994				
1:1	cod.06	cod.06	1000 1000	1000 1000	277(376)	2645	2645				

Alberi / Shafts

cod.01  86 38 1 3/8"Z=6 X Y Z	cod.02  79 31 1 3/8"Z=21 X Y Z	cod.03  95 38 1 3/4"Z=6 X Y Z	cod.43  95 38 1 3/4"Z=20 X Y Z
cod.5C  86 38 8X42X48X8 GB/T1144 X Y Z	cod.05  86 38 8X32X38X6 GB/T1144 X Y Z	cod.13  86 38 8X32X38X6 GB/T1144 X Y Z	cod.13  86 38 8X32X38X6 GB/T1144 X Y Z

T-162D

Sensi di rotazione alberi / Shaft direction



cod.W

Denti elicoidali con ruota libera
Helical Teeth with Free Wheel

SERIE LF&MF

LF36		102
LF40		104
LF70		106
LF80		108
MF70		110
MF130		112

Codifica/Code

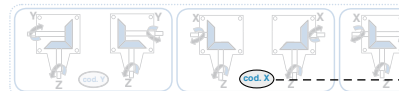
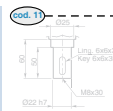
Settore Area	Tipo	Scatola Box	i	Alberi Shafts	lunghezza Length	Alberi Shafts	Posizione corona Ring Gear Position
				Z	L	Y	
S	R	F3	13	01	040	0	Y
S	cod.R ↑ R Denti dritti senza ruota libera Straight Teeth without Free Wheel Y Denti elicoidali senza ruota libera Helical Teeth without Free Wheel	cod.F3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

cod. 34



技术参数 / TLFhnical data

	Input								
		輸入速度 Input Speed	速度設定 Speed Setting	平均速度 Average Speed	速度設定 Speed Setting	AVR AVR	速度 Speed	AVR AVR	速度 Speed
1.71	cod. 00					速度 G25	速度表示中の Clearance 		見下頁 SEE NEXT PAGE

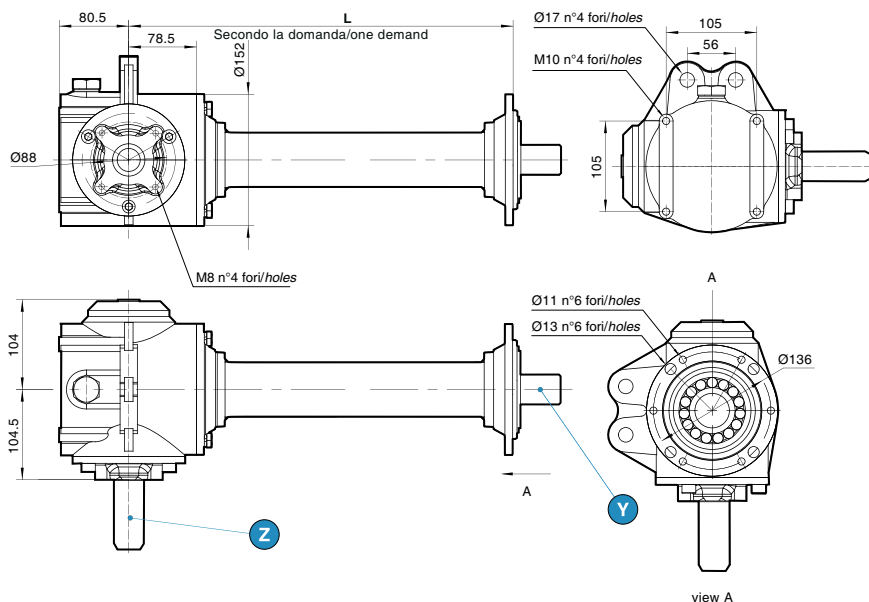


cod. R Rinvio semplice
..... Simple Angle Gear Unit

LF36 cod.F3



Dimensioni / Dimensions

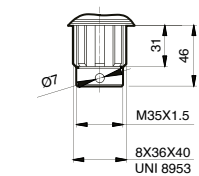


Caratteristiche tecniche / Technical data

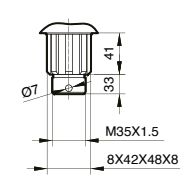
i	Input										
	2	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Tooththing	KG	LT	Alberi Shafts
1.46:1	cod.13	540	370	27/36	477	696	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Gear cod.R			Vedi pagina seguente See next page

Alberi / Shafts

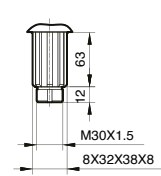
cod.0



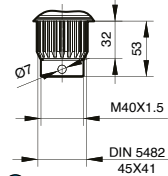
cod.1



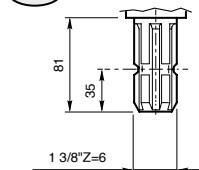
cod.5



cod.7

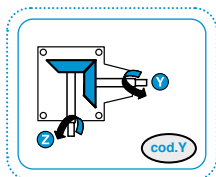


cod.01



LF36

Sensi di rotazione alberi / Shaft direction



cod.Y

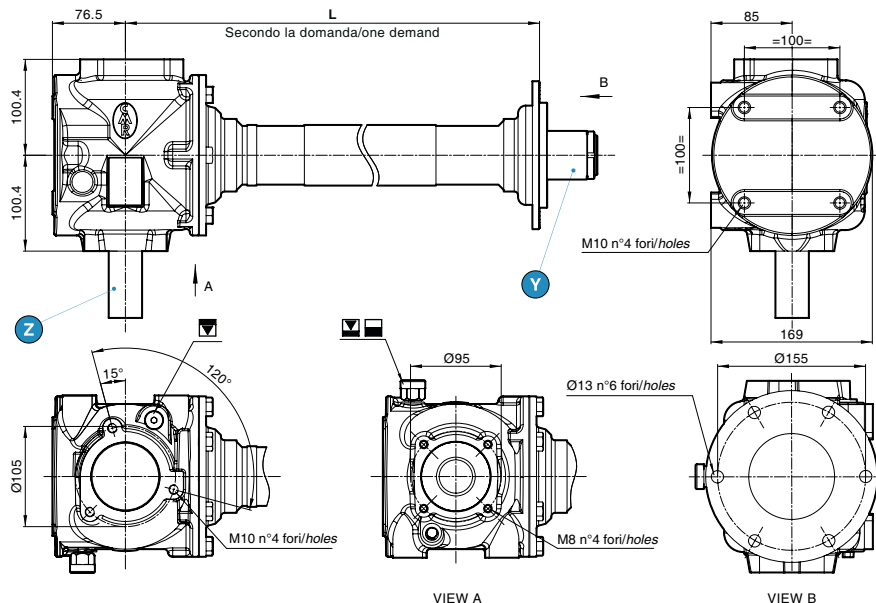
Denti elicoidali senza ruota libera
Helical Teeth without Free Wheel

LF40

cod.F2



Dimensioni / Dimensions

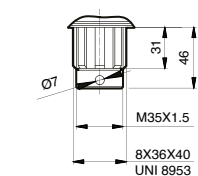


Caratteristiche tecniche / Technical data

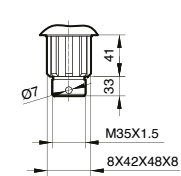
i	Input										
	 Z	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Tooththing	KG	LT	Alberi Shafts
1.46:1	 	540	370	29.4/40	520	759	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Gear 			Vedi pagina seguente See next page

Alberi / Shafts

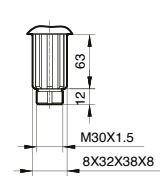
cod.0



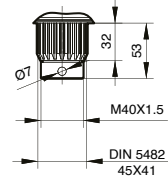
cod.1



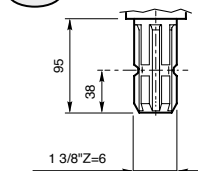
cod.5



cod.7

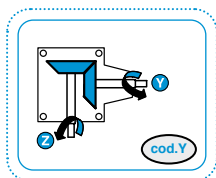


cod.01



LF40

Sensi di rotazione alberi / Shaft direction



cod.Y

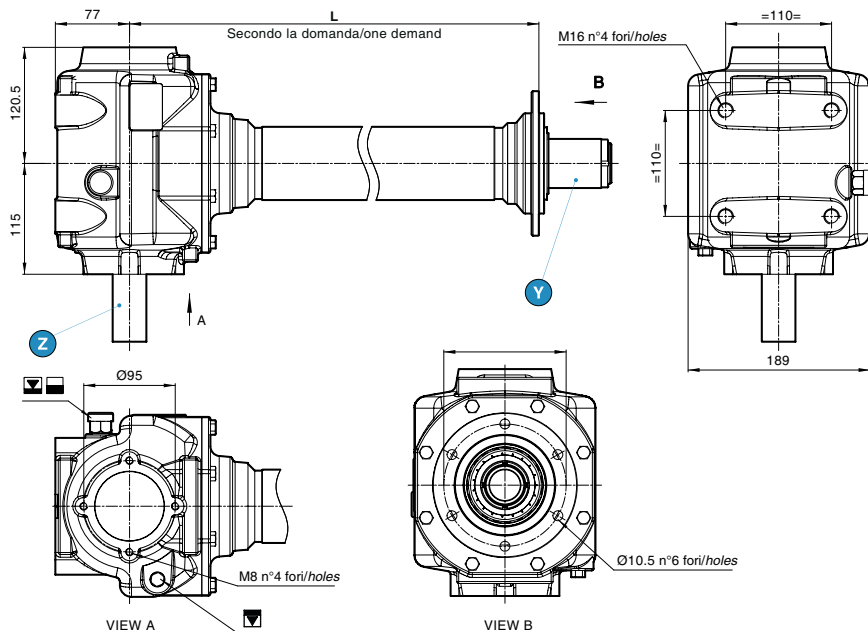
Denti elicoidali senza ruota libera
Helical Teeth without Free Wheel

LF70

cod.07



Dimensioni / Dimensions

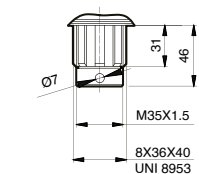


Caratteristiche tecniche / Technical data

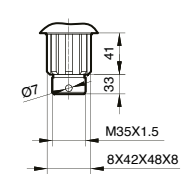
i	Input										
	2	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
1.71:1	cod.61	540	316	47.8/65	845	1446	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Gear cod.R			Vedi pagina seguente See next page

Alberi / Shafts

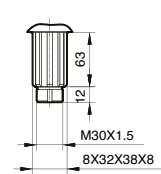
cod.0



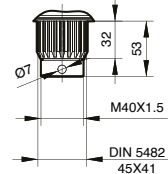
cod.1



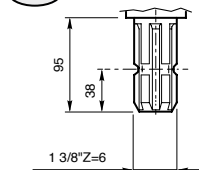
cod.5



cod.7

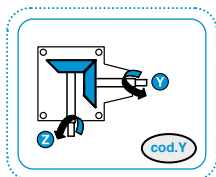


cod.01



LF70

Sensi di rotazione alberi / Shaft direction



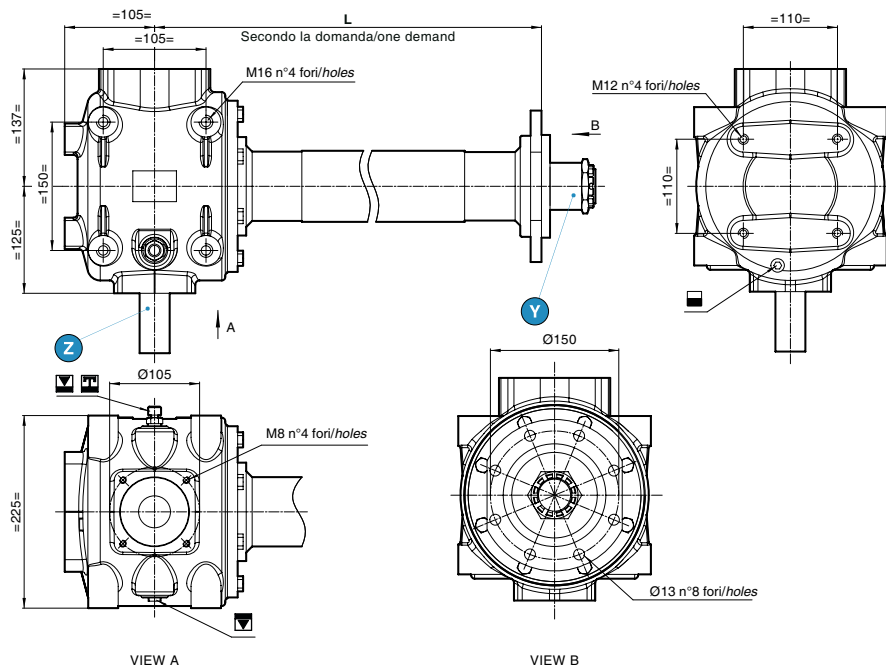
cod.Y

Denti elicoidali senza ruota libera
Helical Teeth without Free Wheel

LF80 cod.08



Dimensioni / Dimensions

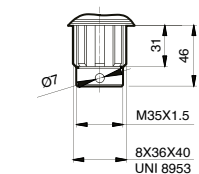


Caratteristiche tecniche / Technical data

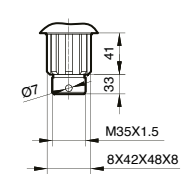
i	Input								
	Z	n_1 rpm input	n_2 rpm output	P_i Kw(HP)	T_i N.m(input)	T_o N.m(output)	Materiale Material	Dentatura Toothings	Alberi Shafts
1.83:1	cod.61	540	295	67/90	1185	2169	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Gear cod.R	Vedi pagina seguente See next page

Alberi / Shafts

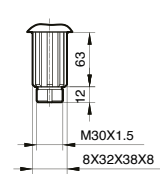
cod.0



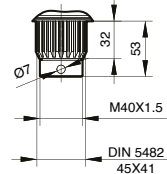
cod.1



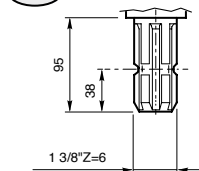
cod.5



cod.7

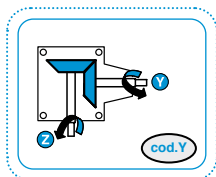


cod.01



LF80

Sensi di rotazione alberi / Shaft direction



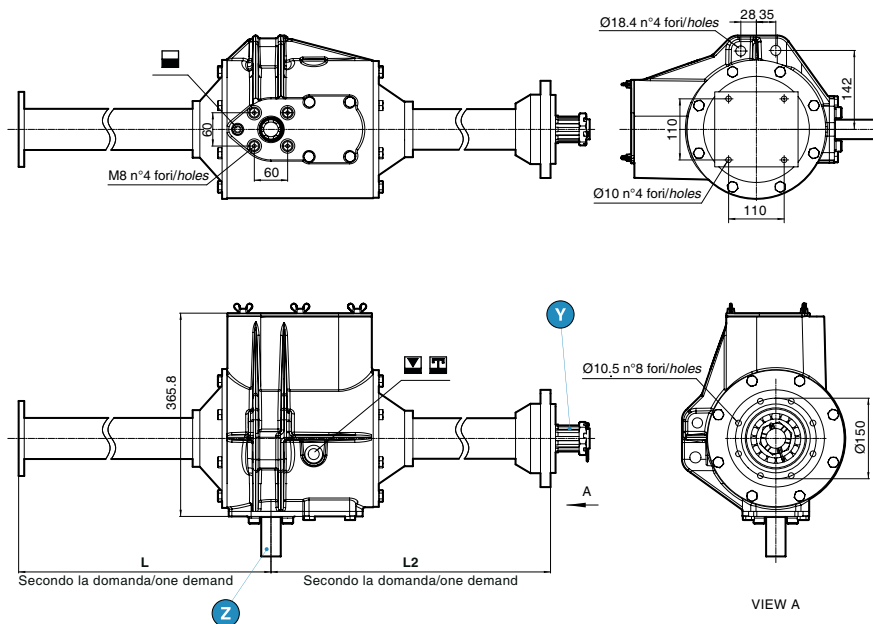
cod.Y

Denti elicoidali senza ruota libera
Helical Teeth without Free Wheel

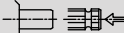
MF70 cod.87



Dimensioni / Dimensions

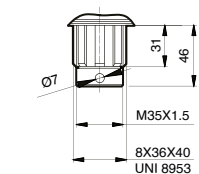


Caratteristiche tecniche / Technical data

i	Input				Materiale Material	Dentatura Toothings	 KG	 LT	 Alberi Shafts
	Z	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T _i N.m(input)	T ₂ N.m(output)			
1.62:1			333			1477			
1.87:1	cod.46	540	289	51.1/70	904	1702	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Gear	Vedi pagina seguente See next page
2.29:1			236			2084			
2.64:1			205			2399			

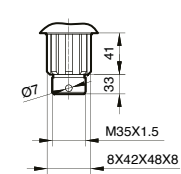
Alberi / Shafts

cod.0



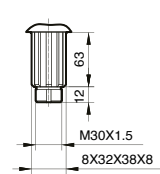
Y

cod.1



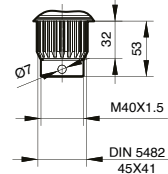
Y

cod.5



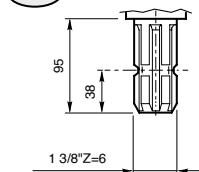
Y

cod.7



Y

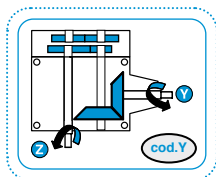
cod.01



Z

MF70

Sensi di rotazione alberi / Shaft direction



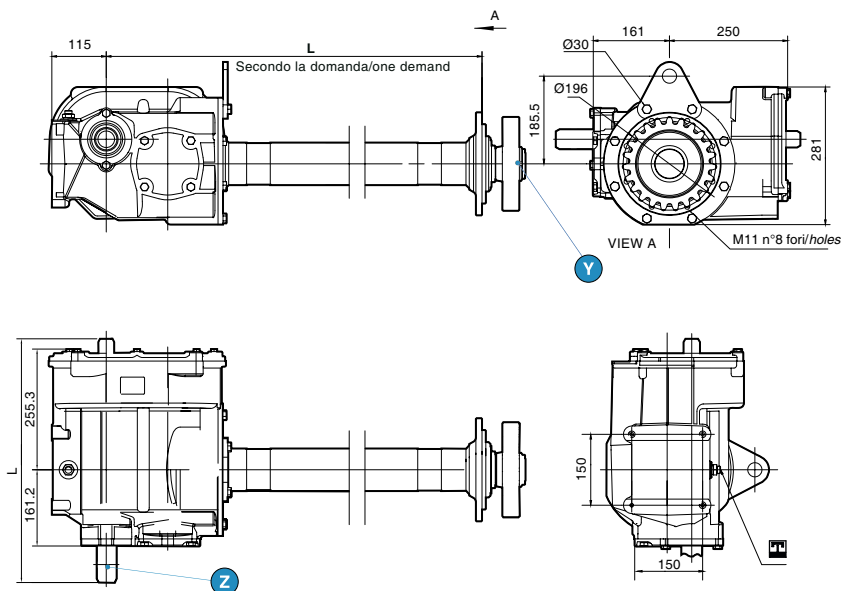
cod.Y

Denti elicoidali senza ruota libera
Helical Teeth without Free Wheel

MF130 cod.88



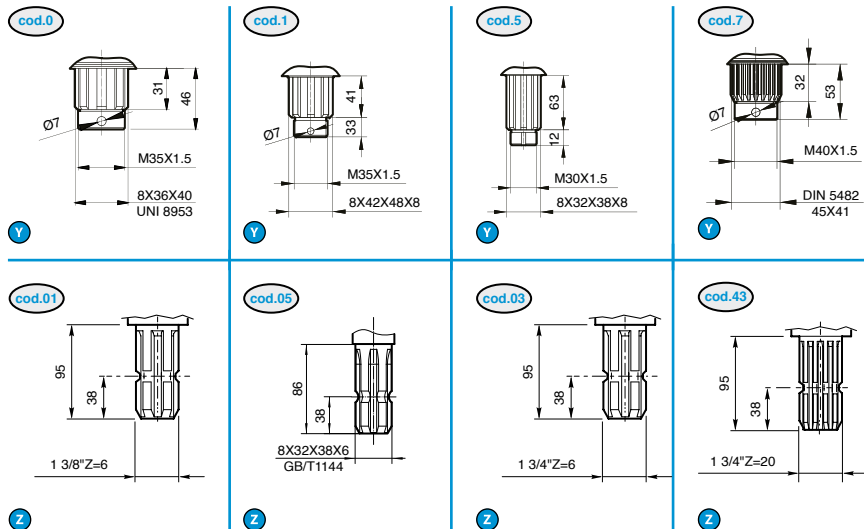
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

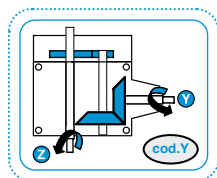
i	Input										
	Z	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T _i N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
1.87:1	cod.88	540	289	97(132)	1711	3208	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Gear			Vedi pagina seguente See next page
2.29:1		540	236					cod.R			

Alberi / Shafts



MF130

Sensi di rotazione alberi / Shaft direction



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

SERIE EM/EC

EM100		116
EM130		118
EC100		120
EC110		122
EC130		124
EC220		126
EC220C		128
EC300		130
EC300C		132

Codifica/Code							
Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
S	Y	E5	84	01	29	06	2
S	Y	(cod.E5)	(cod.84)	(cod.01)	(cod.29)	(cod.06)	(cod.2)
		↑ EC100 ..	↑ 1.75:1 ..	↑ 	↑ 	↑ 	↑ 0 Montaggio destro o serie EM Right mounting or EM series 1 Montaggio sinistro Left mounting 2 Montaggio centrale Central mounting
		vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page				vedi pagine dedicate see dedicated page



Dimensioni Dimensions



Preparation
Land prepar

Caratteristiche tecniche Technical data

i	n ₁	n ₂	P ₁	T _{1m}	T _{1max}	Materie Material
3.25:1	(rpm)	(rpm)	(kW)	(Nm)	(Nm)	
(cod.84)						

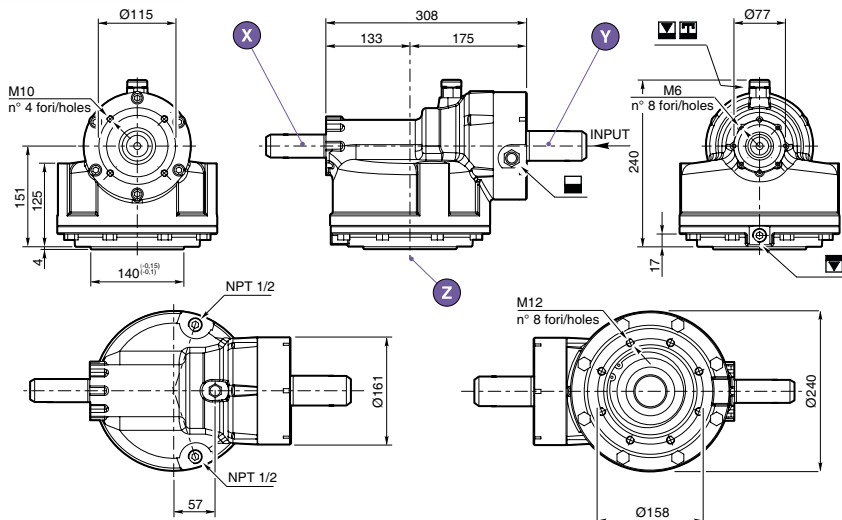


Preparazione della terra - Land preparation
Preparazione della terra - Land preparation

EM100 cod.E1



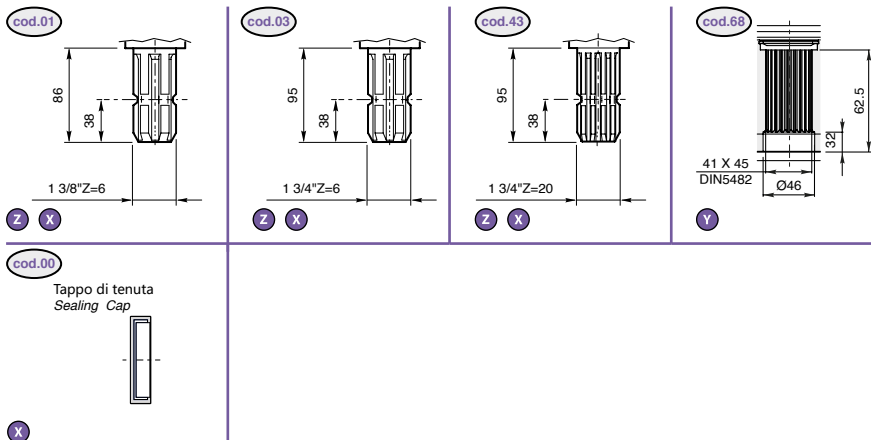
Dimensioni / Dimensions



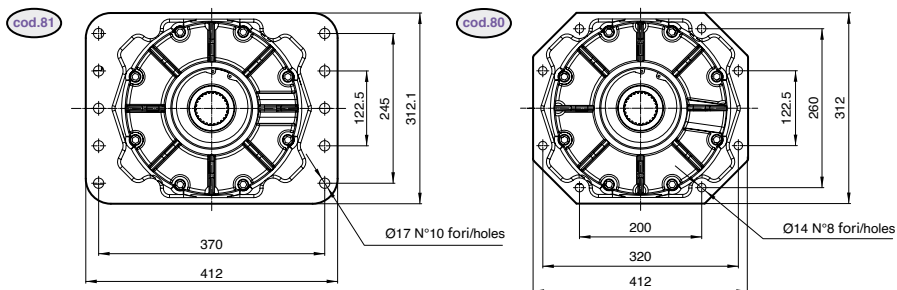
Caratteristiche tecniche / Technical data

i	Input										
		n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T _i N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
1.75:1		540	309	60/82	1057	1850	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	40	2.6	Vedi pagina seguente See next page
2.07:1		540 1000	261 483	60/90 148/201	1150 1413	2379 2926		Cilindrica denti dritti Cylindrical Straight Teeth			
2.60:1		1000	385	75/102	711	1850					

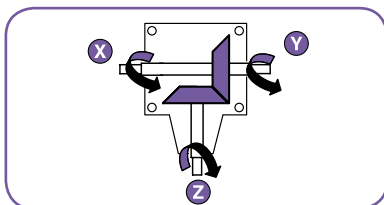
Alberi / Shafts



Flangia / Flange



Sensi di rotazione alberi / Shaft direction

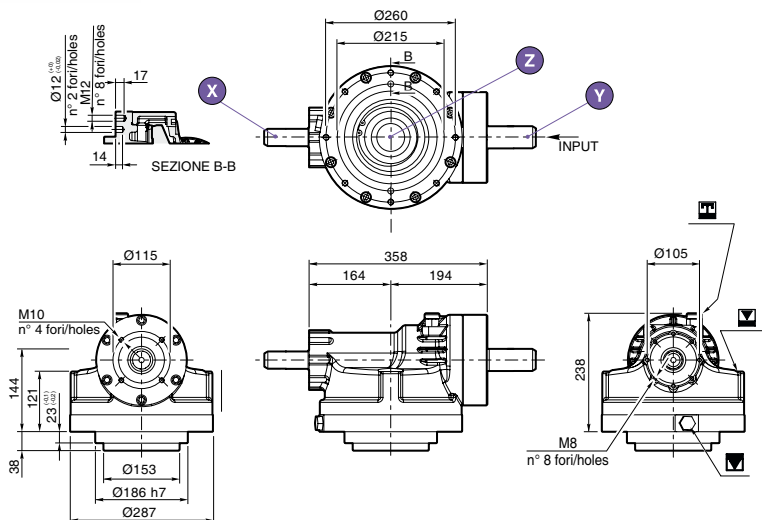




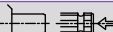
EM130 cod.E2



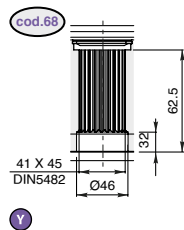
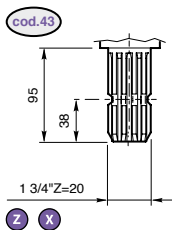
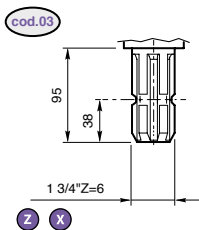
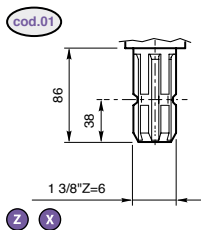
Dimensioni / Dimensions



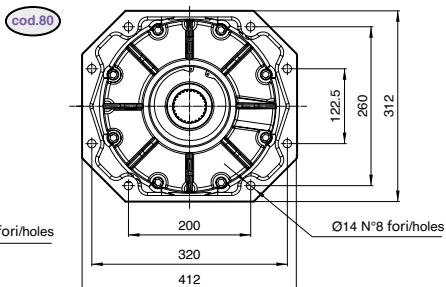
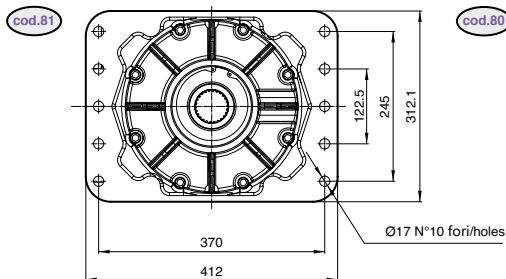
Caratteristiche tecniche / Technical data

i	Input											
		n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts	
1.75:1		540	309	81/110	1433	2507	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	63	3	Vedi pagina seguente See next page	
2.07:1		540 1000	261 483	81/110 88/120	1433 840	2965 1740		Cilindrica denti dritti Cylindrical Straight Teeth				
2.60:1		1000	385	90/123	860	2235						

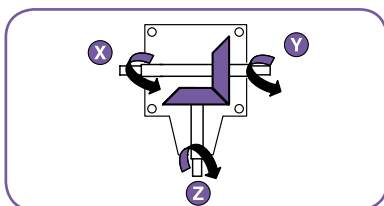
Alberi / Shafts



Flangia / Flange



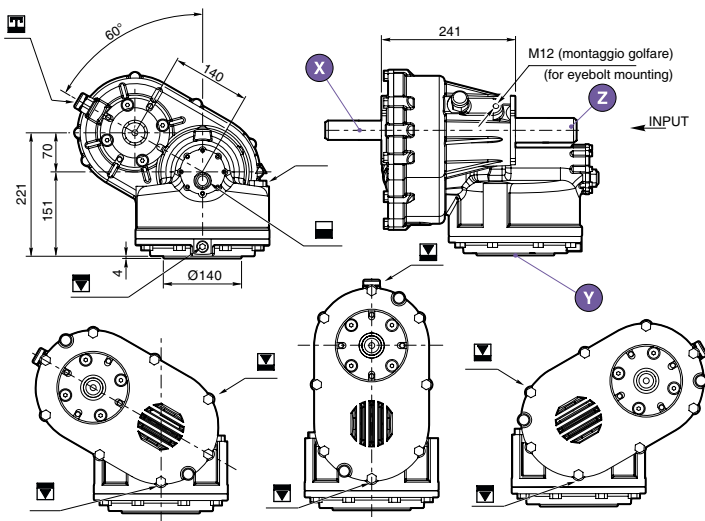
Sensi di rotazione alberi / Shaft direction



EC100 cod.E5



Dimensioni / Dimensions

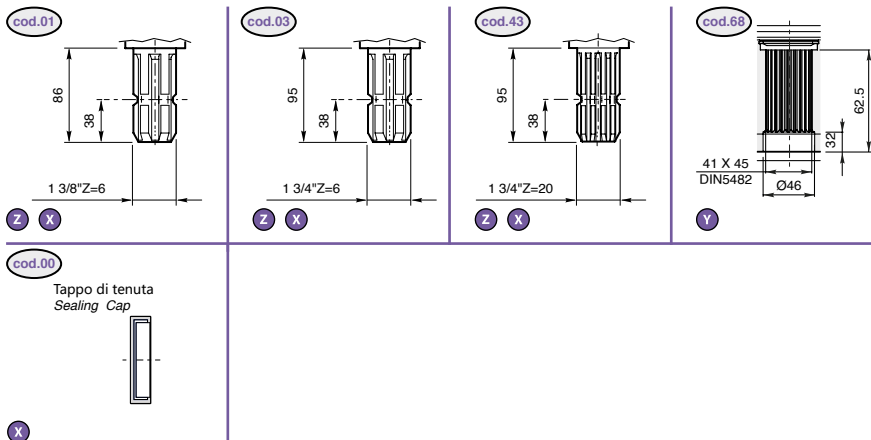


Montaggio Mounting	Montaggio sinistro Left mounting cod.1	Montaggio centrale Central mounting cod.2	Montaggio destro Right mounting cod.0
-----------------------	---	--	--

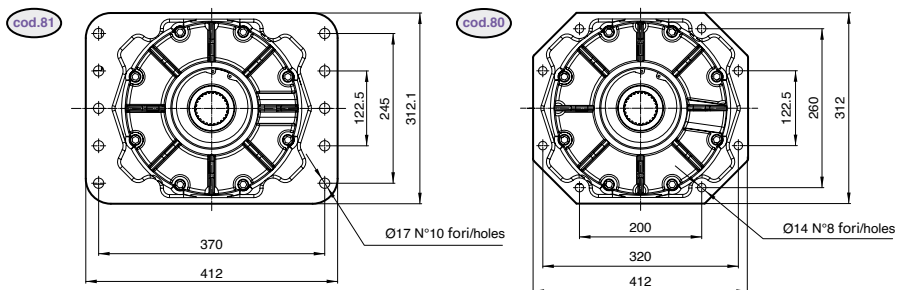
Caratteristiche tecniche / Technical data

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 Toothings	KG	LT	Alberi Shafts
3.2:1		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		1000	345	80/108	764	2215					
1.9:1		540	284	59/80	1043	1983		Cilindrica denti dritti Cylindrical Straight Teeth			
1.75:1		540	309	59/80	1043	1826					

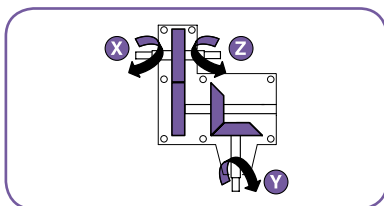
Alberi / Shafts



Flangia / Flange



Sensi di rotazione alberi / Shaft direction



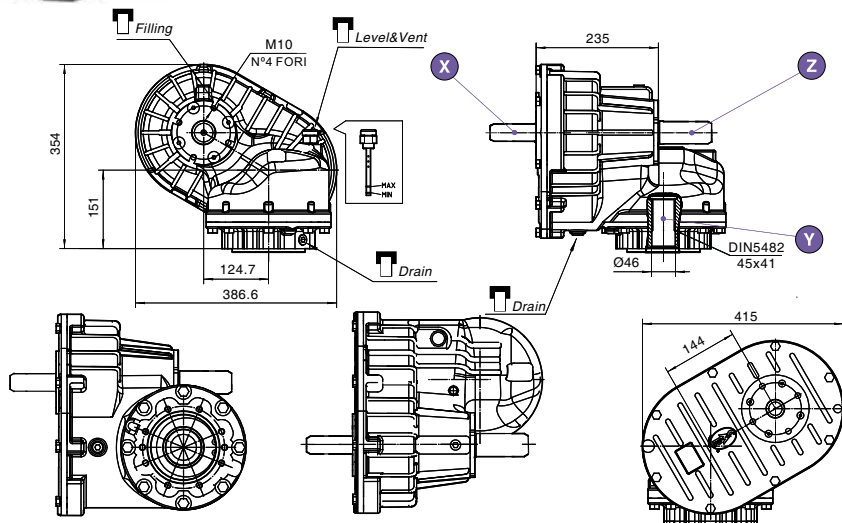


EC110

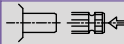
cod.E4



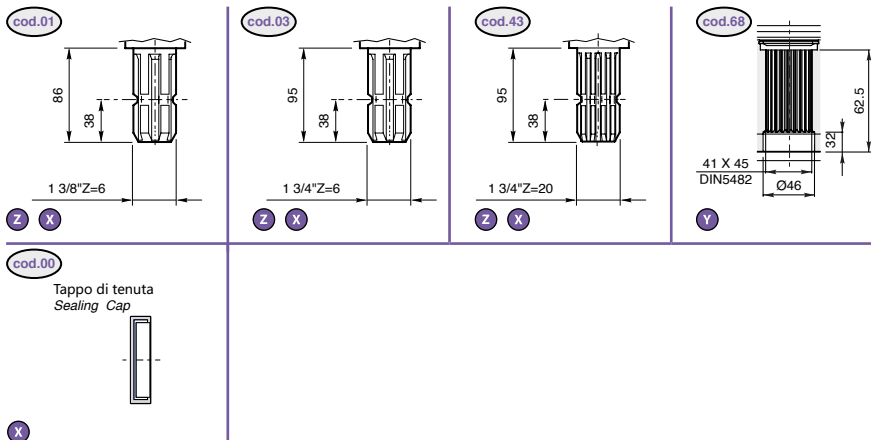
Dimensioni / Dimensions



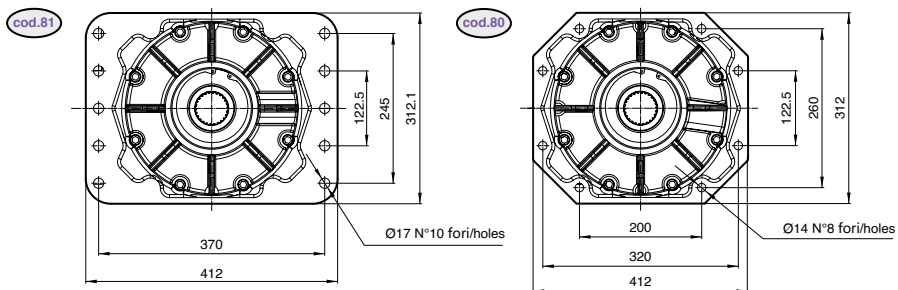
Caratteristiche tecniche / Technical data

i	Input													
		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 Toothings	KG	LT	Alberi Shafts			
3.3:1		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		1000	341	81/109	773	2267								
2.46:1		1000	407	81/109	773	1903								
2.07:1		1000	483	81/109	967	2002		Cilindrica denti dritti Cylindrical Straight Teeth						
1.75:1		540	309	75/95	1256	2197								
1.47:1		540	367	71/95	1256	1845								
1.3:1		540	415	71/95	1256	1632								

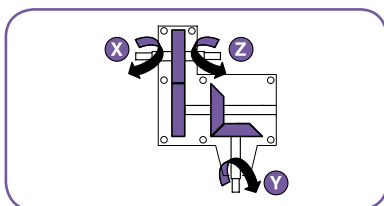
Alberi / Shafts



Flangia / Flange



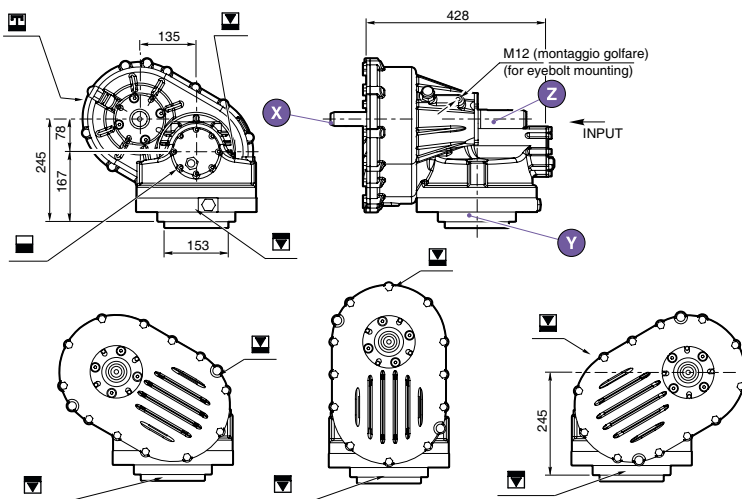
Sensi di rotazione alberi / Shaft direction



EC130 cod.E4



Dimensioni / Dimensions

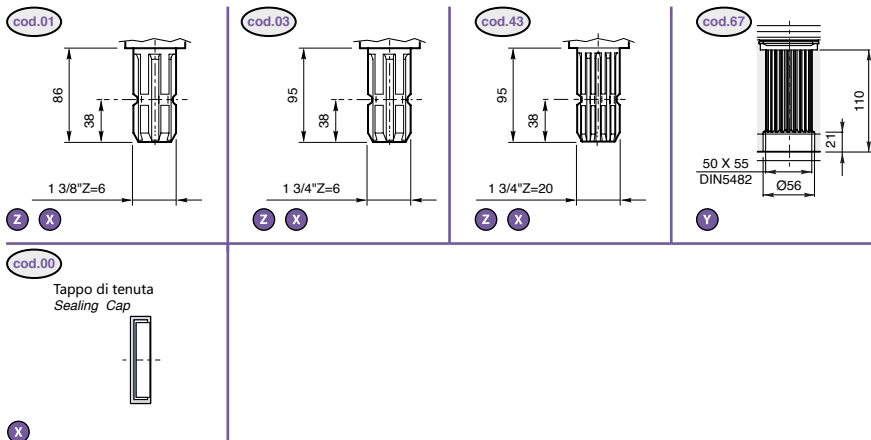


Montaggio Mounting	Montaggio sinistro Left mounting cod.1	Montaggio centrale Central mounting cod.2	Montaggio destro Right mounting cod.0
-----------------------	---	--	--

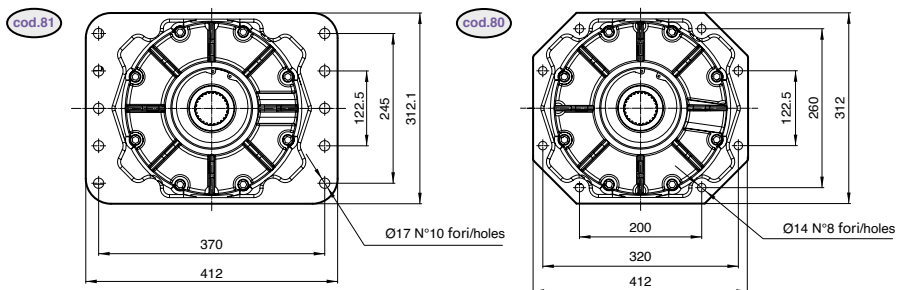
Caratteristiche tecniche / Technical data

i	Input											
		n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T _i N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts	
3.73:1		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		1000	337	88/119.7	840	2504						
2.57:1		1000	386	88/119.7	840	2160						
2.07:1		750 540	362 261	88/118 88/110	1121 1433	2320 2965		Cilindrica denti dritti Cylindrical Straight Teeth				
1.67:1		540	323	81/110	1433	2392						
1.44:1		540	375	81/110	1433	2063						

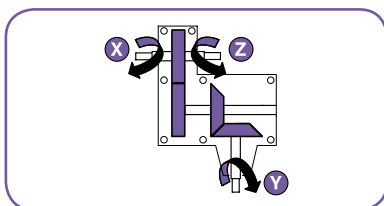
Alberi / Shafts



Flangia / Flange



Sensi di rotazione alberi / Shaft direction



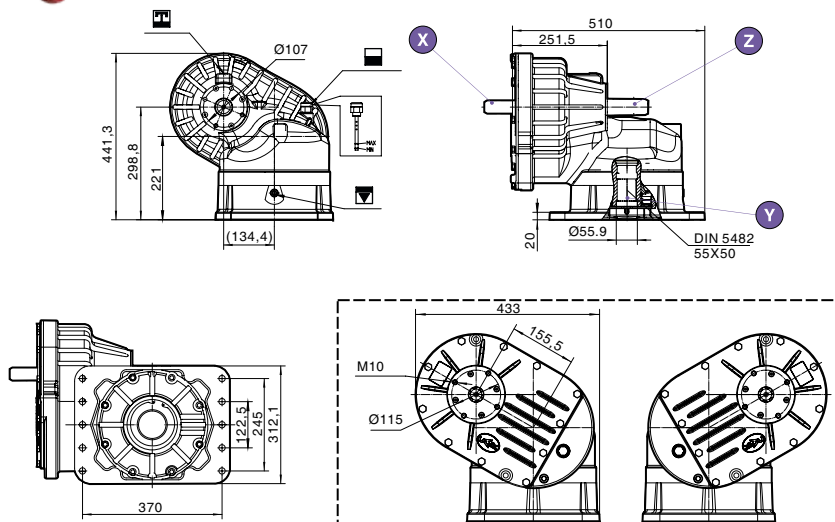


EC220

cod.E8



Dimensioni / Dimensions



Montaggio
Mounting

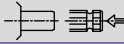
Montaggio sinistro
Left mounting

cod.1

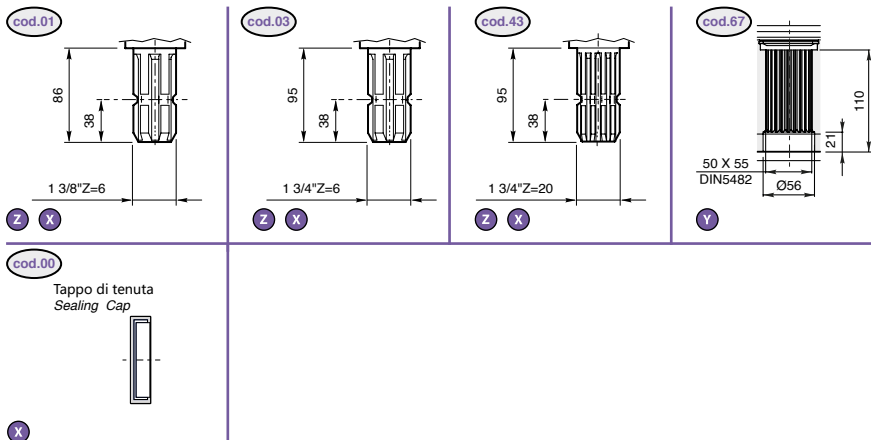
Montaggio destro
Right mounting

cod.0

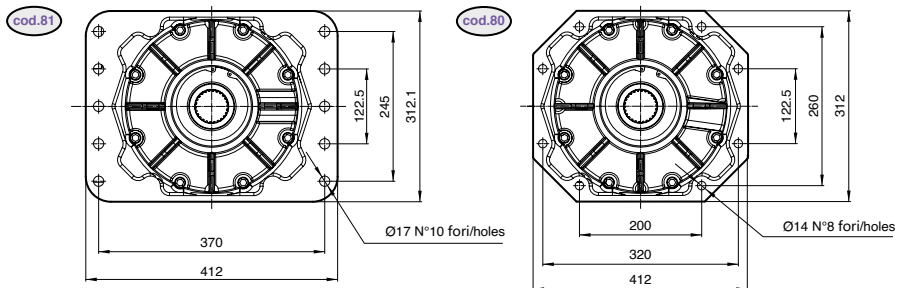
Caratteristiche tecniche / Technical data

i	Input										
	z	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 Toothings	KG	LT	Alberi Shafts
2.57:1	cod.E8	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	cod.38	800	386	158/212	1886	3909					
2.07:1	cod.38	1000	483	220/300	2101	4349		Cilindrica denti dritti Cylindrical Straight Teeth			
3.49:1	cod.38	1000	287	220/300	2101	7332					
2.45:1	cod.65	1000	408	220/300	2101	5147					

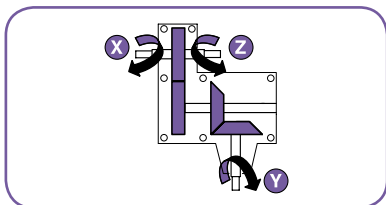
Alberi / Shafts



Flangia / Flange



Sensi di rotazione alberi / Shaft direction

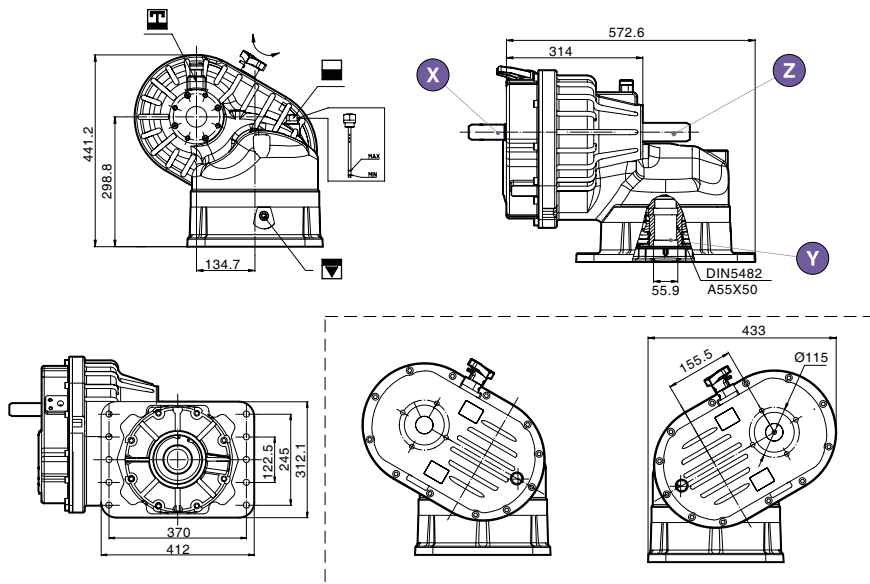




EC220C cod.EA



Dimensioni / Dimensions



Montaggio
Mounting

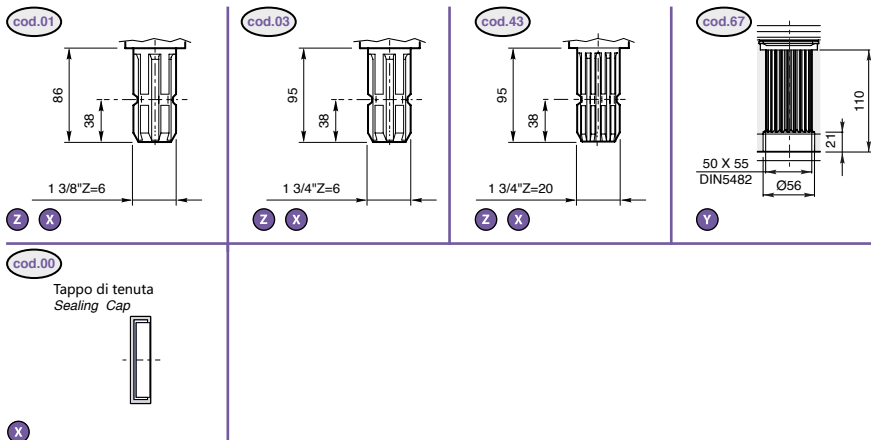
Montaggio sinistro
Left mounting cod.1

Montaggio destro
Right mounting cod.0

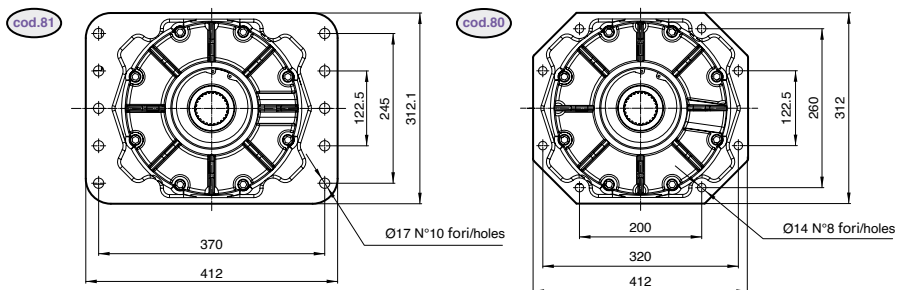
Caratteristiche tecniche / Technical data

i	Input										
	z	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
2.57:1	cod.38	1000	389	158/215	1509	3878	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	115	4.5	Vedi pagina seguente See next page
2.07:1		800	386	158/215	1886	3904		Cilindrica denti dritti Cylindrical Straight Teeth			

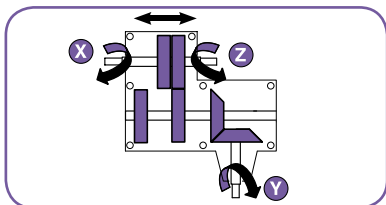
Alberi / Shafts



Flangia / Flange



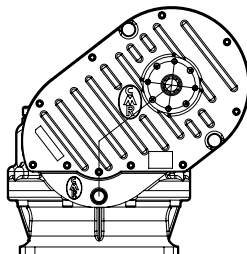
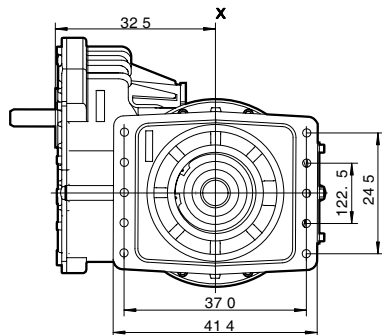
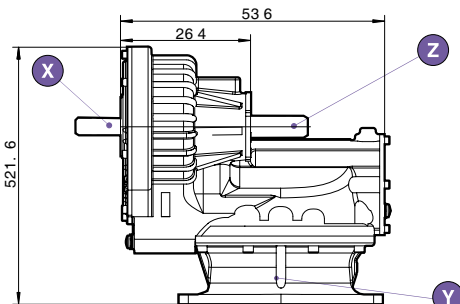
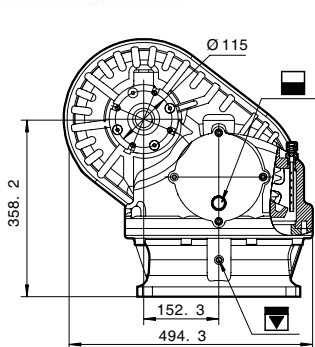
Sensi di rotazione alberi / Shaft direction



EC300 cod.E7



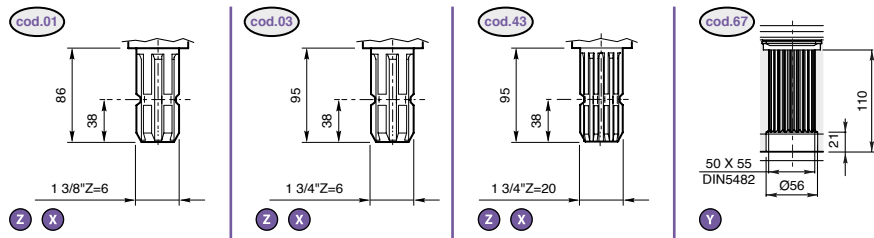
Dimensioni / Dimensions



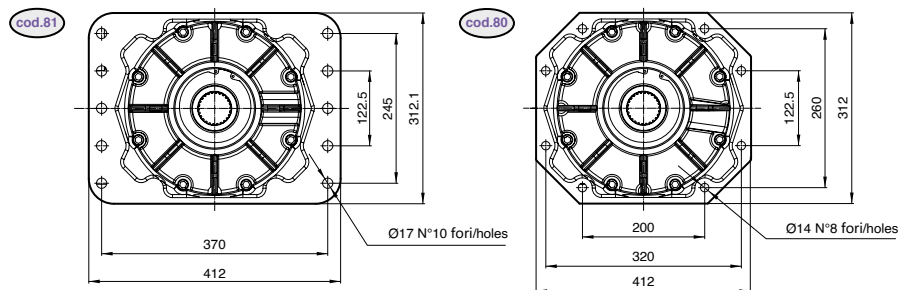
Caratteristiche tecniche / Technical data

i	Input										
		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 Toothings	KG	LT	Alberi Shafts
2.45:1		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		1000	286	220/300	2101	7332		Cilindrica denti dritti Cylindrical Straight Teeth			
2.07:1		1000 760	483 367	220/300 220/268	2101 2764	4349 5722					

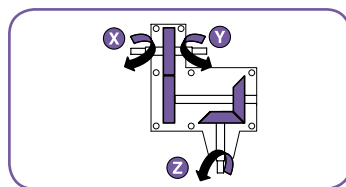
Alberi / Shafts



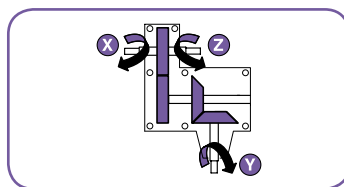
Flangia / Flange



Sensi di rotazione alberi / Shaft direction



Montaggio sinistro
Left mounting **cod.01**



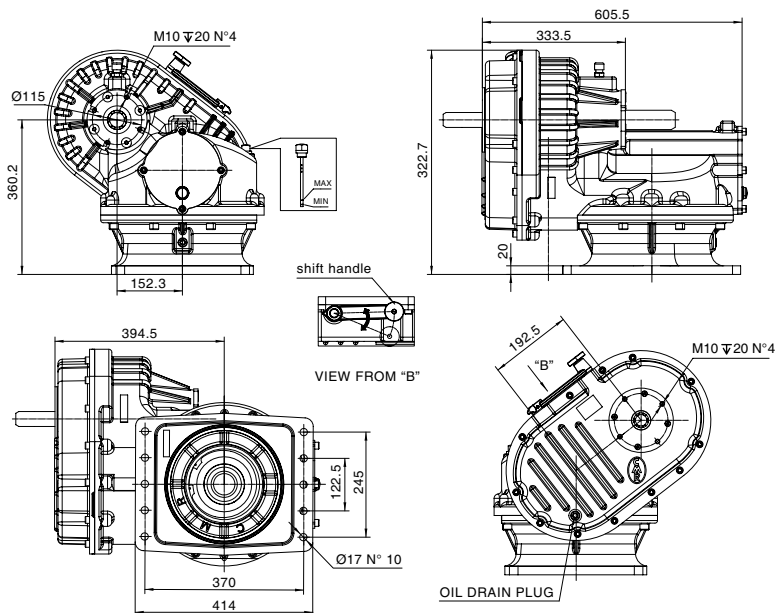
Montaggio destro
Right mounting **cod.0**

EC300C

cod.EB



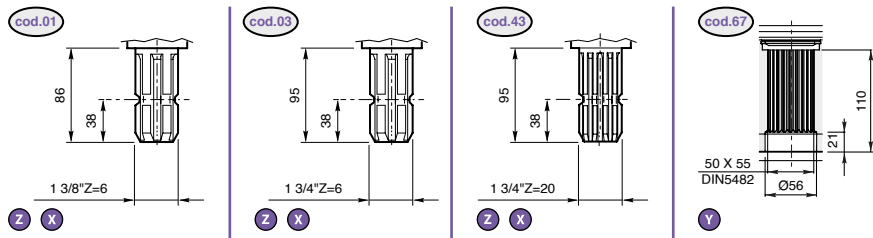
Dimensioni / Dimensions



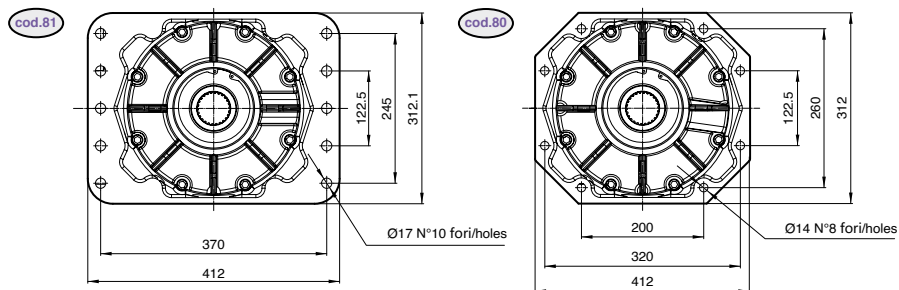
Caratteristiche tecniche / Technical data

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 Toothings	KG	LT	Alberi Shafts	
2.45:1		1000	407	220/300	2101	5147	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth	185	5.5	Vedi pagina seguente See next page	
2.07:1		1000 760	483 367	220/300 220/268	2101 2764	4349 5722		Cilindrica denti dritti Cylindrical Straight Teeth				

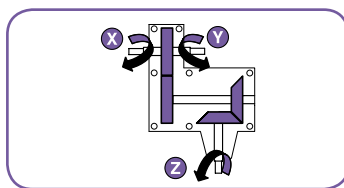
Alberi / Shafts



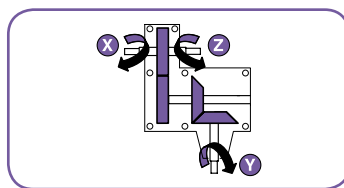
Flangia / Flange



Sensi di rotazione alberi / Shaft direction



Montaggio sinistro
Left mounting **cod.01**



Montaggio destro
Right mounting **cod.0**

Note

[illegible]

SERIE PH
PH40L

136
PH40

138
PH100

140
PH130

142
PH160

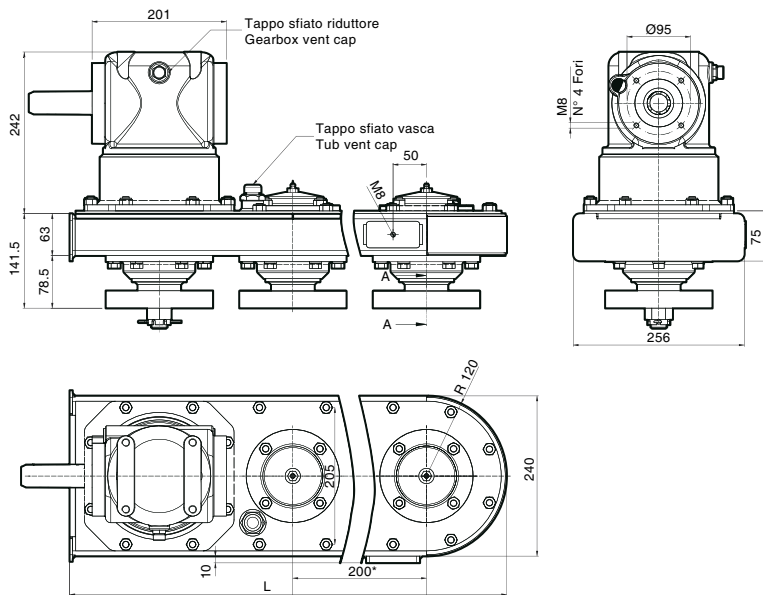
144

PH40L

(cod. I)



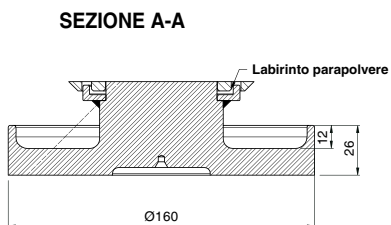
Dimensioni / Dimensions



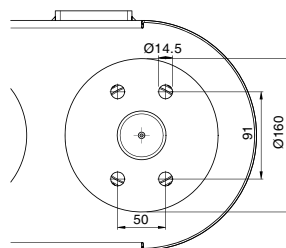
Caratteristiche tecniche / Technical data

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	

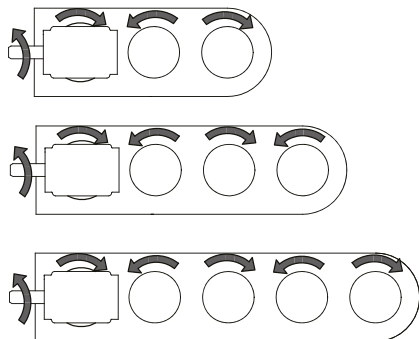
Fasatura portadenti / Knife housing timing



Vista da "A"



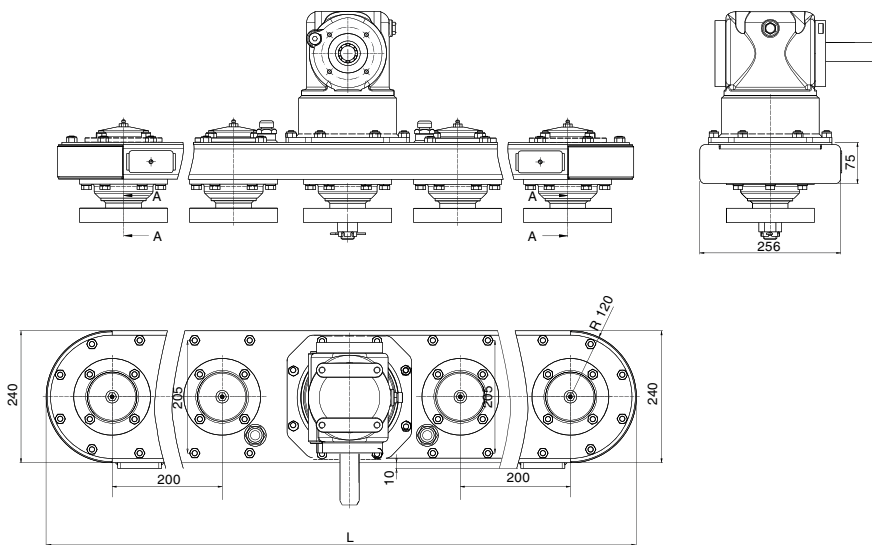
Sensi di rotazione alberi / Shaft direction



PH40 cod.I



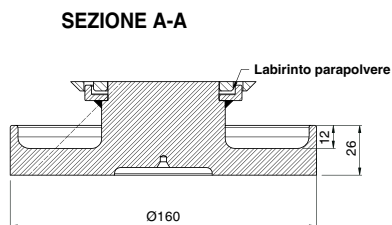
Dimensioni / Dimensions



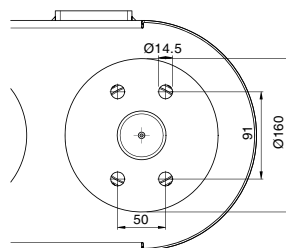
Caratteristiche tecniche / Technical data

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	

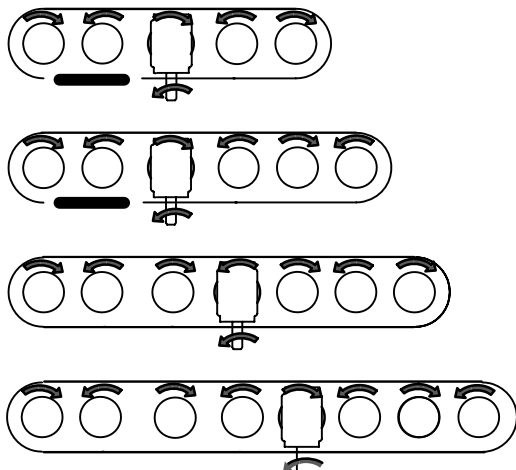
Fasatura portadenti / Knife housing timing



Vista da "A"



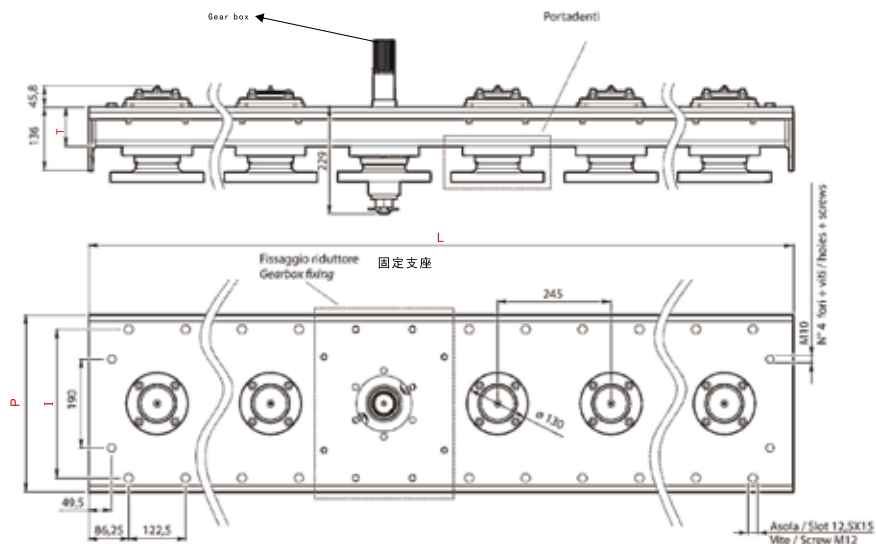
Sensi di rotazione alberi / Shaft direction



PH100 cod.L



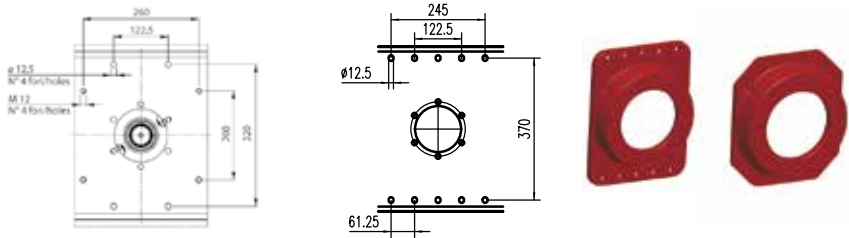
Dimensioni / Dimensions



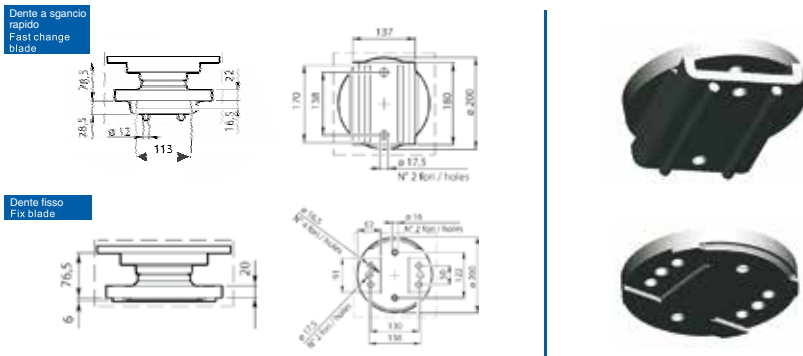
Caratteristiche tecniche / Technical data

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



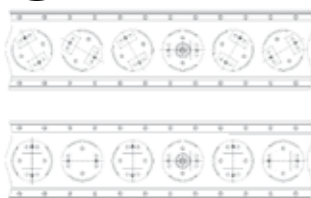
Fasatura portadenti / Knife housing timing



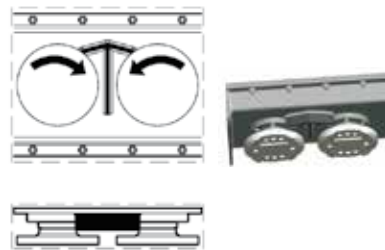
PH100

TIPOLOGIA DI FASATURA DEI DENTI
DIFFERENT FACE OF BLADE SUPPORT

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



**SISTEMA PARAPIETERE (OPZIONALE)
STONE PROTECTION**

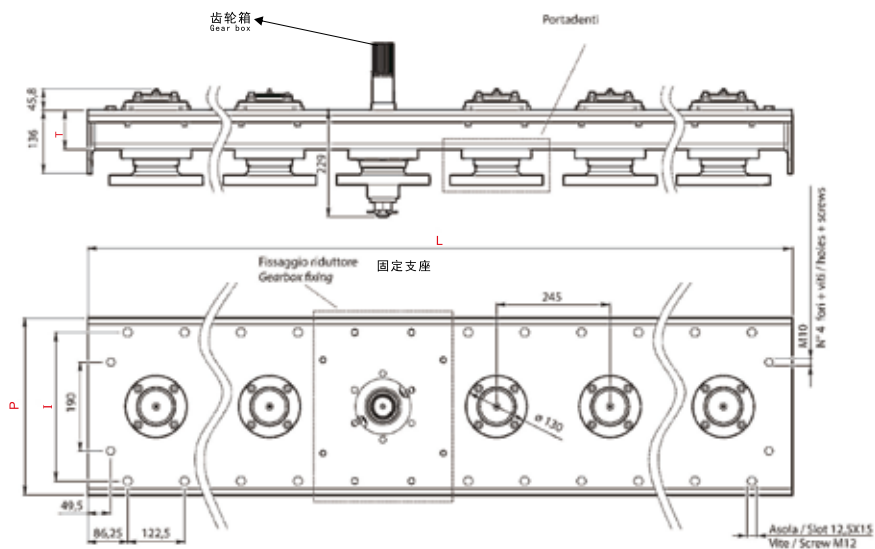


PH130

cod.M



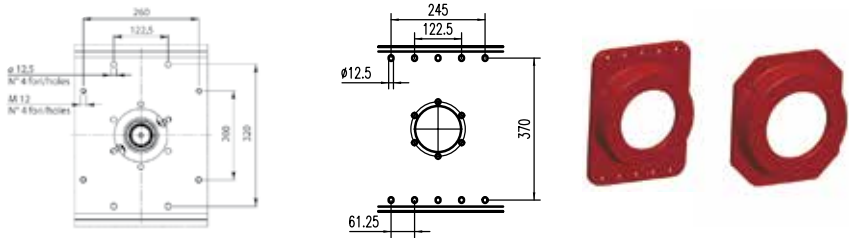
Dimensioni / Dimensions



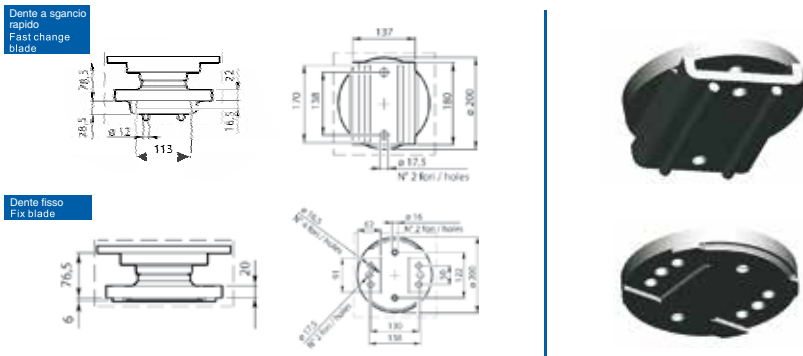
Caratteristiche tecniche / Technical data

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	

Tipo fissaggio riduttore / Gearbox fixing type



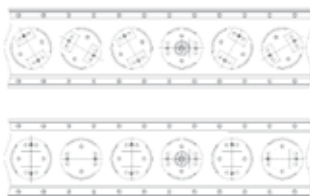
Fasatura portadenti / Knife housing timing



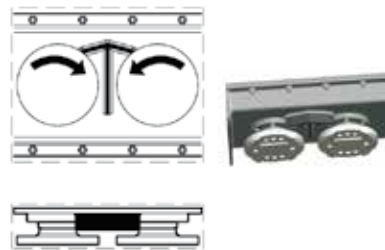
PH130

TIPOLOGIA DI FASATURA DEI DENTI
DIFFERENT FACE OF BLADE SUPPORT

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



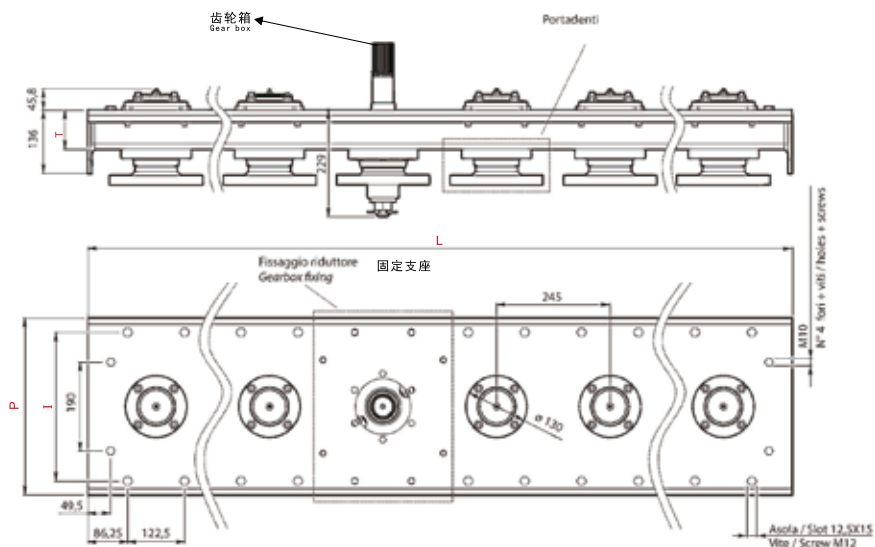
**SISTEMA PARAPIETERE (OPZIONALE)
STONE PROTECTION**



PH130H (cod.H)



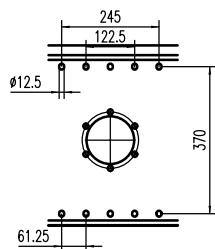
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

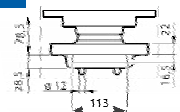
Modello model	Altezza thickness T	Interasse fori flangia width I	Larghezza P	Riduttore gearbox	Rapporto ratio	Lunghezza length L	Numero Rotori rotor No.	Tipo Fissaggio Denti fixing blade type
PH130H	110	370	430	EC130	2.07:1	2.5m	10	Dente fisso Fix blade
				EC200	2.45:1	3m	12	Dente a sgancio rapido Fast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

Tipo fissaggio riduttore / Gearbox fixing type

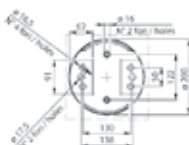
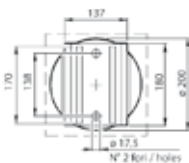
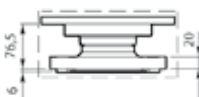


Fasatura portadenti / Knife housing timing

Dente a sgancio rapido
Fast change blade

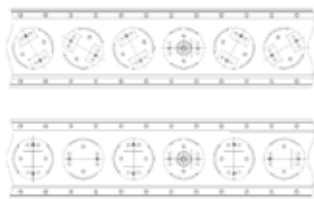


Dente fisso
Fix blade

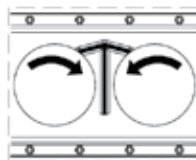


**TIPOLOGIA DI FASATURA DEI DENTI
DIFFERENT FACE OF BLADE SUPPORT**

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



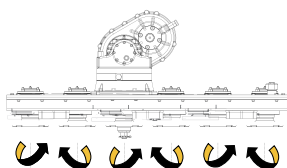
**SISTEMA PARAPIETRE (OPZIONALE)
STONE PROTECTION**



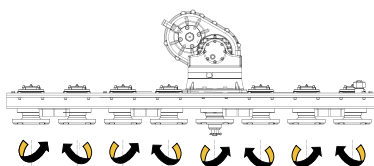
PH130H



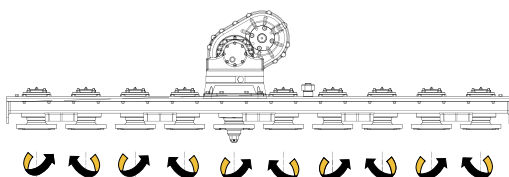
Sensi di rotazione alberi / Shaft direction



PH100 1.5m
PH130 1.5m

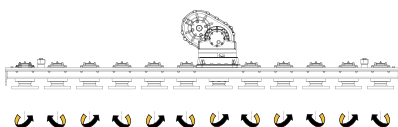


PH100 2m
PH130 2m

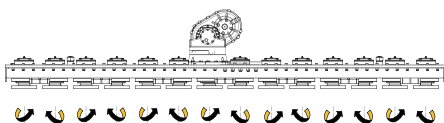


PH100 2.5m
PH130 2.5m

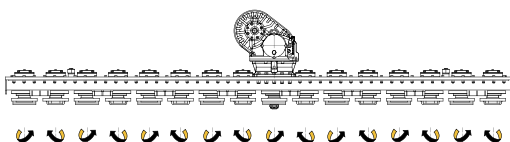
Sensi di rotazione alberi / Shaft direction



PH130H 3m



PH130H 3.5m



PH130H 4m

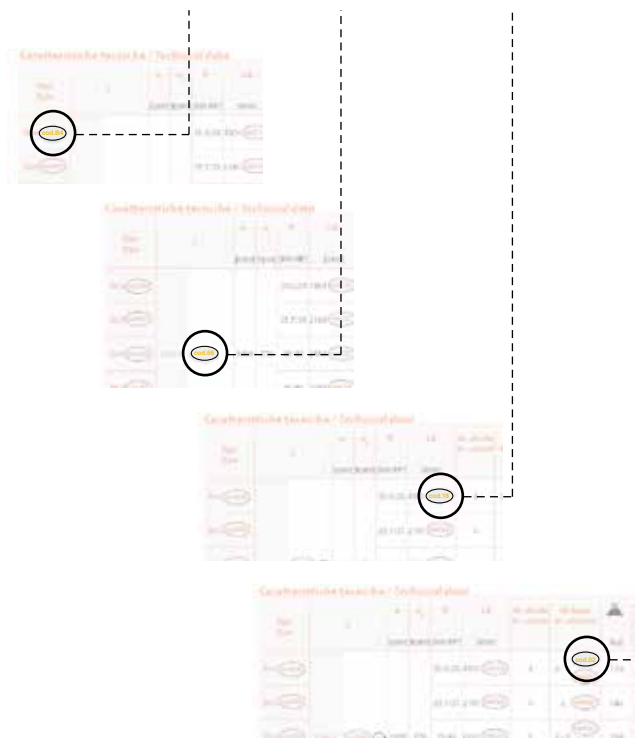
SERIE B
B

150
BF

152
BA

154

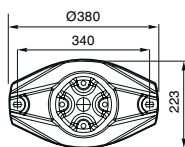
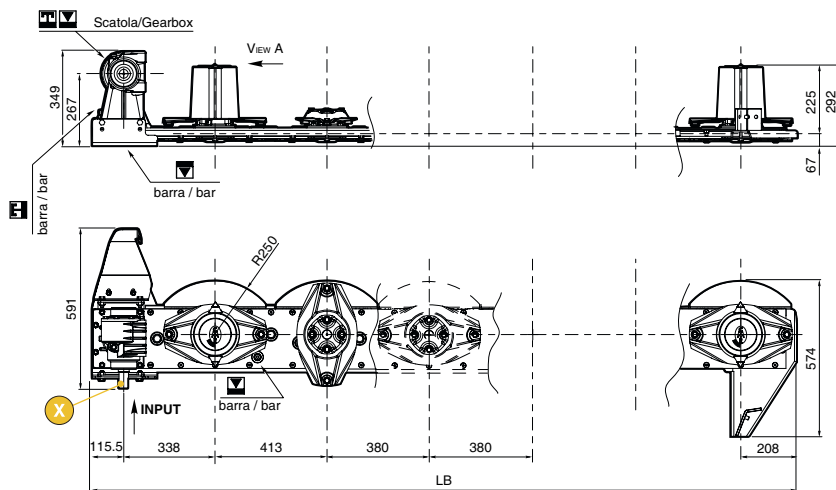
Codifica/Code						
Settore Area	Tipo Type	Scatola Box	i	Lunghezza Lenght L	Numero lame Number of blade	Numero progressivo Sequential number
S	T	B04	XX	18	02	123
S	T	cod.B04	cod.66	cod.18 ↑ 1801		...
		pag. dedicate dedicated pag.	pag. dedicate dedicated pag.	pag. dedicate dedicated pag.	pag. dedicate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



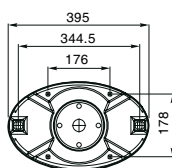
B cod.B



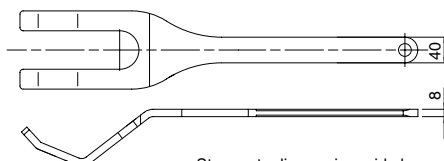
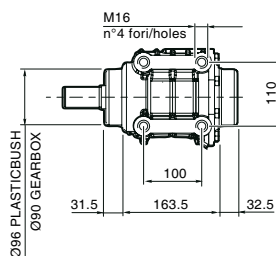
Dimensioni / Dimensions



Disco bilama fisso
2 Blade Disc



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

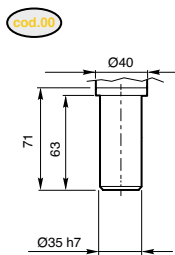
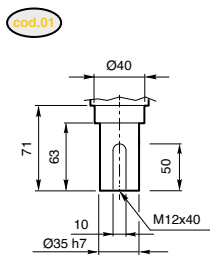


Strumento di sgancio rapido lame
Blades Quick-release Tool

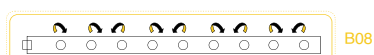
Caratteristiche tecniche / Technical data

Type	i	Input									
			n ₁ rpm input	n ₂ rpm output	P ₁ 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)
B04 	1:2.66		1000	2660	21/28	4	2-3  	155	0.7	2.5	1801 
B05 					26/35	5	2  	180		3.0	2115 
B06 					30/41	6	2-3  	200		3.5	2562 
B07 					36/49	7	2  	230		4.0	2975 
B08					41/56	8	2-3 	255		4.5	3322

Alberi / Shafts



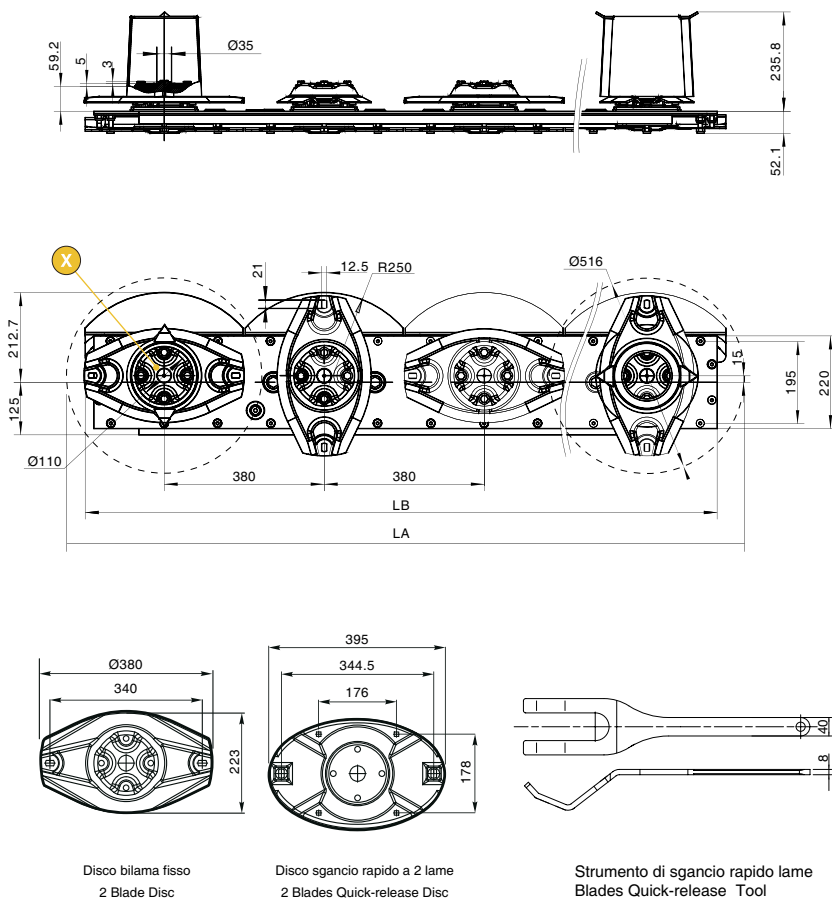
Sensi di rotazione alberi / Shaft direction



BF cod.F

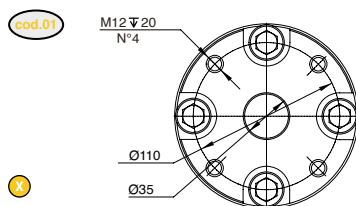
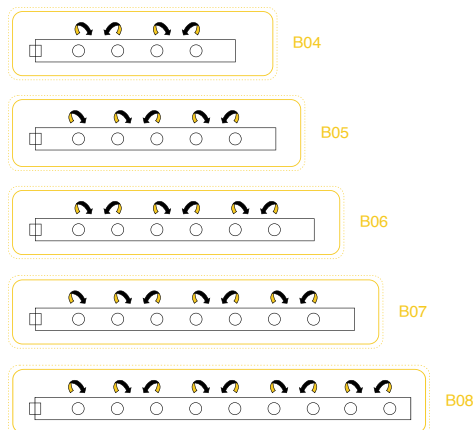


Dimensioni / Dimensions

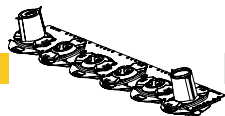


Caratteristiche tecniche / Technical data

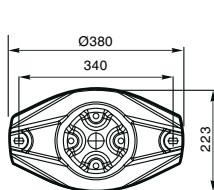
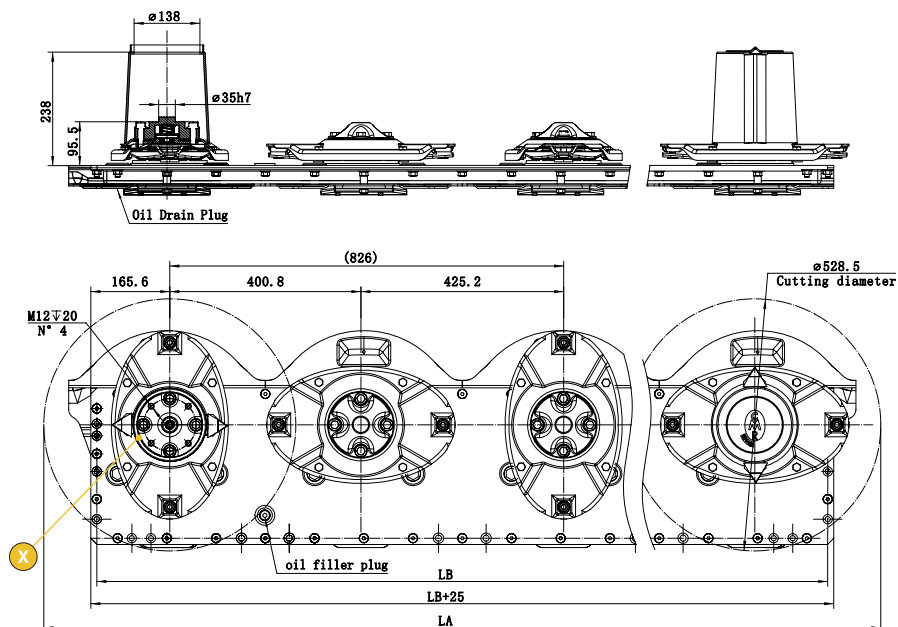
Type	i	Input									
			n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	Lunghezza LB (mm)	Lunghezza di taglio LA (mm)	Numero Dischi Nr.of discs	Numero di lamini per disco Nr.of blade	KG	Barra Bar (t)
B05 	1:1		3000	3000	60(82)	1928	2069	5	2	124	2.5
B06 						2275	2416	6	2	142	3.0
B07 						2668	2829	7	2	164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

Alberi / Shafts

Sensi di rotazione alberi / Shaft direction


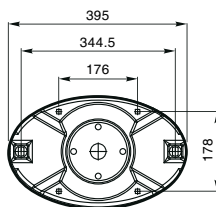
BA (cod.A)



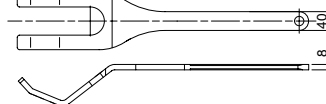
Dimensioni / Dimensions



Disco bilama fisso
2 Blade Disc



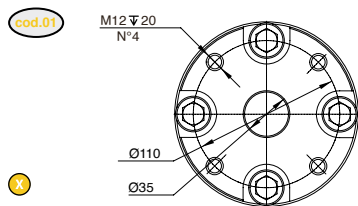
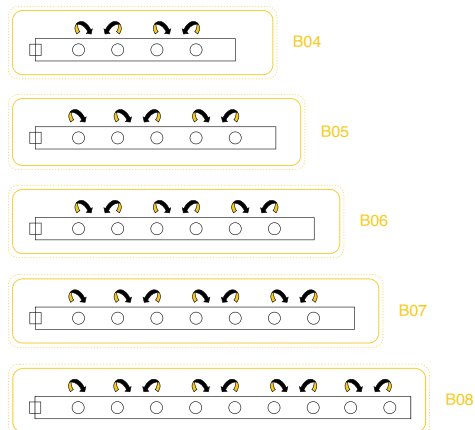
Disco sgancio rapido a 2 lame
2 Blades Quick-release Disc



Strumento di sgancio rapido lame
Blades Quick-release Tool

Caratteristiche tecniche / Technical data

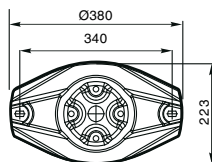
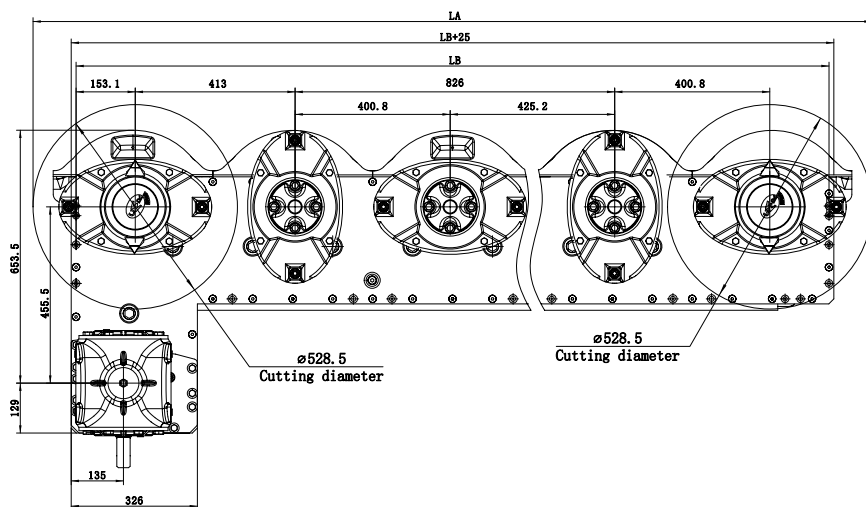
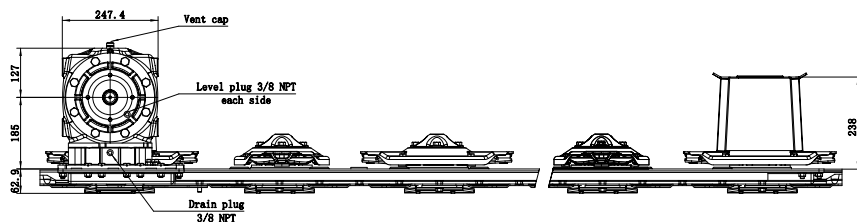
Type	i	Input									
			n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	Lunghezza LB (mm)	Larghezza di taglio LA (mm)	Numero Dischi Nr.of discs	Numero di lamini per disco Nr.of blade	KG	Barra Bar (t)
B05 	1:1		3000	3000	85(115)	1946	2169	5	2	190	3.0
B06 						2359	2582	6	2	216	3.6
B07 						2772	2995	7	2	252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

Alberi / Shafts

Sensi di rotazione alberi / Shaft direction


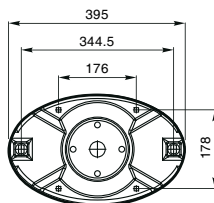
BA (cod.A)



Dimensioni / Dimensions



Disco bilama fisso
2 Blade Disc



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

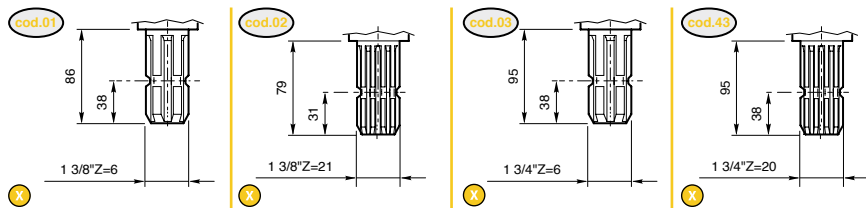


Strumento di sgancio rapido lame
Blades Quick-release Tool

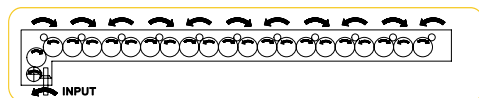
Caratteristiche tecniche / Technical data

Type	i	Input										
			n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	Lunghezza LB (mm)	Larghezza di taglio LA (mm)	Numero Dischi Nr.of discs	Numero di lamini per disco Nr.of blade	KG	Scatola Gearbox (l)	Barra Bar (l)
B11 	1:3.2		1000	3200	100(136)	4436.5	4647	11	2	440	2.6	6.6
B12 						4837	5060	12	2	500		7.2
B14 						5663	5886	13	2	550		8.4
B16 						6489	6712	14	2	622		9.6

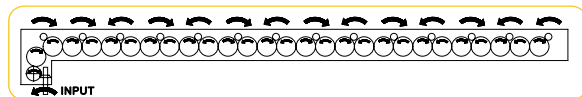
Alberi / Shafts



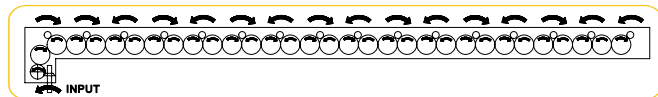
Sensi di rotazione alberi / Shaft direction



B11



B14



B16

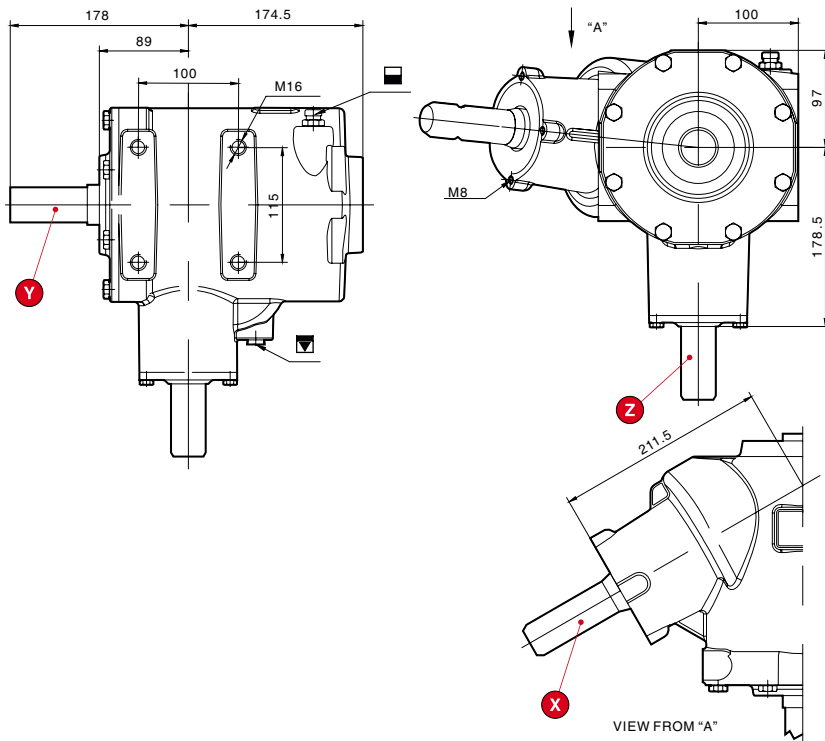
BA

Note

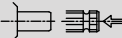
SERIE N**N80****160**

N-80 cod.N8

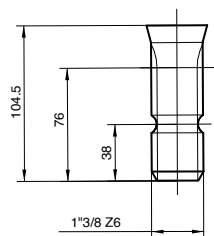
Dimensioni / Dimensions



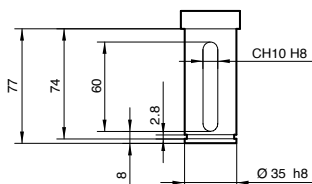
Caratteristiche tecniche / Technical data

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
1:1.35		730	986	60.3(82)	789	584	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Helical teeth	39	1.8	Vedi pagina seguente See next page
1:4.05		730	2957	60.3(82)	789	195		Cilindrica denti dritti Cylindrical straight teeth			

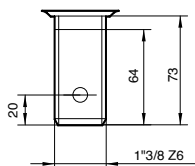
Alberi / Shafts



X



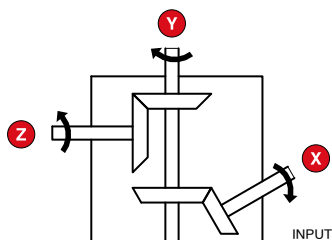
Y



Z

N-80

Sensi di rotazione alberi / Shaft direction



Note

[illegible]

SERIE M

M-25



164

M-35



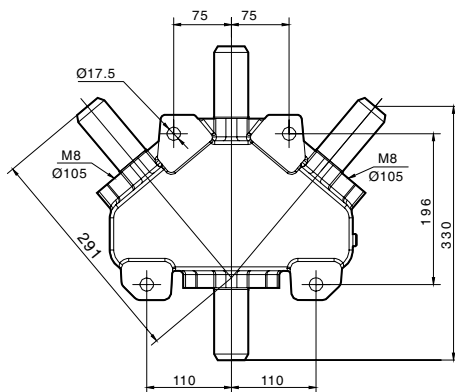
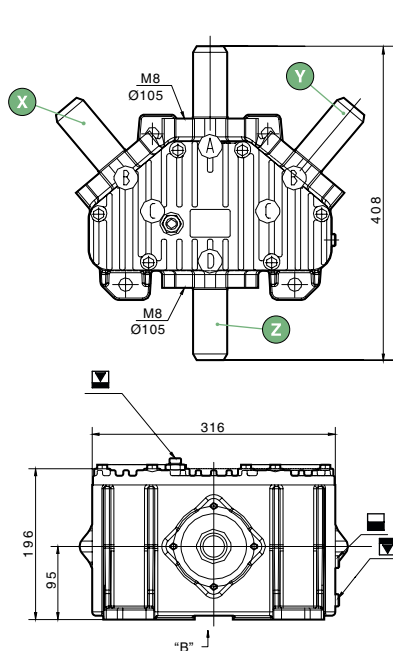
166



M-25 cod.M0

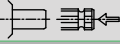


Dimensioni / Dimensions



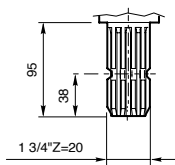
VIEW "B"

Caratteristiche tecniche / Technical data

i	Input				Materiale Material	Dentatura Toothings	 KG	 LT	 Alberi Shafts
	X	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			
1:1.2	cod.00	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	cod.27	1000	833	92(125)	878	1055			

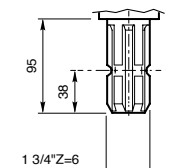
Alberi / Shafts

cod.43



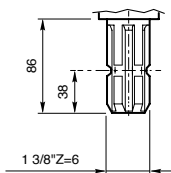
X Y Z

cod.03



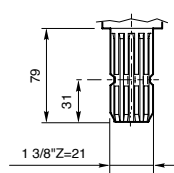
X Y Z

cod.01



X Y Z

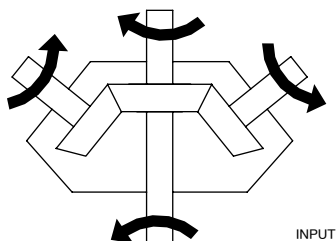
cod.02



X Y Z

M-25

Sensi di rotazione alberi / Shaft direction



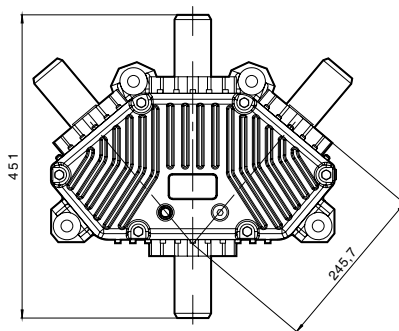
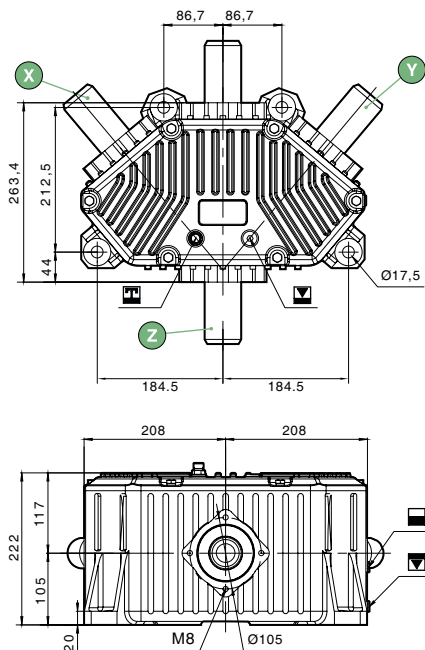


M-35

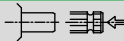
cod.61



Dimensioni / Dimensions

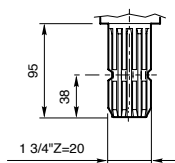


Caratteristiche tecniche / Technical data

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 Toothring	KG	LT	Alberi Shafts
1:1.21		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		1000	826	184(250)	1757	2126					

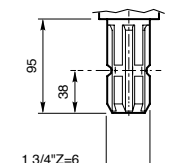
Alberi / Shafts

cod.43



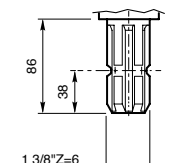
X Y Z

cod.03



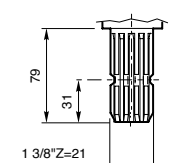
X Y Z

cod.01



X Y Z

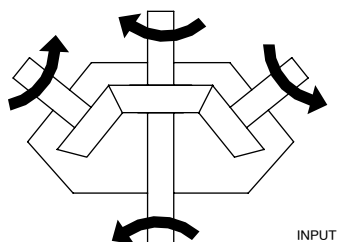
cod.02



X Y Z

M-35

Sensi di rotazione alberi / Shaft direction



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	
S	R	17	67	01	01	11	X
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 Attacco



Caratteristiche tecniche/Technical data

i	n ₁	n ₂	P ₁	T _{1m}	T _{2m}	Materiale Material
3,25:1	540	152	2	94	115	
1,9:1						cod.67



Shafts   



Sensi di rotazione alberi/Shaft rotation directions

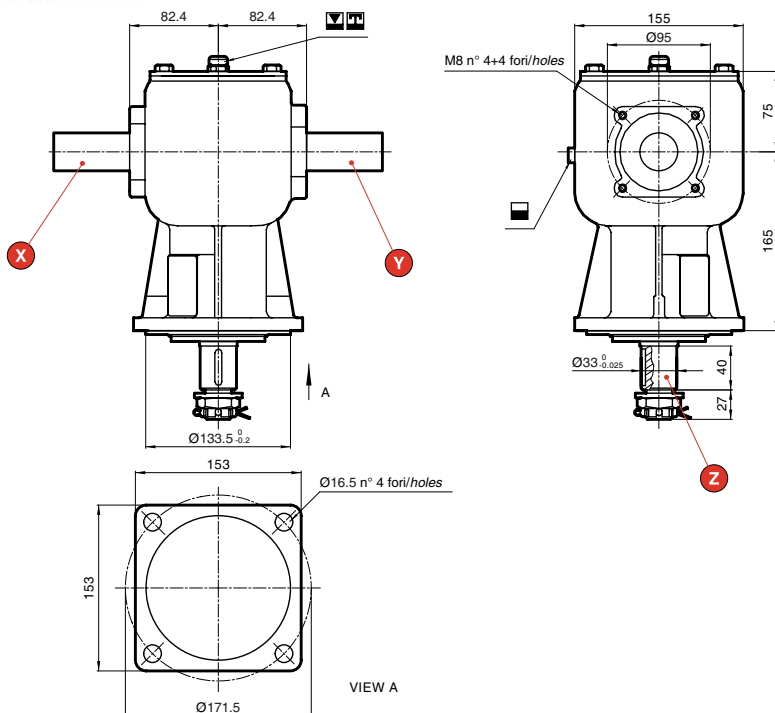




V-25 cod.17



Dimensioni / Dimensions

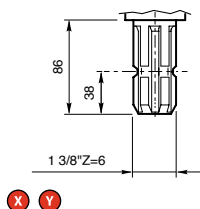


Caratteristiche tecniche / Technical data

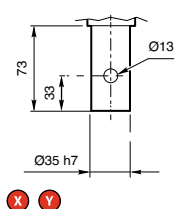
i	Input										
	Z	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
1:2.5	cod.10	540	1350	14.7/20	257	103	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	16	0.9	Vedi pagina seguente See next page
1:2.83	cod.67	540	1528	14.7/20	260	92					

Alberi / Shafts

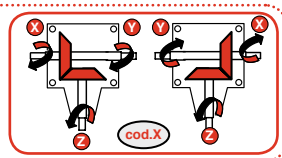
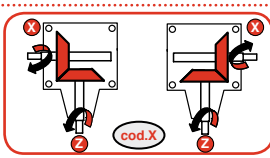
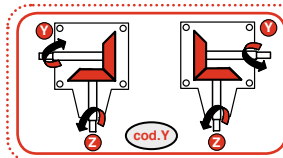
cod.01



cod.56



Sensi di rotazione alberi / Shaft direction



cod.R

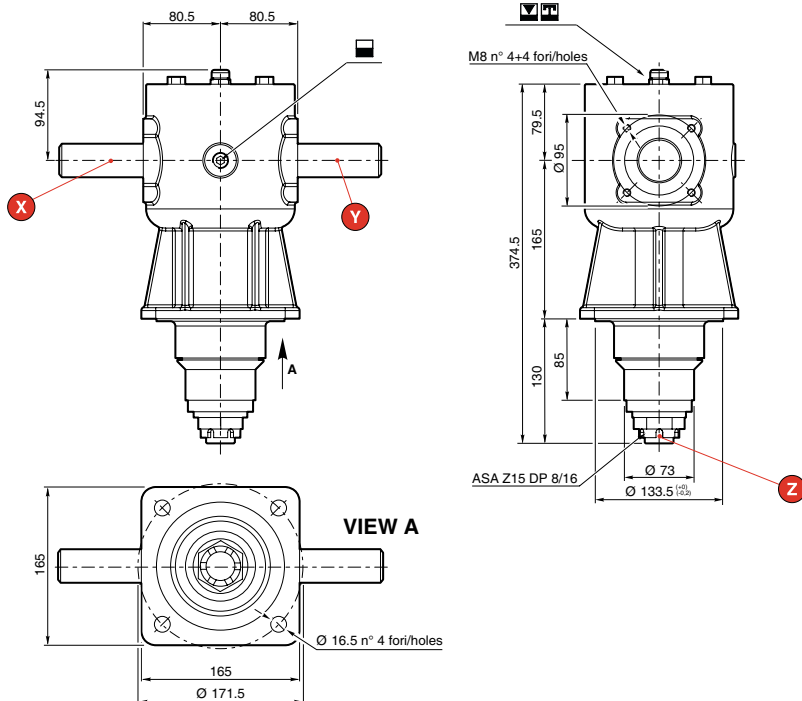
Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit



V-30 **cod.43**



Dimensioni / Dimensions

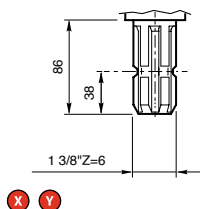


Caratteristiche tecniche / Technical data

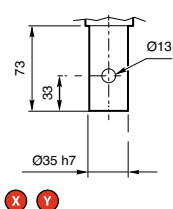
i	Input											
		n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts	
1:1.92		540 1000	1036 1920	22(30) 34(46)	393 325	205 171	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth 	16.3	1.1	Vedi pagina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

Alberi / Shafts

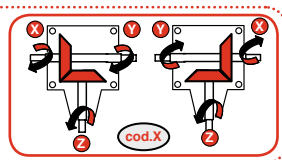
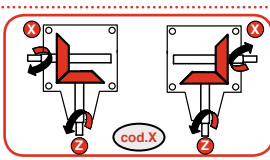
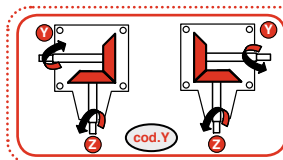
cod.01



cod.56



Sensi di rotazione alberi / Shaft direction



cod.R

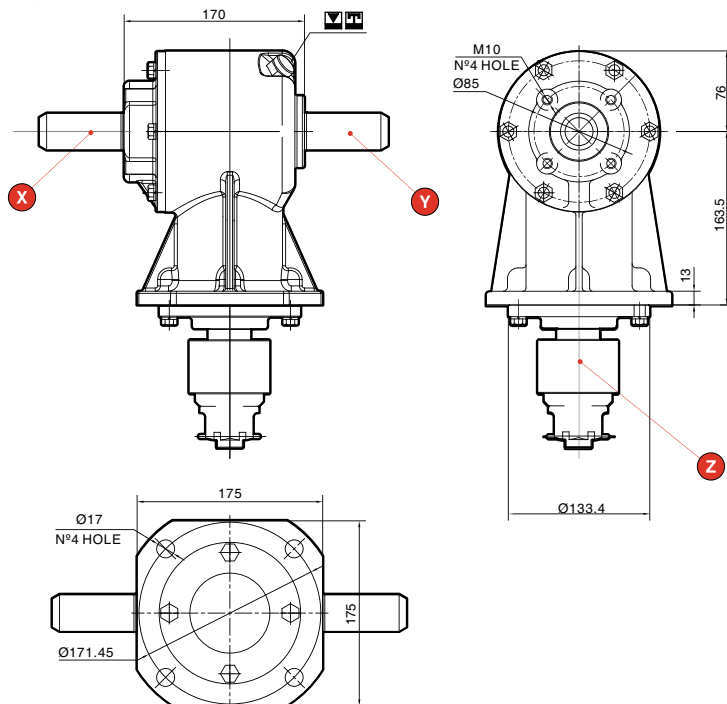
Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit



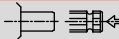
V-31 **cod.C3**



Dimensioni / Dimensions

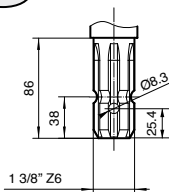


Caratteristiche tecniche / Technical data

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

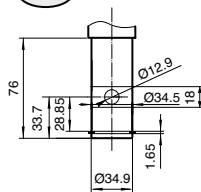
Alberi / Shafts

cod.01



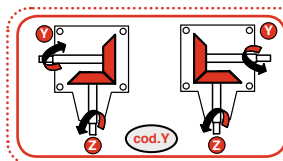
X Y

cod.56

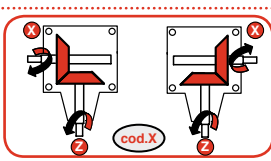


X Y

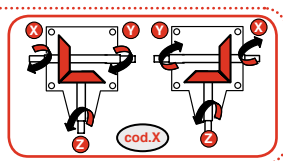
Sensi di rotazione alberi / Shaft direction



cod.Y



cod.X



cod.X

cod.R

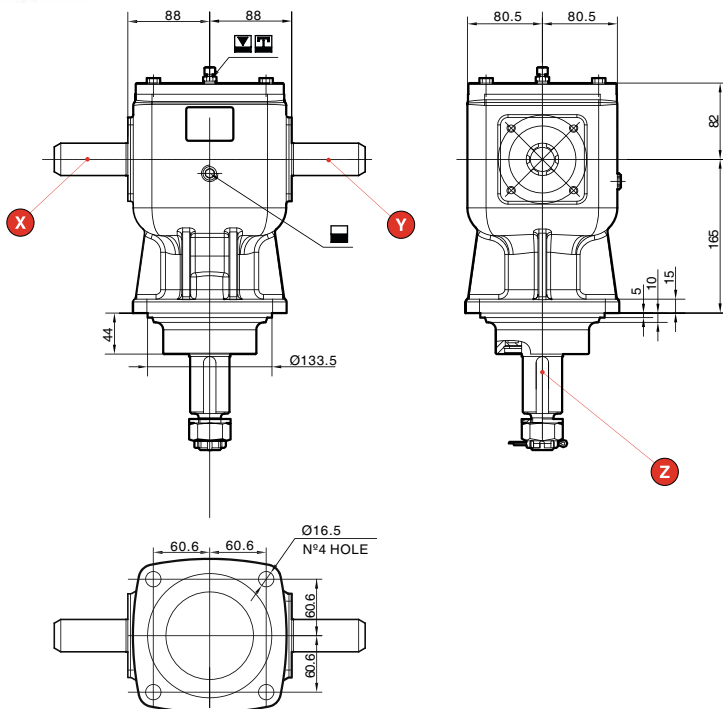
Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit



V-40 **cod.48**



Dimensioni / Dimensions

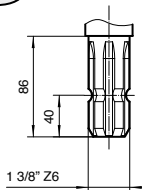


Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing			
	X/Y	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			KG	LT	Alberi Shafts
1:2.83	cod.08	540	1530	34/45	591	209	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	21.5	1.3	Vedi pagina seguente See next page

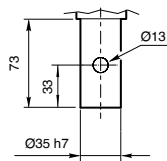
Alberi / Shafts

cod.01



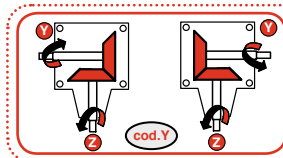
X Y

cod.56

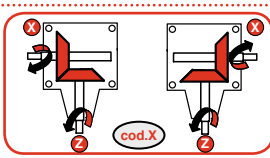


X Y

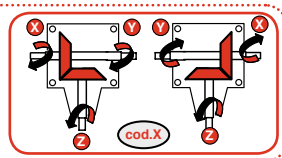
Sensi di rotazione alberi / Shaft direction



cod.Y



cod.X



cod.X

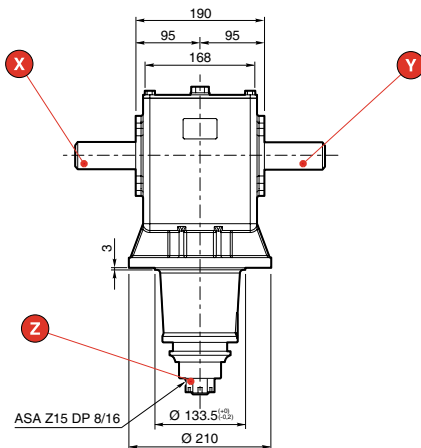
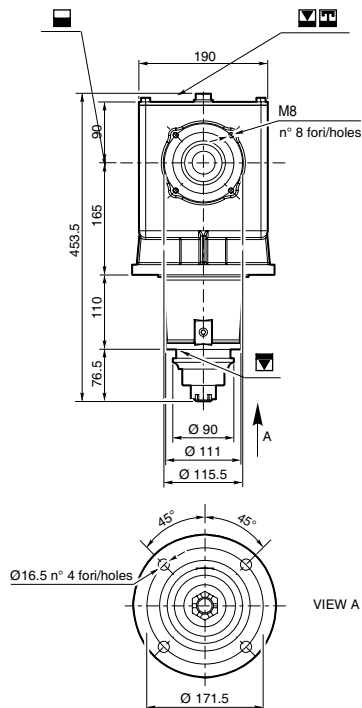
cod.R

Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit

V-50 **cod.45**



Dimensioni / Dimensions

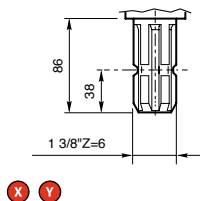


Caratteristiche tecniche / Technical data

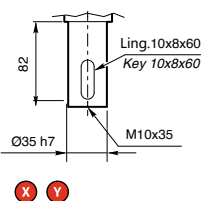
i	Input											
	 / 	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T _i N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts	
1:3		540	1620	33/45	570	190	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth 	21.5	1.3	Vedi pagina seguente See next page	

Alberi / Shafts

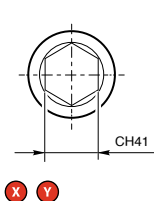
cod.01



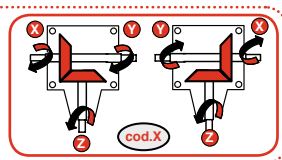
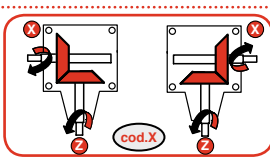
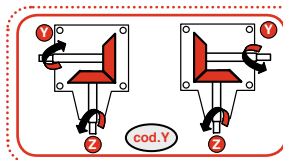
cod.11



cod.36



Sensi di rotazione alberi / Shaft direction



cod.R

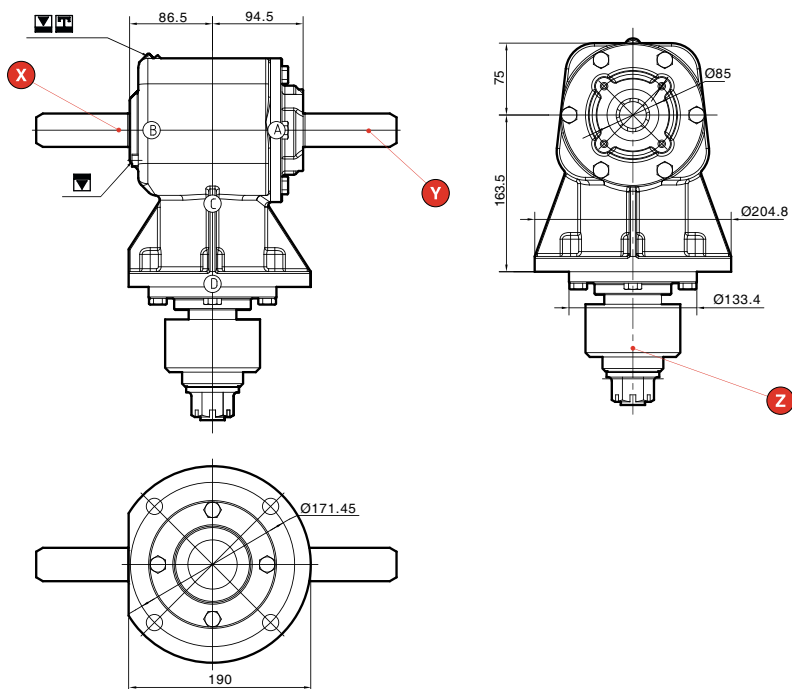
Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit



V-51 **cod.C4**



Dimensioni / Dimensions

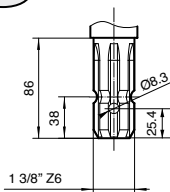


Caratteristiche tecniche / Technical data

i	Input										
		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 Toothings	KG	LT	Alberi Shafts
1:1.93		540	1042	30/40	530	274	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth 	25	1.3	Vedi pagina seguente See next page

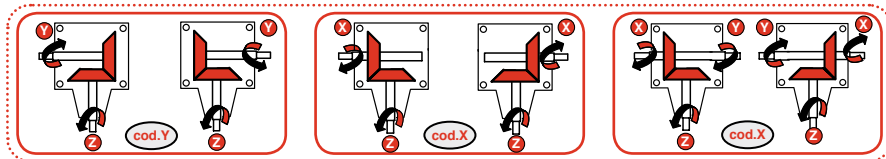
Alberi / Shafts

cod.01



X Y

Sensi di rotazione alberi / Shaft direction



cod.R

Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit

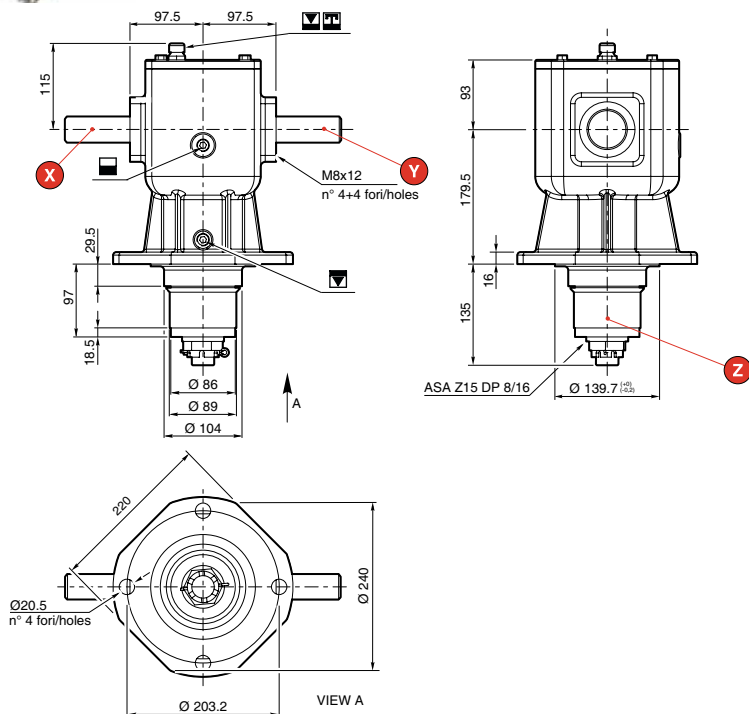
V-51



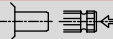
V-60 **cod.46**



Dimensioni / Dimensions

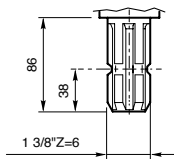


Caratteristiche tecniche / Technical data

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

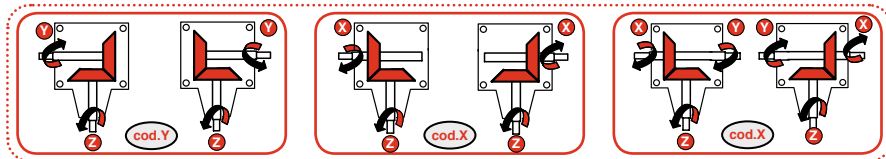
Alberi / Shafts

cod.01



X Y

Sensi di rotazione alberi / Shaft direction



cod.R

Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit

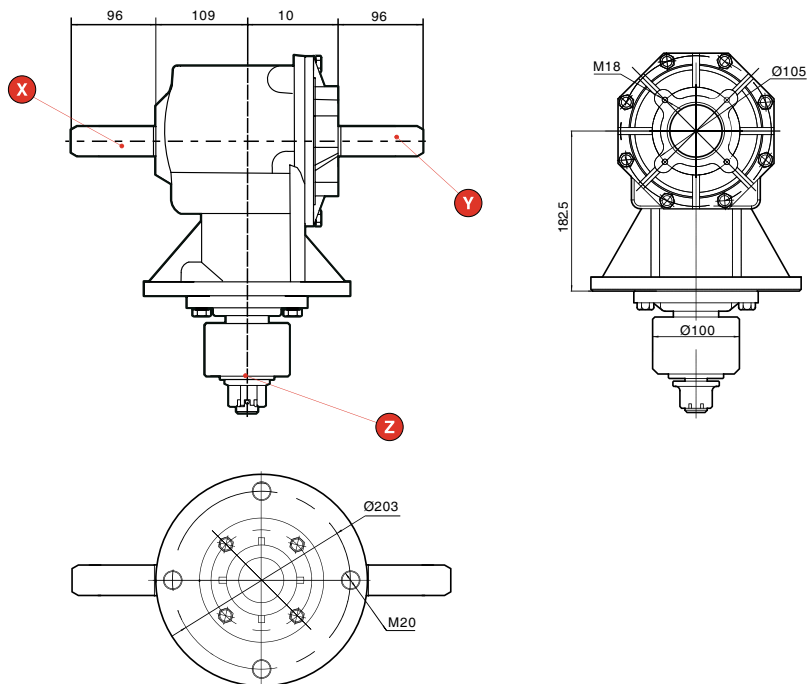
V-60



V-61 cod.C5



Dimensioni / Dimensions

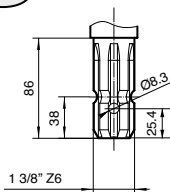


Caratteristiche tecniche / Technical data

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 Toothting	KG	LT	Alberi Shafts
1:1.46		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		540	1042	44.5/60	787	407					

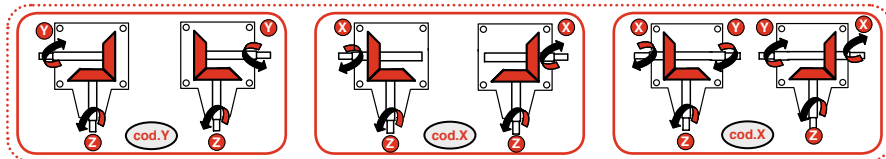
Alberi / Shafts

cod.01



X Y

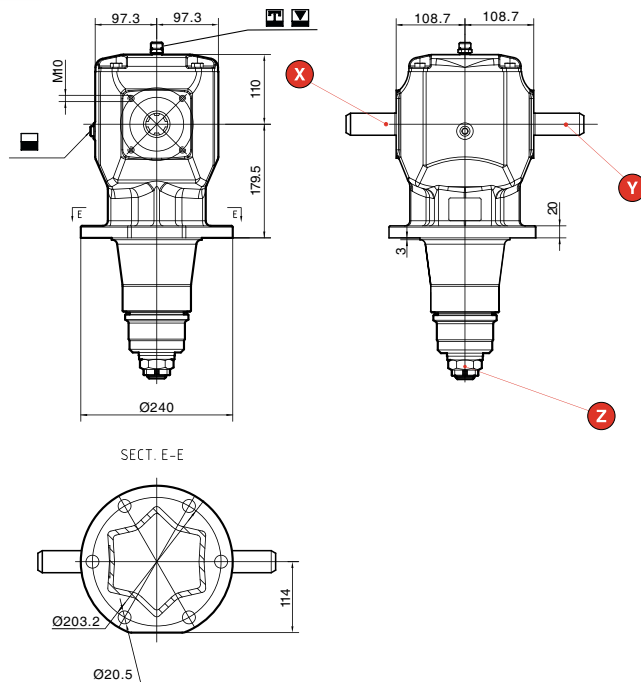
Sensi di rotazione alberi / Shaft direction



cod.R

Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit

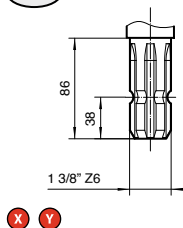

V-65 cod.C6

Dimensioni / Dimensions

Caratteristiche tecniche / Technical data

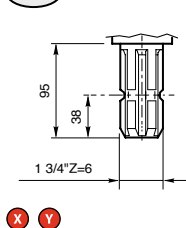
i	Input										
		n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
1:1.5		540 1000	810 1500	55/75 59/80	972 563	648 376	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	37	2.4	Vedi pagina seguente See next page
1:1.83		540 1000	988 1830	55/75 59/80	1043 863	570 308					

Alberi / Shafts

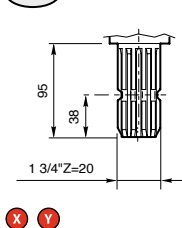
cod.01



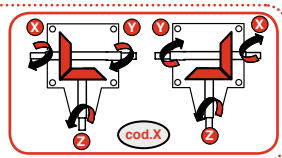
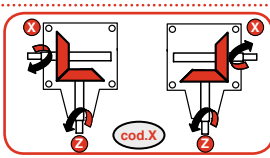
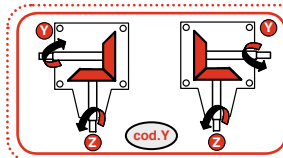
cod.03



cod.43



Sensi di rotazione alberi / Shaft direction



cod.R

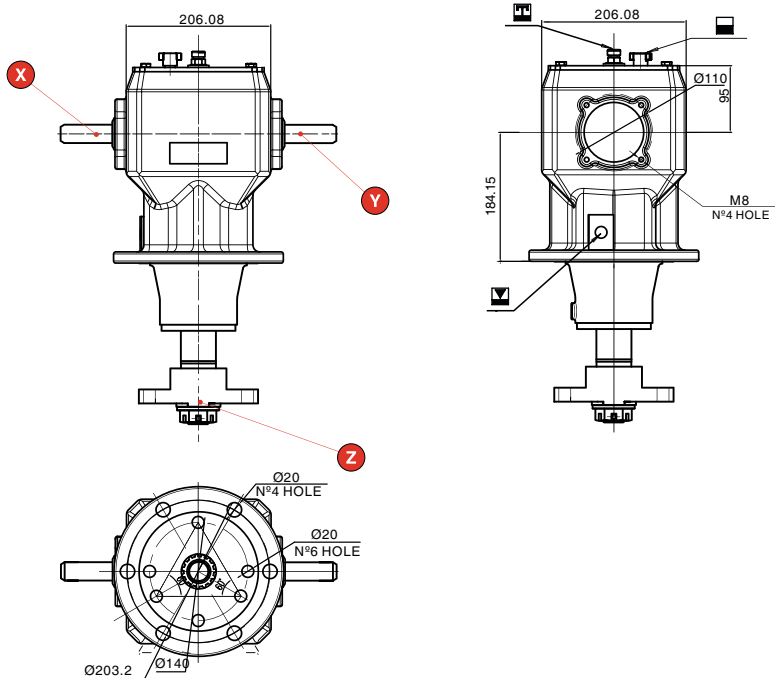
Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit



V-70 **cod.47**



Dimensioni / Dimensions

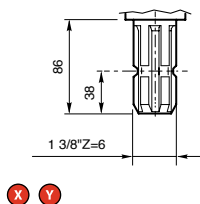


Caratteristiche tecniche / Technical data

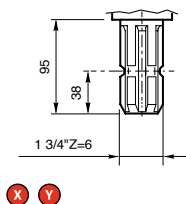
i	Input						Materiale Material	Dentatura Toothing				Alberi Shafts
	X/Y	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			KG	LT		
1:1.93	cod.32	540 1000	1024 1930	46/65 74/100	849 706	440 366	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	42	2.5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

Alberi / Shafts

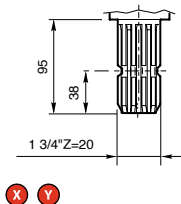
cod.01



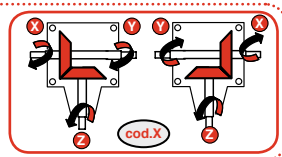
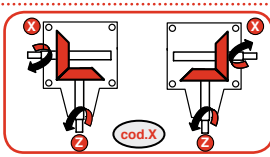
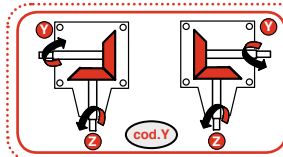
cod.03



cod.43



Sensi di rotazione alberi / Shaft direction



cod.R

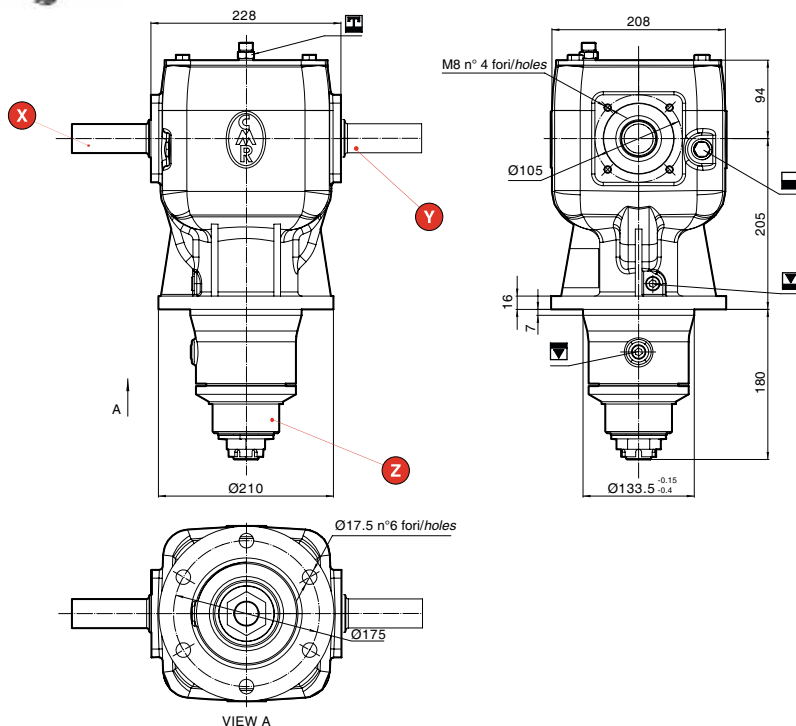
Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit



V-74 (cod.VL)



Dimensioni / Dimensions

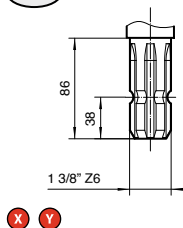


Caratteristiche tecniche / Technical data

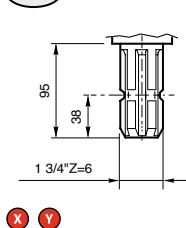
i	Input						Materiale Material	Dentatura Toothings				Alberi Shafts
	X/Y	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			KG	LT		
1:1.92	(cod.32)	540	1036	55/75	973	507	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth (cod.R)	39.5	/		Vedi pagina seguente See next page

Alberi / Shafts

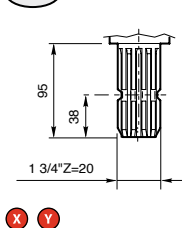
cod.01



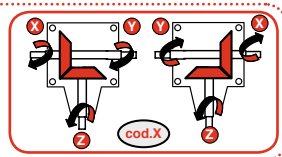
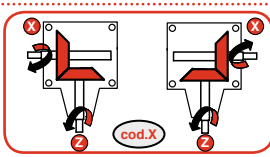
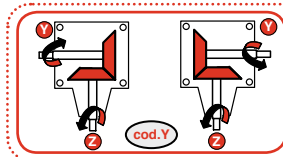
cod.03



cod.43



Sensi di rotazione alberi / Shaft direction



cod.R

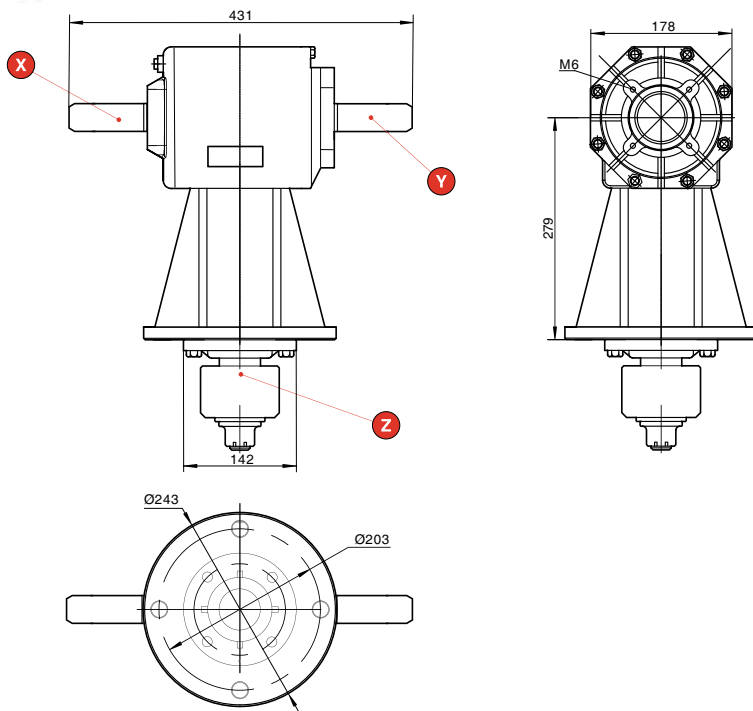
Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit



V-81 **cod.C8**



Dimensioni / Dimensions

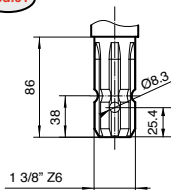


Caratteristiche tecniche / Technical data

i	Input										
		n _i rpm input	n ₂ rpm output	P _i Kw(HP)	T _i N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
1:1.46		540	788	45/60	795	545	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth 	45	/	Vedi pagina seguente See next page

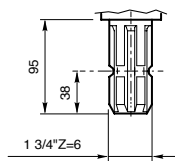
Alberi / Shafts

cod.01



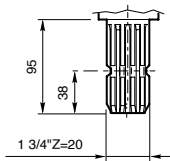
X Y

cod.03



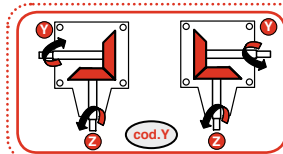
X Y

cod.43

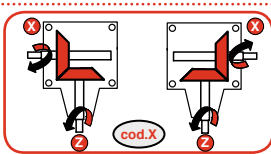


X Y

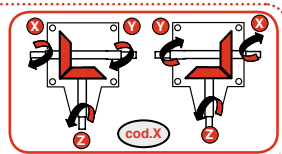
Sensi di rotazione alberi / Shaft direction



cod.Y



cod.X



cod.X

cod.R

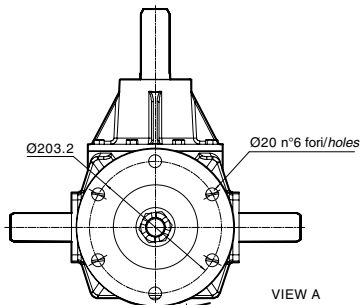
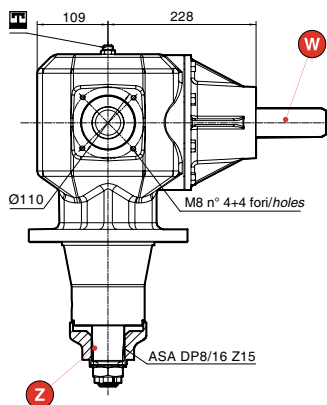
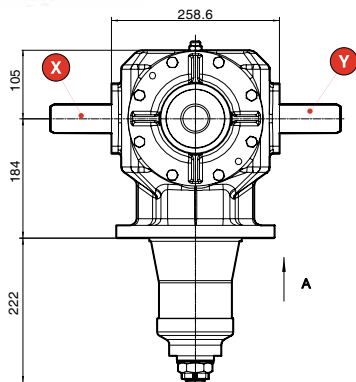
Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit



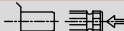
V-95 cod.V9



Dimensioni / Dimensions

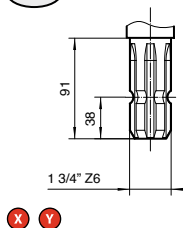


Caratteristiche tecniche / Technical data

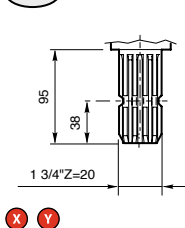
i	Input						Materiale Material	Dentatura Toothing			
	W	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			KG	LT	Alberi Shafts
1:1	cod.06	100	100	147/200	1404	1404	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	55.3	/	Vedi pagina seguente See next page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

Alberi / Shafts

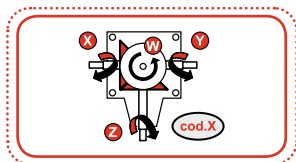
cod.01



cod.43



Sensi di rotazione alberi / Shaft direction



cod.R

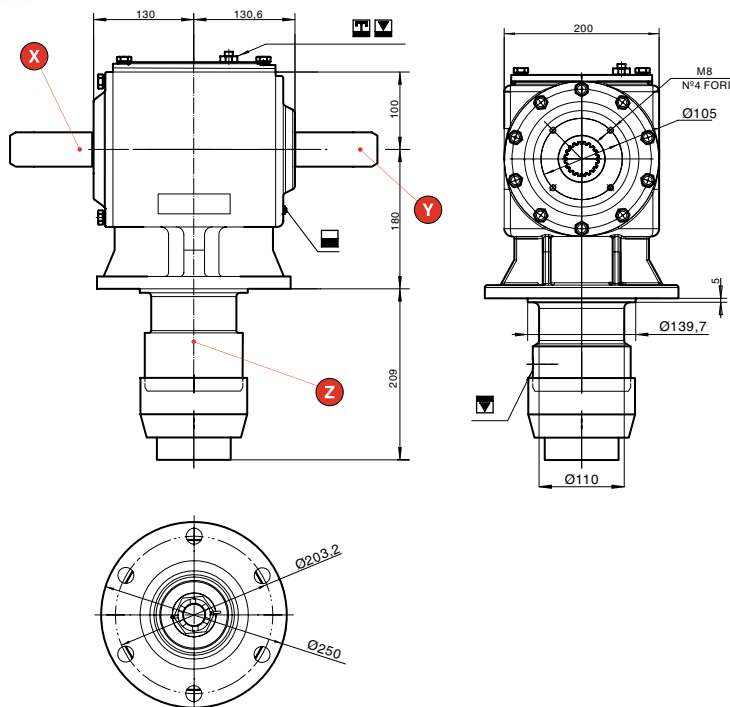
Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit



V-130 cod.C9



Dimensioni / Dimensions

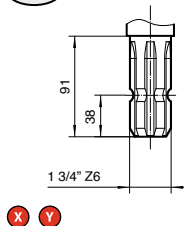


Caratteristiche tecniche / Technical data

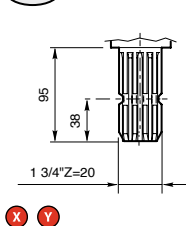
i	Input						Materiale Material	Dentatura Toothings				Alberi Shafts
	X / Y	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			KG	LT		
1:1.46	cod.09	540	788	97/130	1714	1174	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	55.3	/		Vedi pagina seguente See next page
1:1.93	cod.32	540	1042	75/102	1326	687						

Alberi / Shafts

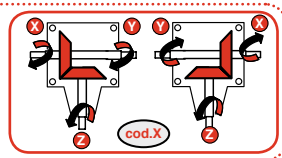
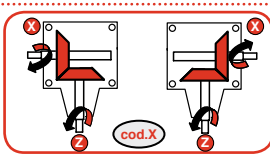
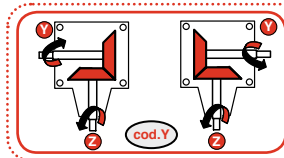
cod.03



cod.43



Sensi di rotazione alberi / Shaft direction



cod.R

Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit

SERIE S
S-60

200
S-60D SPEC

202
S-80

204
S-90

206
S-11

208
S-12

210
S-13

212
S-15

214

Codifica/Code							
Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
S	S	11	51	01	A1	98	C
S	cod.S	cod.11	cod.51	cod.01	cod.A1	cod.98	
	S	S11	8.85:1				c d s
	Giroandatori Rotary Rakes	..	..				
		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 / Dimensions

cod.11

Preparazione del terreno
Land preparation

Caratteristiche tecniche / Technical data

i	n ₁ [rpm]	n ₂ [rpm]	P ₁ [kW]	T ₁ [Nm]	T ₂ [Nm]	Materie Materials
3.25:1	cod.51				115	
1.9:1	cod.30	540	284	5	138	168

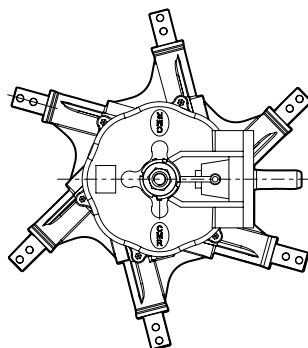
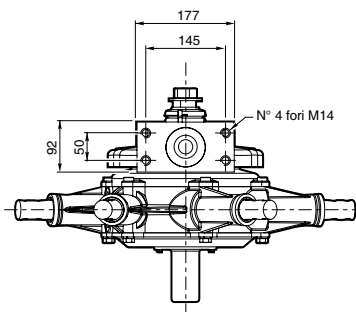


(C)

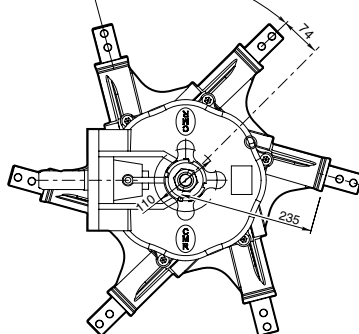
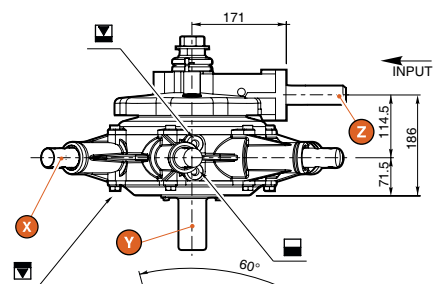
S-60 cod.06



Dimensioni / Dimensions



Sinistro/Left

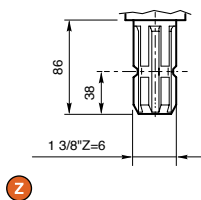

 Destro/Right
Centrale/Central

Caratteristiche tecniche / Technical data

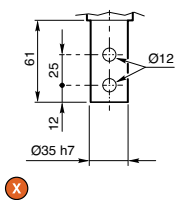
i	Input										
		n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
7.14:1		540	76	-	36	260	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth 	59.9	2.8	Vedi pagina seguente See next page

Alberi / Shafts

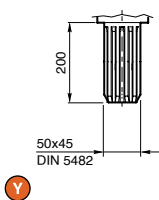
cod.01



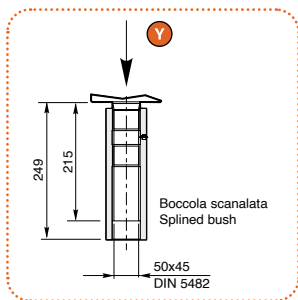
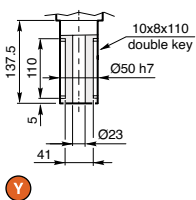
cod.A1



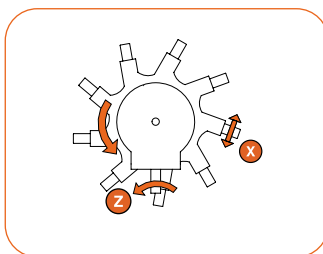
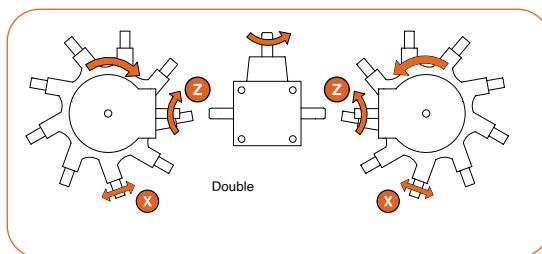
cod.73



cod.98



Sensi di rotazione alberi / Shaft direction



a sinistra
On the left

(S)

a destra
On the right

(D)

centrale
Central

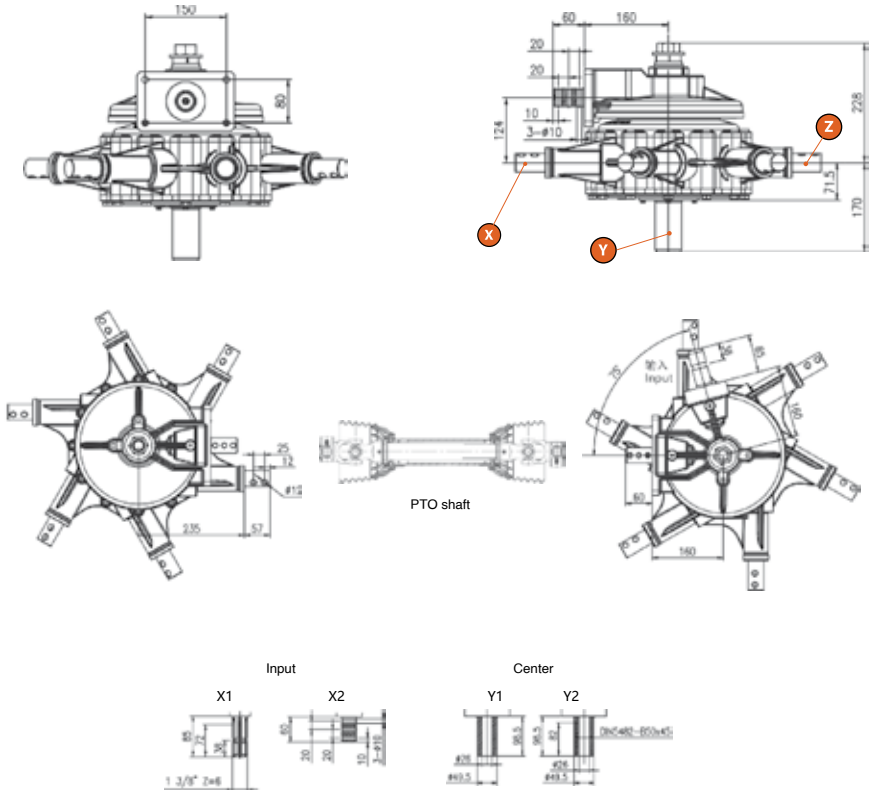
(C)

S-60D SPEC



Dimensioni / Dimensions

S60 doppio senza scatola centrale
S60 double without gearbox in the middle

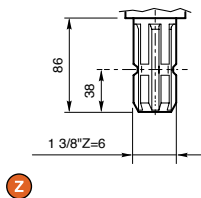


Caratteristiche tecniche / Technical data

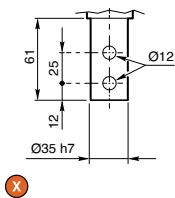
i	Input												
			n ₁ rpm Input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Material Material	Dentatura Toothing	KG	LT		
5.2:1			540	104	—	—	260	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	67	2.8	5	K

Alberi / Shafts

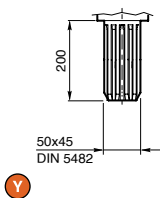
cod.01



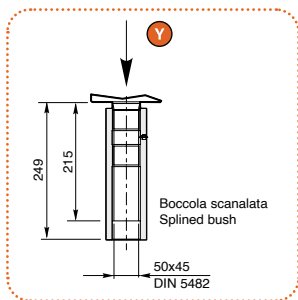
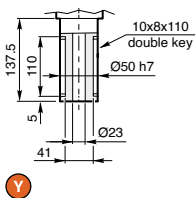
cod.A1



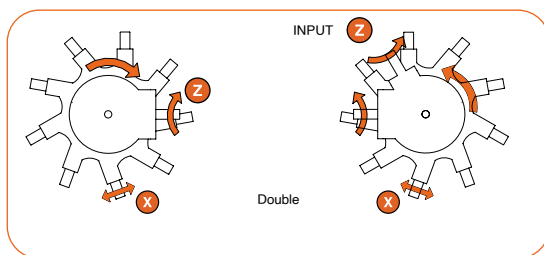
cod.73



cod.98



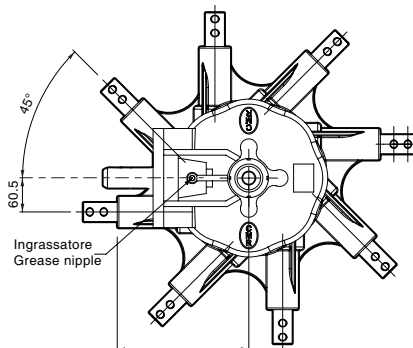
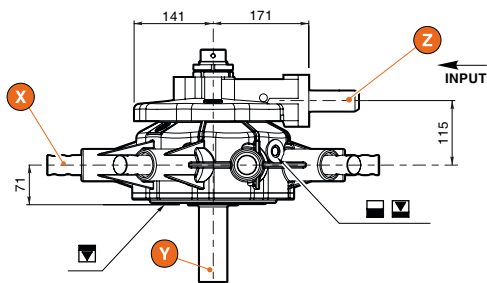
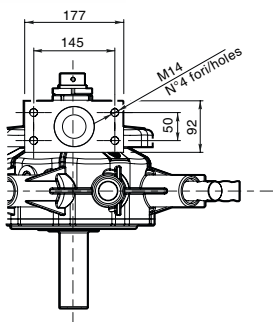
Sensi di rotazione alberi / Shaft direction



S-80 (cod.08)

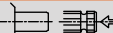


Dimensioni / Dimensions



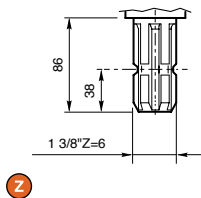
Destro/Right
Centrale/Central

Caratteristiche tecniche / Technical data

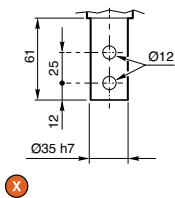
i	Input						Materiale Material	Dentatura Toothings			
	Z	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			KG	LT	Alberi Shafts
7.14.1	(cod.85)	540	76	-	36	260	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth (cod.Y)	67	2.5	Vedi pagina seguente See next page

Alberi / Shafts

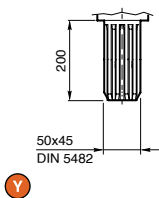
cod.01



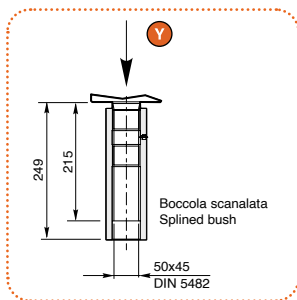
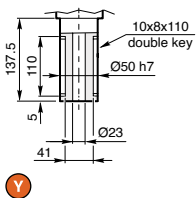
cod.A1



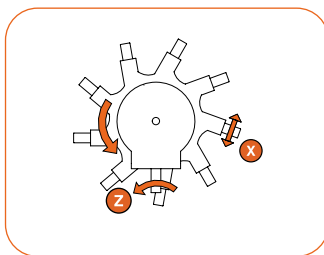
cod.73



cod.98



Sensi di rotazione alberi / Shaft direction



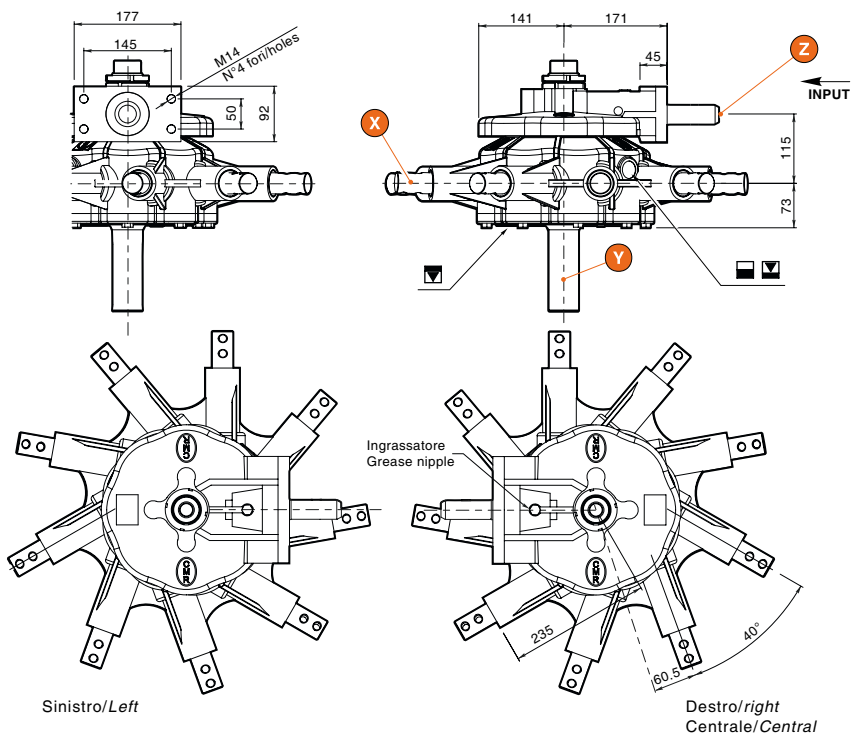
centrale
Central

(C)

S-90 (cod.09)



Dimensioni / Dimensions

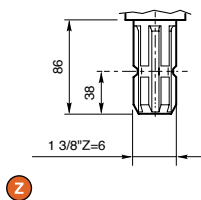


Caratteristiche tecniche / Technical data

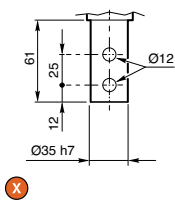
i	Input										
	Z	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
7.14:1	(cod.09)	540	76	-	36	260	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth (cod.Y)	75	2.6	Vedi pagina seguente See next page

Alberi / Shafts

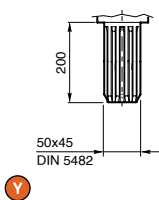
cod.01



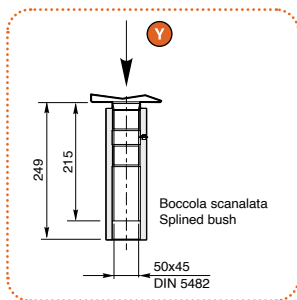
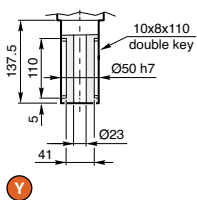
cod.A1



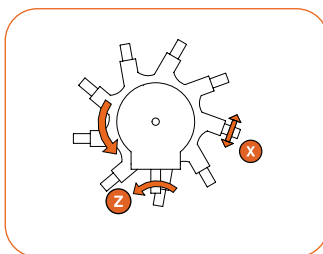
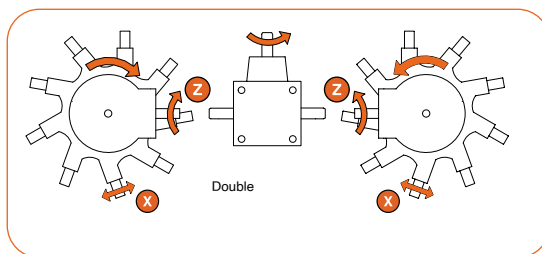
cod.73



cod.98



Sensi di rotazione alberi / Shaft direction



a sinistra
On the left

(S)

a destra
On the right

(D)

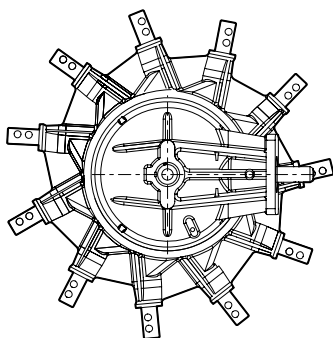
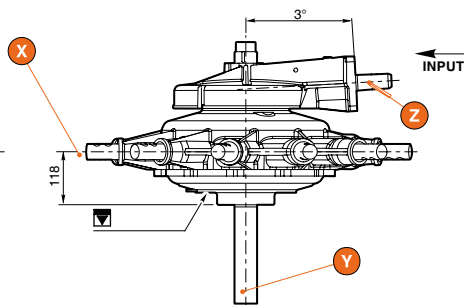
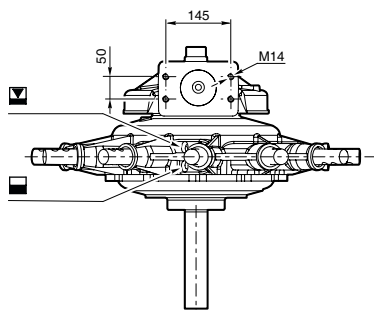
centrale
Central

(C)

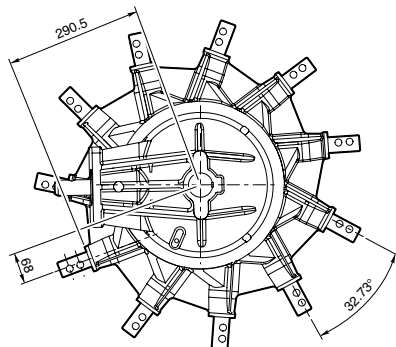
S-11 cod.11



Dimensioni / Dimensions



Sinistro/Left



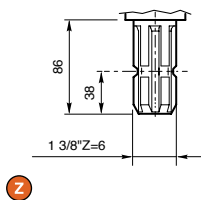
Destro/right
Centrale/Central

Caratteristiche tecniche / Technical data

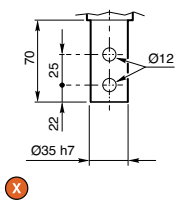
i	Input										
		n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
8.85:1		540	63	-	30	260	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth 	108	6.0	Vedi pagina seguente See next page

Alberi / Shafts

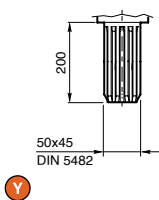
cod.01



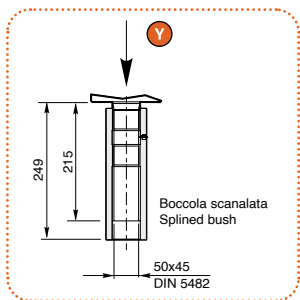
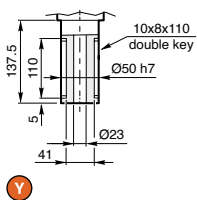
cod.A2



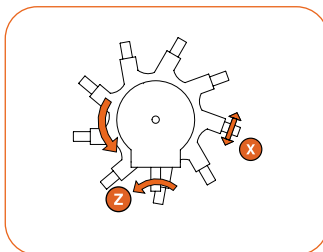
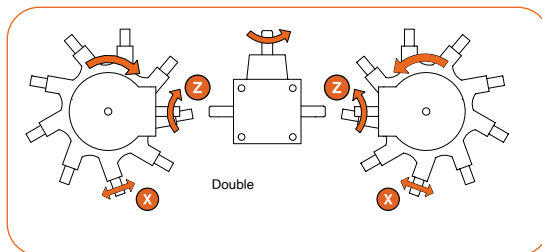
cod.73



cod.98



Sensi di rotazione alberi / Shaft direction



a sinistra
On the left

(S)

a destra
On the right

(D)

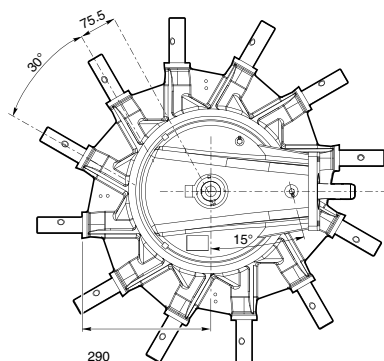
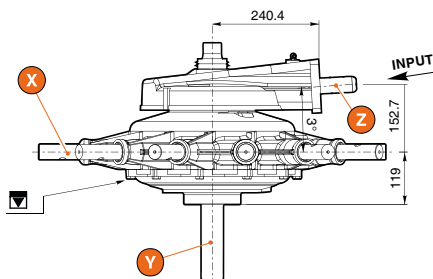
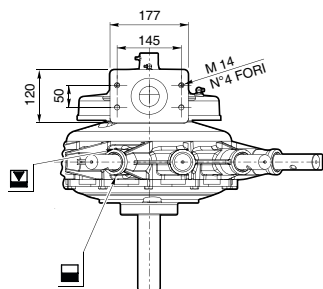
centrale
Central

(C)

S-12 cod.12

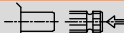


Dimensioni / Dimensions



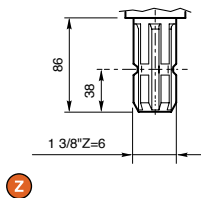
Centrale/Central

Caratteristiche tecniche / Technical data

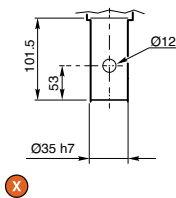
i	Input						Materiale Material	Dentatura Toothings			
	Z	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			KG	LT	Alberi Shafts
8.85:1	cod.85	540	67	-	30	260	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth cod.Y	127	6.2	Vedi pagina seguente See next page

Alberi / Shafts

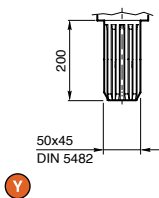
cod.01



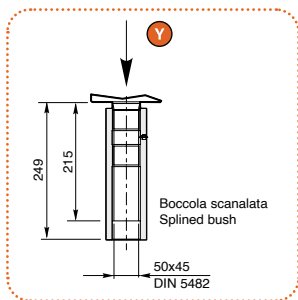
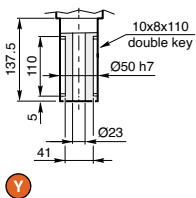
cod.A3



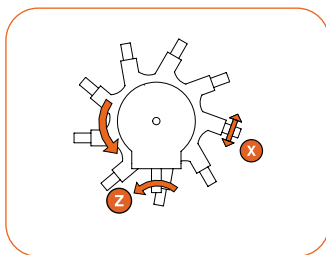
cod.73



cod.98



Sensi di rotazione alberi / Shaft direction



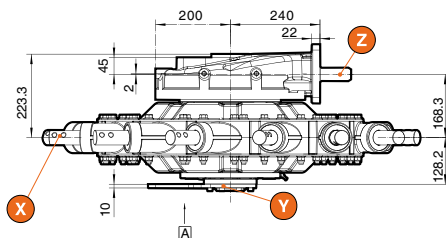
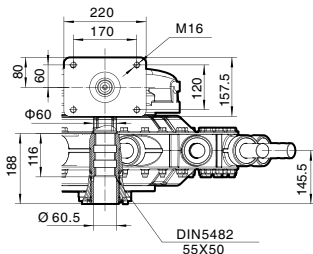
centrale
Central

(C)

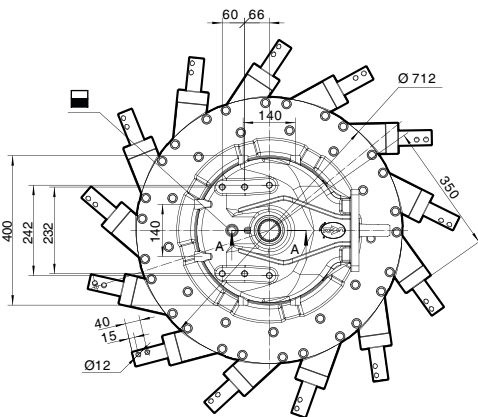
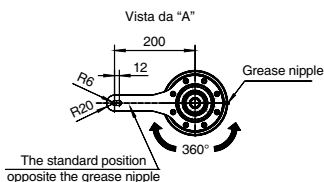
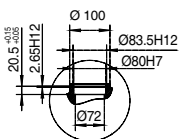
S-13 cod.13



Dimensioni / Dimensions



Dettaglio B

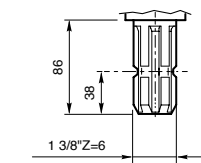


Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing			
	Z	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			KG	LT	Alberi Shafts
9.88.1	cod.98	540	56	-	27	265	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth cod.Y	188	2	Vedi pagina seguente See next page

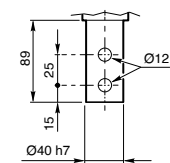
Alberi / Shafts

cod.01



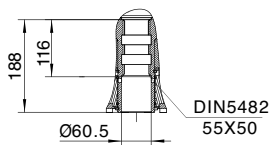
Z

cod.A5



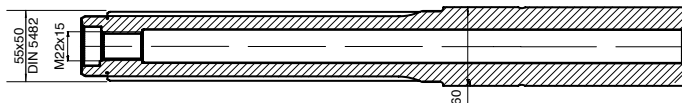
X

cod.51

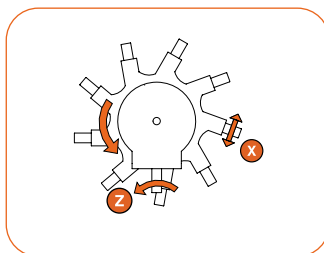
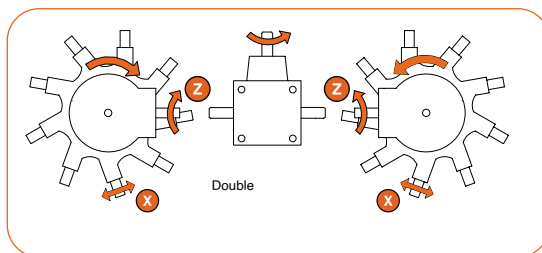


Y

SC1320000002



Sensi di rotazione alberi / Shaft direction



a sinistra
On the left

(S)

a destra
On the right

(D)

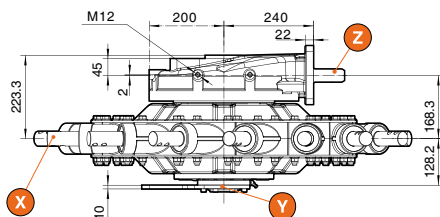
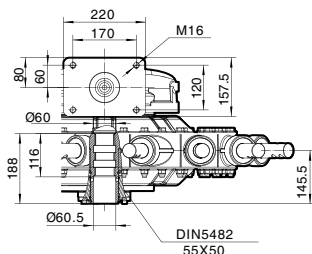
centrale
Central

(C)

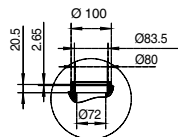
S-15 cod.12



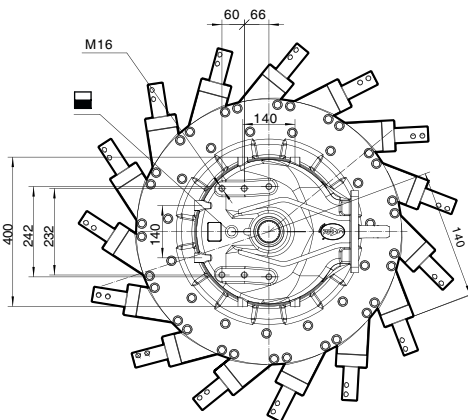
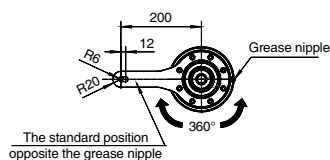
Dimensioni / Dimensions



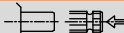
Dettaglio B



Vista da "A"

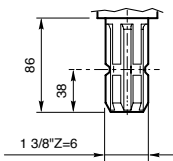


Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing			
	Z	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			KG	LT	Alberi Shafts
9.88.1	cod.56	540	56	-	27	265	Ghisa GS400 Ductile Cast iron	Gleason denti elicoideali Gleason Helical Teeth cod.Y	195	2	Vedi pagina seguente See next page

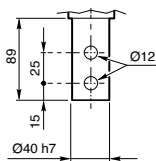
Alberi / Shafts

cod.01



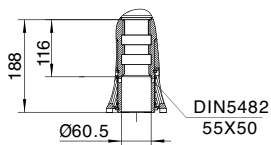
Z

cod.A5



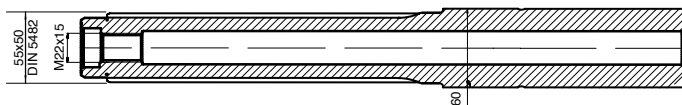
X

cod.51

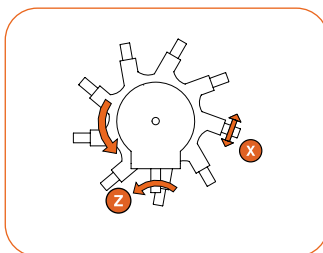
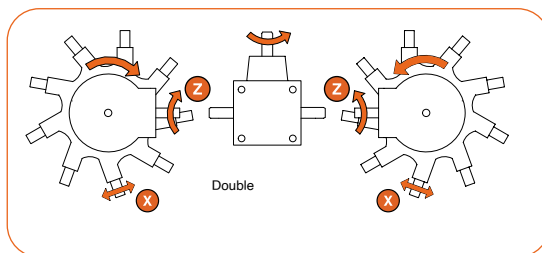


Y

SC13200000002



Sensi di rotazione alberi / Shaft direction



a sinistra
On the left

(S)

a destra
On the right

(D)

centrale
Central

(C)

SERIE G

G-18



218

G-19



220

G-40



222

G-60



224

Codifica/Code

Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
S	R	85	58	01	64	00	X
S	cod.R ↑ R Denti dritti senza ruota libera Straight Teeth without Free Wheel	cod.85 ↑ G18 ..	cod.58 ↑ 1:1.77 ..	cod.01 ↑ 	cod.64 ↑ 	cod.00 ↑	↑ 

vedi pagine dedicate
see dedicated page



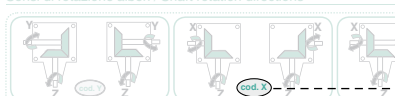
cod. 2

Dimensioni / Dimensions

Caratteristiche tecniche / Technical data

i	n ₁ [rpm]	n ₂ [rpm]	P ₁ [kW]	T _{1n} [Nm]	T _{2n} [Nm]	Materiale Material
5, 20, 1	cod. 58					
1, 9, 1	cod. 58	540	204	5	138	168

Sensi di rotazione alberi / Shaft rotation directions



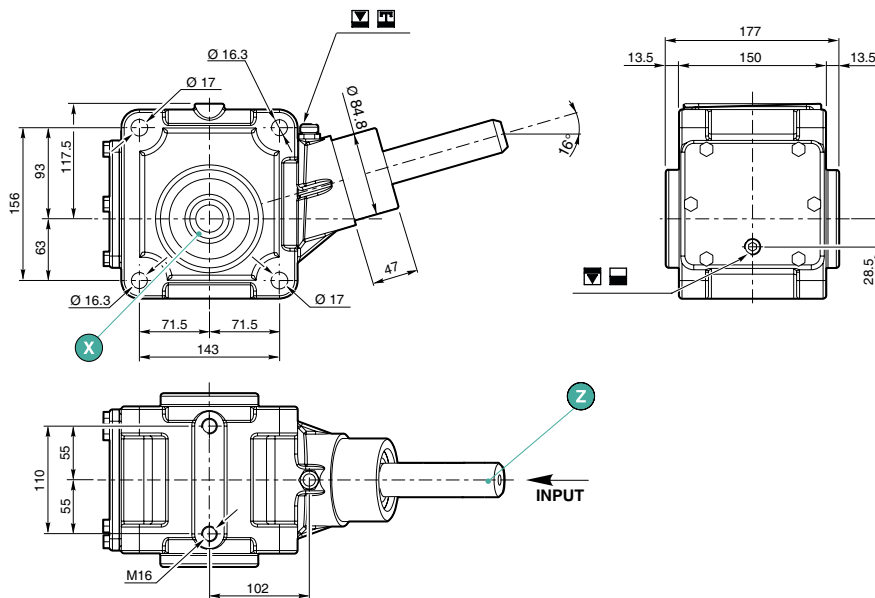
cod. R

1: Reverse idling
Simple single drive unit

G-18 cod.85



Dimensioni / Dimensions

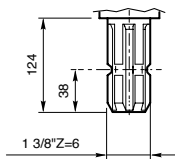


Caratteristiche tecniche / Technical data

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 Toothings	KG	LT	Alberi Shafts
1.77:1		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

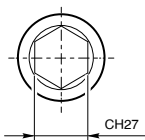
Alberi / Shafts

cod.01



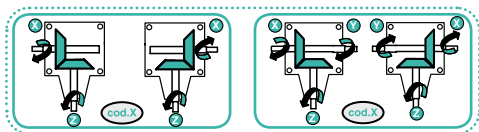
Z

cod.64



X

Sensi di rotazione alberi / Shaft direction



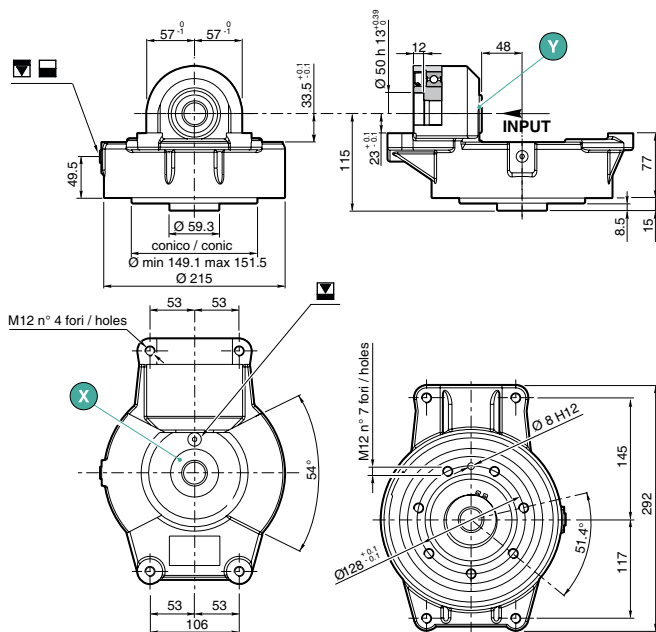
cod.R

Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit

G-19 cod.84



Dimensioni / Dimensions

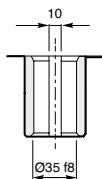


Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothings			
	Y	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T _i N.m(input)	T ₂ N.m(output)			KG	LT	Alberi Shafts
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

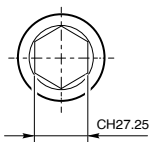
Alberi / Shafts

cod.11



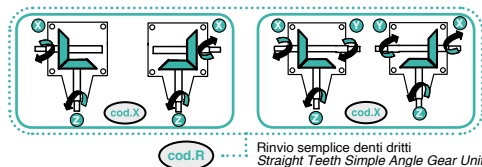
Z

cod.64



X

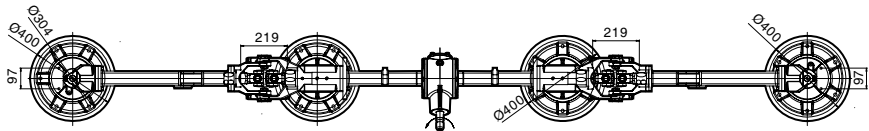
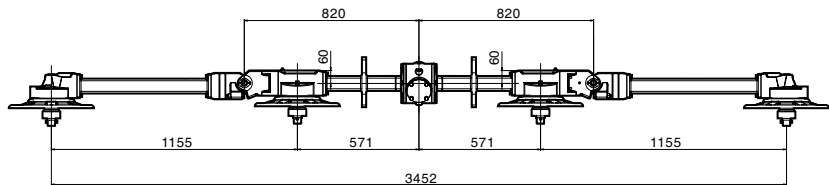
Sensi di rotazione alberi / Shaft direction



G-40 cod.G4



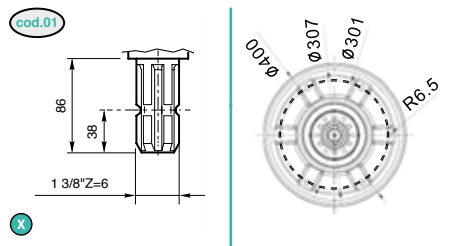
Dimensioni / Dimensions



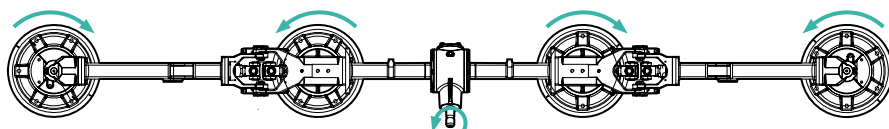
Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothings			
	z	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			KG	LT	Alberi Shafts
2.86:1	cod.28	540	188	24(33)	424	1213	Ghisa GS400 Ductile Cast iron	Denti dritti Helical Teeth	195		Vedi pagina seguente See next page

Alberi / Shafts



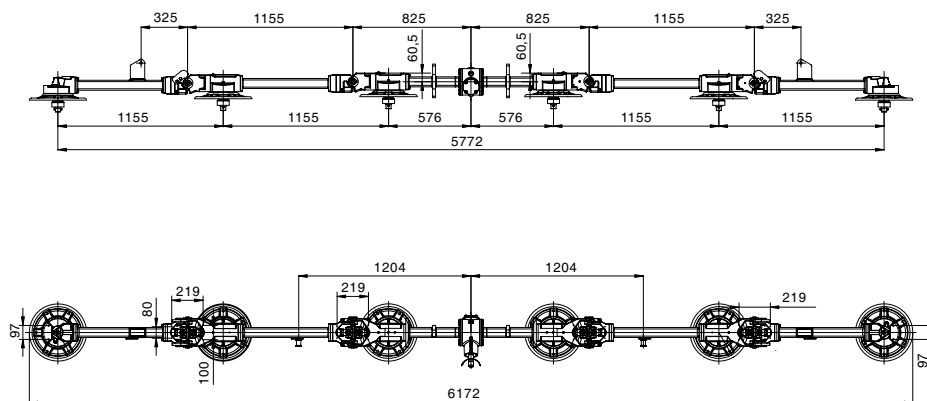
Sensi di rotazione alberi / Shaft direction



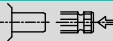
G-60 cod.G6



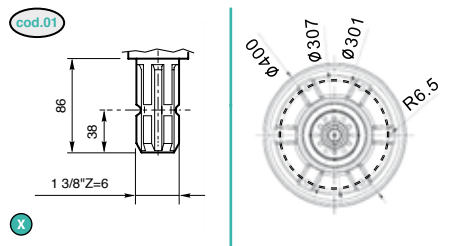
Dimensioni / Dimensions



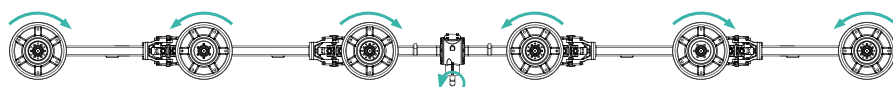
Caratteristiche tecniche / Technical data

i	Input										
		n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Tooththing	KG	LT	Alberi Shafts
2.86:1		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



228

RBC250



230

Codifica/Code

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



RB18 cod.T1

Dimensioni / Dimensions

Caratteristiche tecniche / Technical data						
i	n ₁	n ₂	P ₁	T _{1m}	T _{1h}	Materiale
	[rpm]	[rpm]	[kW]	[Nm]	[Nm]	
3.25:1	cod.38					
1.9:1	cod.20	540	224	5	138	168

cod.38

cod.12

cod.10

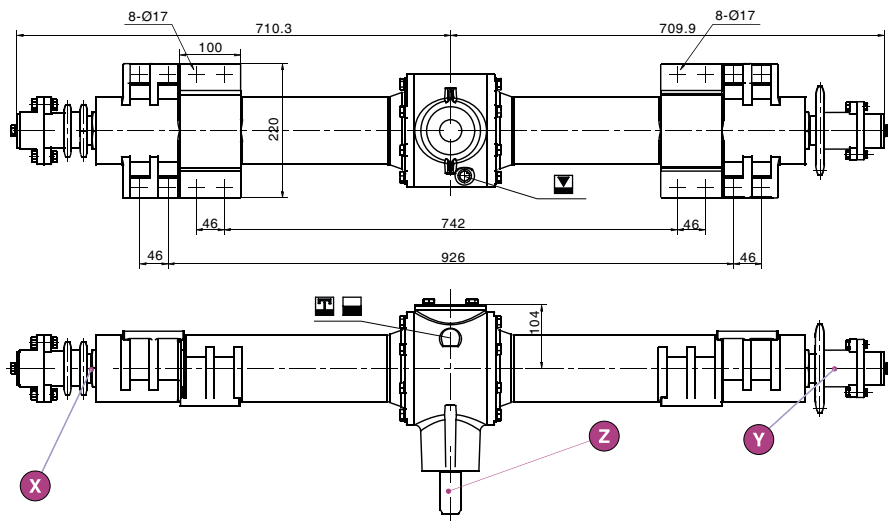


cod.1

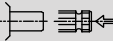
RBC185 cod.T1



Dimensioni / Dimensions

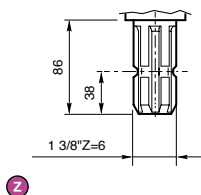


Caratteristiche tecniche / Technical data

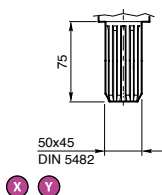
i	Input										
	Z	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
2.07:1	cod.36	540	259	51/70	619	1281	Ghisa GS400 Ductile Cast iron		120		Vedi pagina seguente See next page

Alberi / Shafts

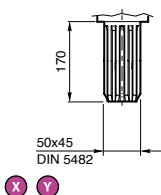
cod.01



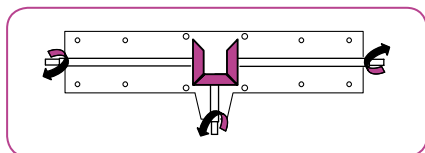
cod.70



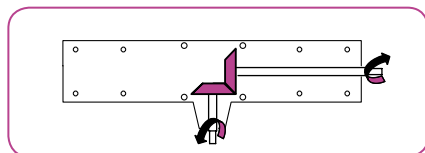
cod.71



Sensi di rotazione alberi / Shaft direction



cod.V

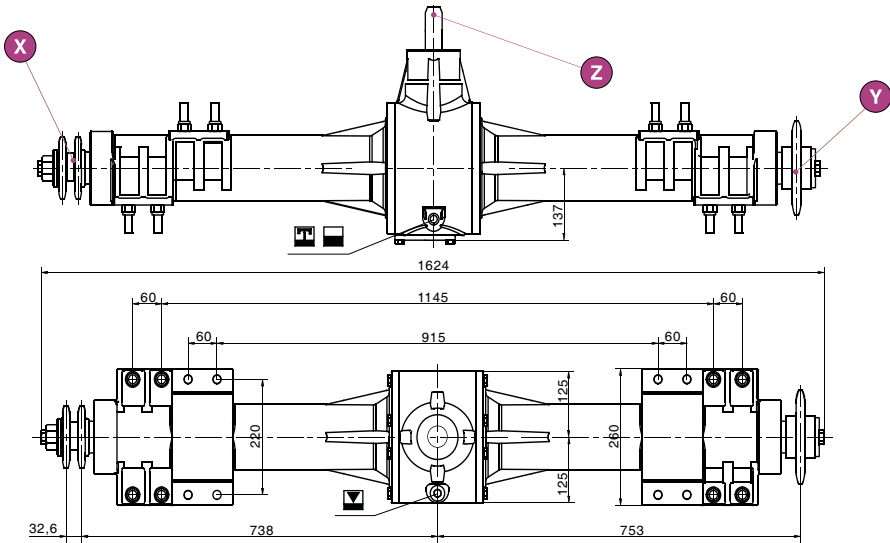


cod.X

RBC250



Dimensioni / Dimensions

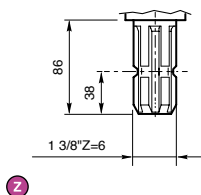


Caratteristiche tecniche / Technical data

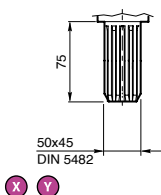
i	Input										
		n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
2.07:1		540	260	81(110)	1433	2965	Ghisa GS400 Ductile Cast iron		175		Vedi pagina seguente See next page

Alberi / Shafts

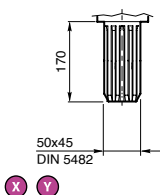
cod.01



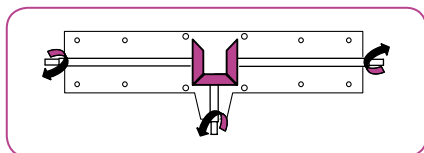
cod.70



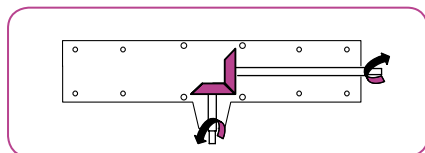
cod.71



Sensi di rotazione alberi / Shaft direction



cod.V



cod.X

Note

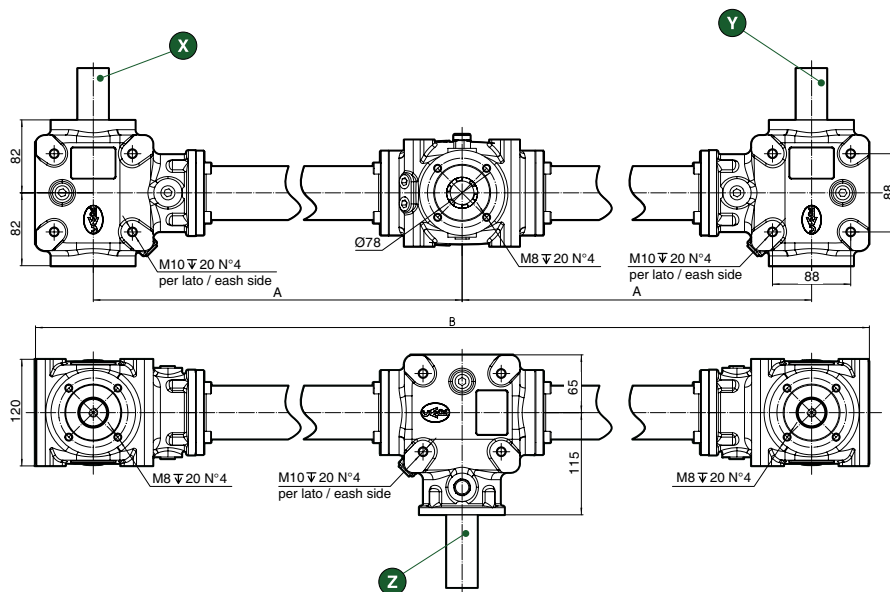
[illegible]

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

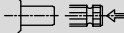
SP-20



Dimensioni / Dimensions

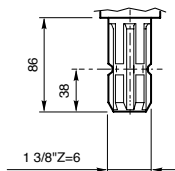


Caratteristiche tecniche / Technical data

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)	T ₂ N.m(output)				
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 (cod.Y) Gleason denti dritti Gleason Straight Teeth (cod.R)	575	1280	Vedi pagina seguente See next page

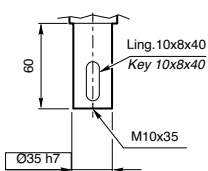
Alberi / Shafts

cod.01



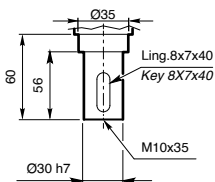
X Y Z

cod.11



X Y Z

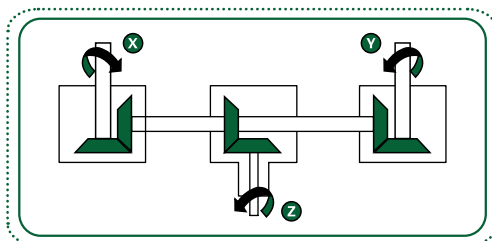
cod.15



X Y Z

SP-20

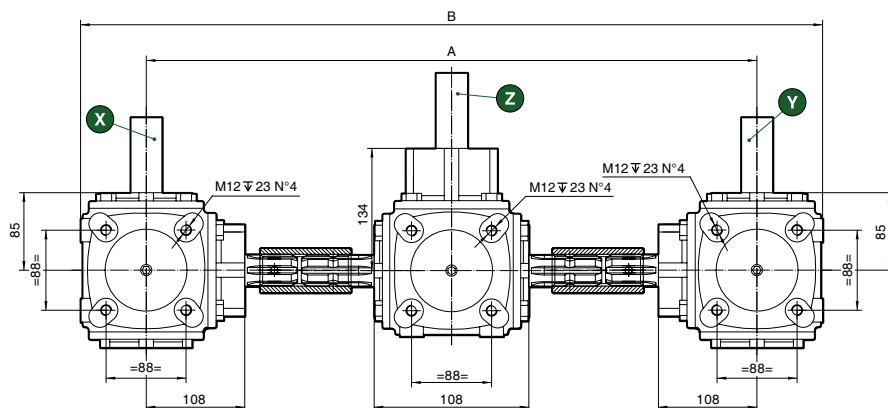
Sensi di rotazione alberi / Shaft direction



SP-36



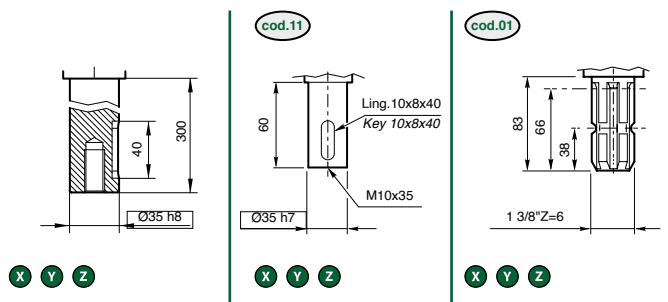
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

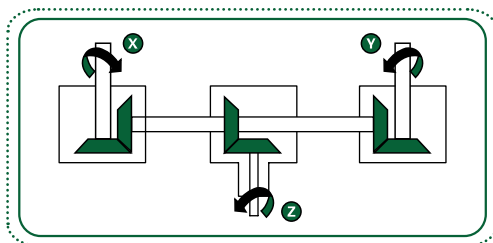
i	Input										
	Z	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	A	B	Alberi Shafts
1:1	cod.06	540	540	16.9(23)	298	298	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	670	814	Vedi pagina seguente See next page

Alberi / Shafts



SP-36

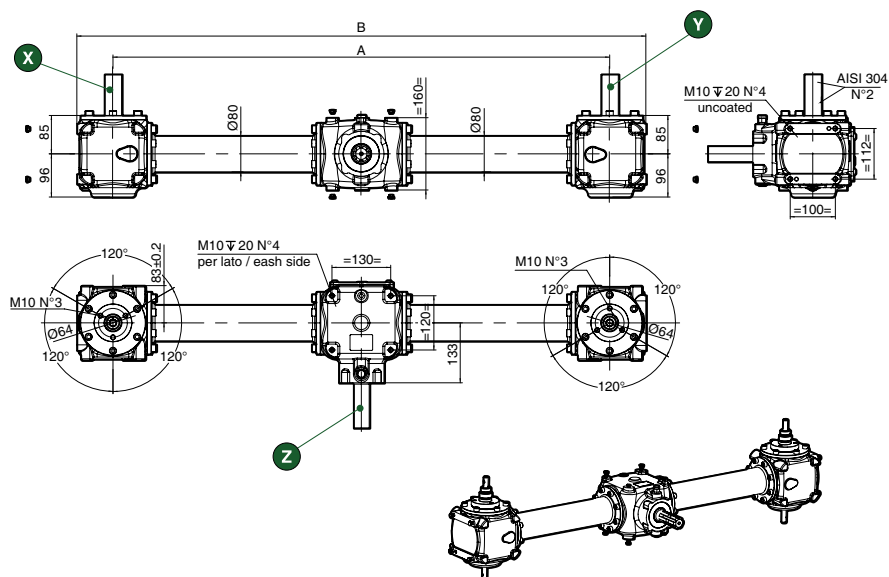
Sensi di rotazione alberi / Shaft direction



SP-45



Dimensioni / Dimensions

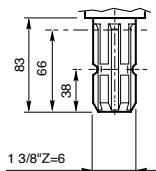


Caratteristiche tecniche / Technical data

i	Input										
	 Z	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	A	B	Alberi Shafts
1:1		540	540	35(48)	619	619	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth 	770	619	Vedi pagina seguente See next page
1:1.27		750	950	26(35)	331	261			331	261	
1:1.76		540	950	23(31)	407	231			1100	231	
1:1.46		540	788	40(54.4)	707	485			1150	485	

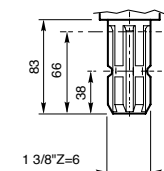
Alberi / Shafts

cod.01



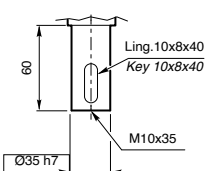
Z

cod.01



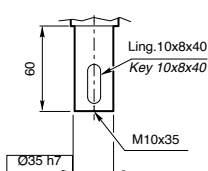
X Y

cod.11



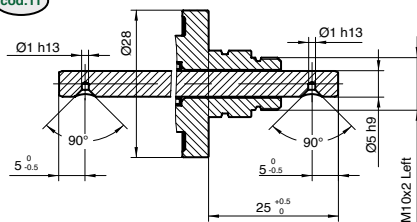
X Y

cod.11



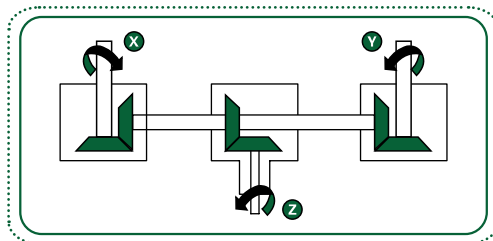
X Y

cod.11



X Y

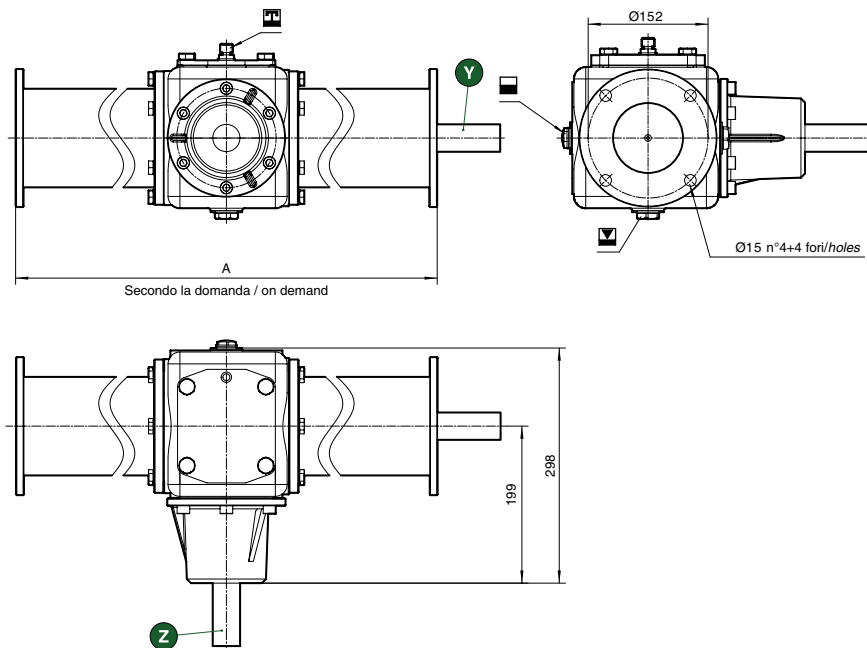
Sensi di rotazione alberi / Shaft direction



SO-55



Dimensioni / Dimensions



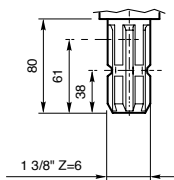
Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing	A	B	Alberi Shafts
	z	n _i rpm input	n _s rpm output	P _i Kw(HP)	T _i N.m(input)	T _s 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

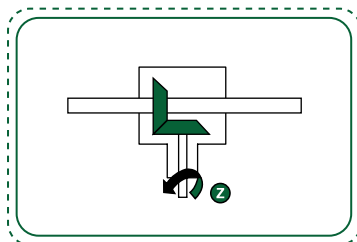


Z

A richiesta cliente
According to the customer's requirement

SO-55

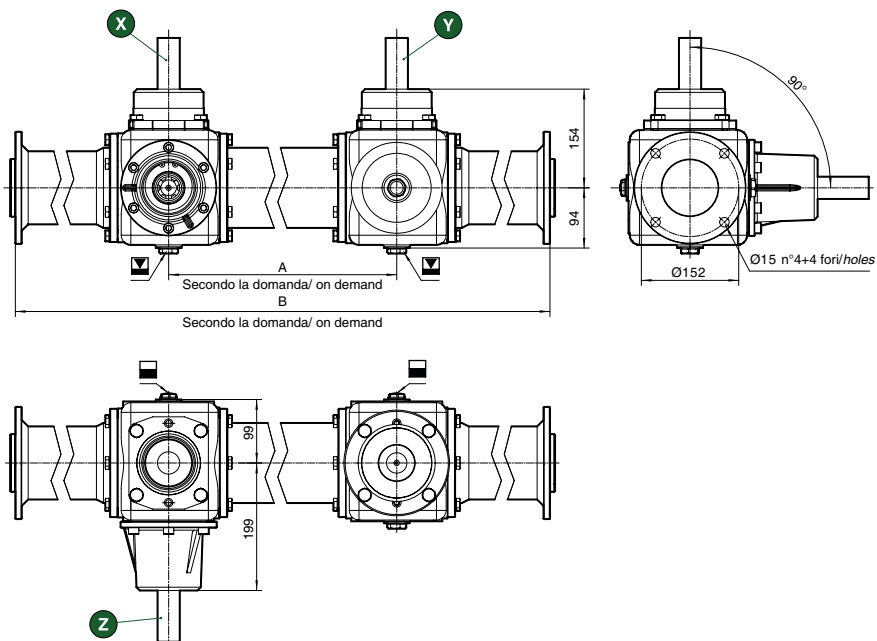
Sensi di rotazione alberi / Shaft direction



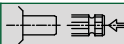
SP01-55



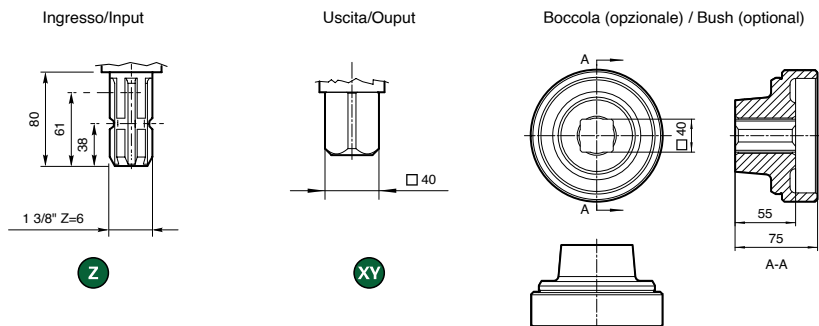
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

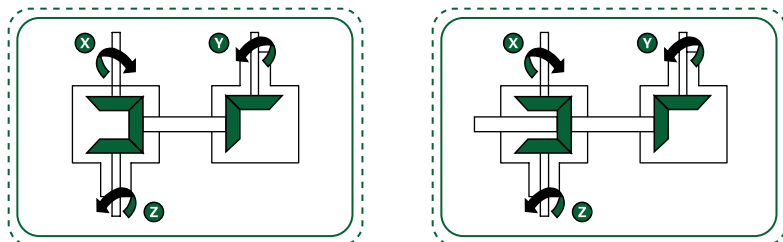
i	Input										
	Z	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	A	B	Alberi Shafts
1:1	cod.06	540	540	40(50)	778	778	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	565 600 650		Vedi pagina seguente See next page

Alberi / Shafts



SP01-55

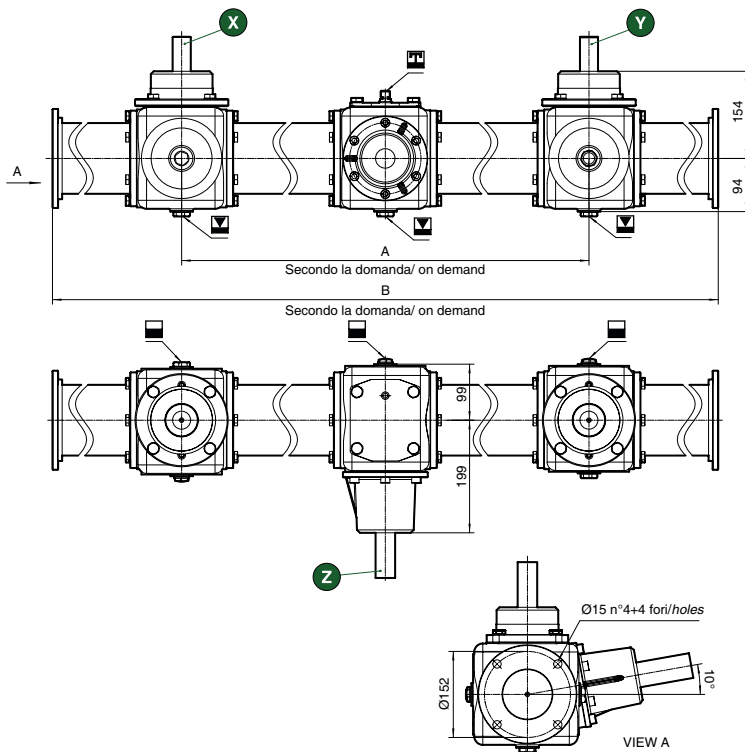
Sensi di rotazione alberi / Shaft direction



SP02-55



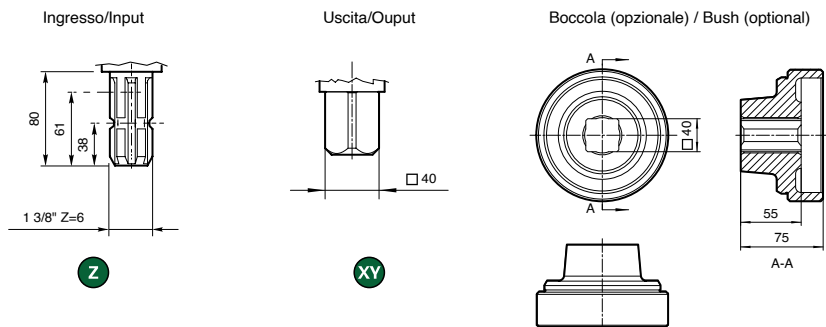
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

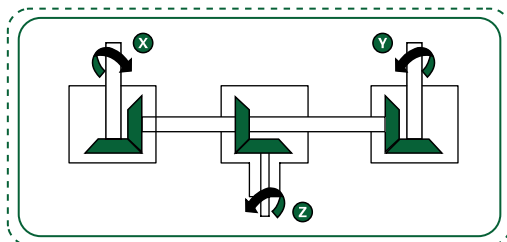
i	Input										
	Z	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	A	B	Alberi Shafts
1:1	cod.06	540	540	40(50)	707	707	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	770	1710	Vedi pagina seguente See next page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

Alberi / Shafts



SP02-55

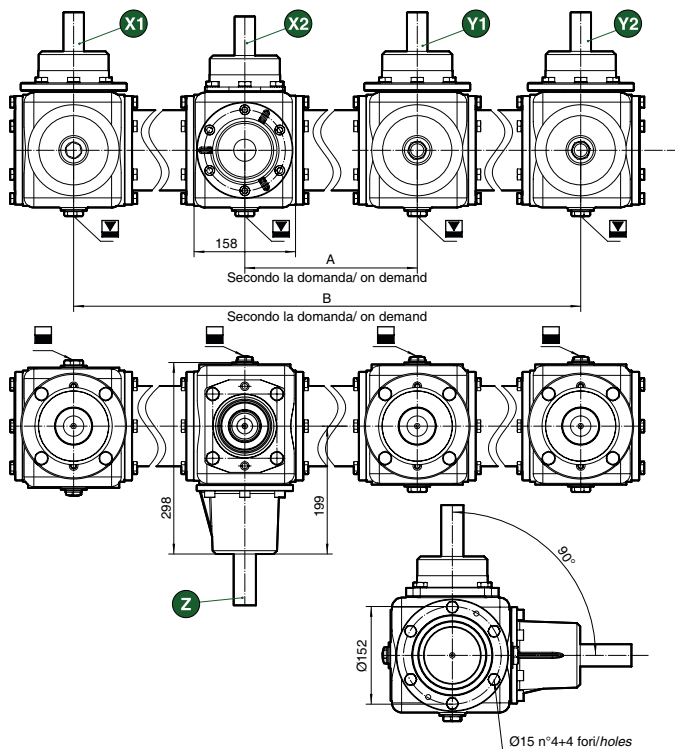
Sensi di rotazione alberi / Shaft direction



SP04-55



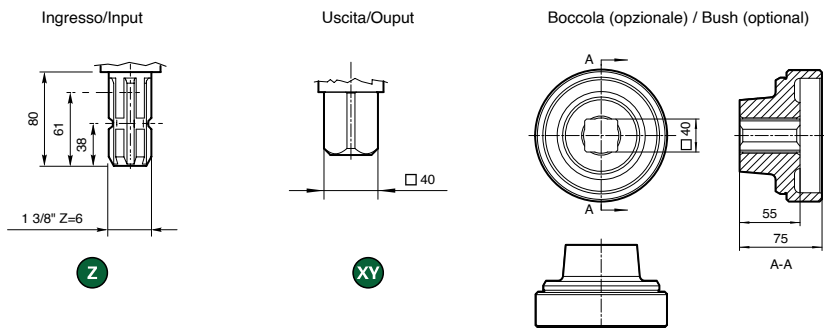
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

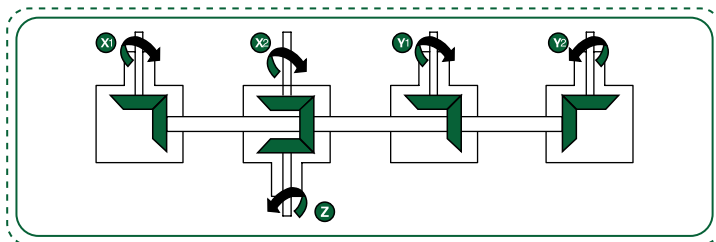
i	Input						Materiale Material	Dentatura Toothing	A	B		Alberi Shafts
	z	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)						
1:1	cod.06	540	540	40(55)	715	715	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	360	1110		Vedi pagina seguente See next page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

Alberi / Shafts



SP04-55

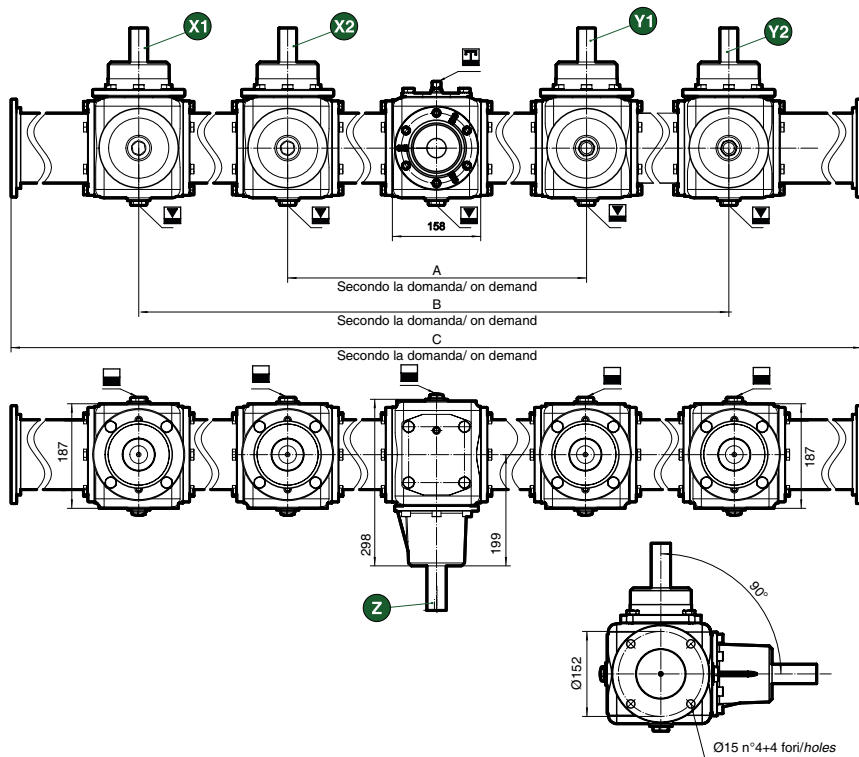
Sensi di rotazione alberi / Shaft direction



SPC04-55



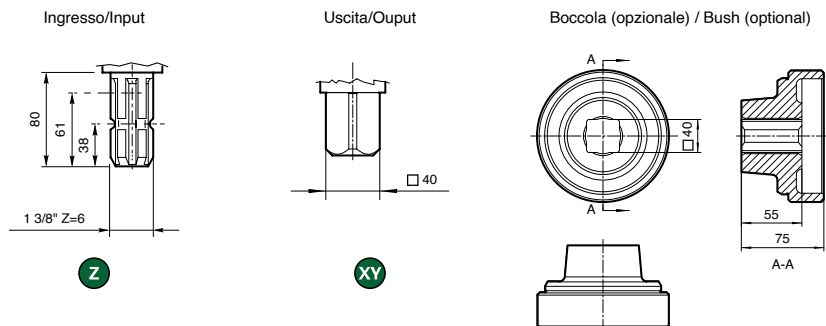
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

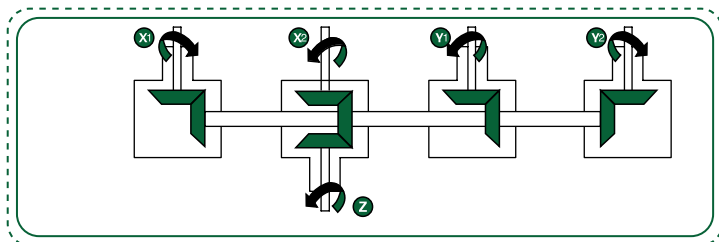
i	Input											
	Z	n _i rpm input	n _s rpm output	P _i Kw(HP)	T _i N.m(input)	T _s N.m(output)	Materiale Material	Dentatura Toothings	A	B	C	Alberi Shafts
1:1	cod.06	540	540	40(55)	707	707	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	560 440	1590 1380	2220 1380	Vedi pagina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

Alberi / Shafts



SPC04-55

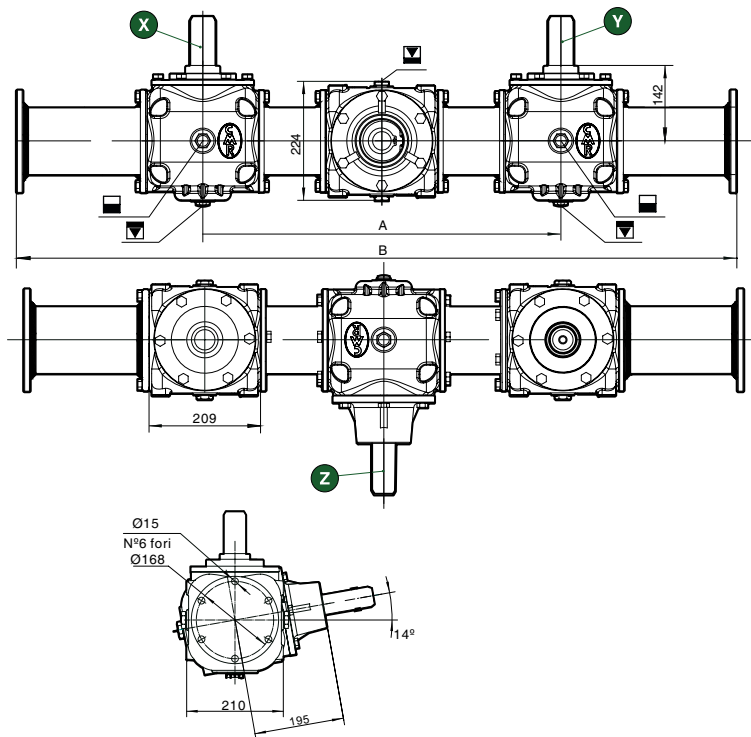
Sensi di rotazione alberi / Shaft direction



SP-085



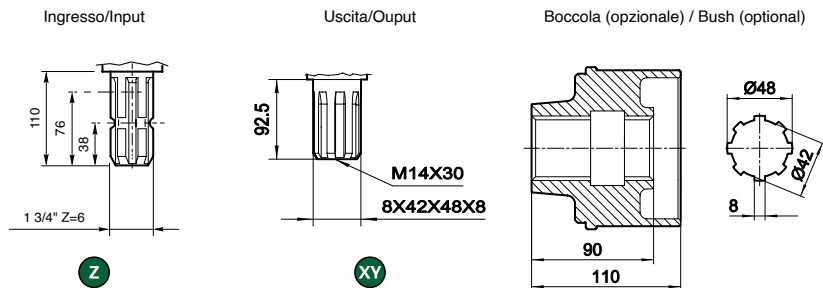
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

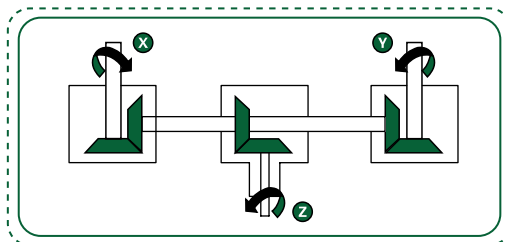
i	Input						Materiale Material	Dentatura Tooththing				Alberi Shafts
	Z	n _i rpm input	n _s rpm output	P _i Kw(HP)	T _i N.m(input)	T _s N.m(output)			A	B		
1.38:1	cod.28	540	390	62(85)	1100	1518	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	620	1493		Vedi pagina seguente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

Alberi / Shafts



SP-085

Sensi di rotazione alberi / Shaft direction

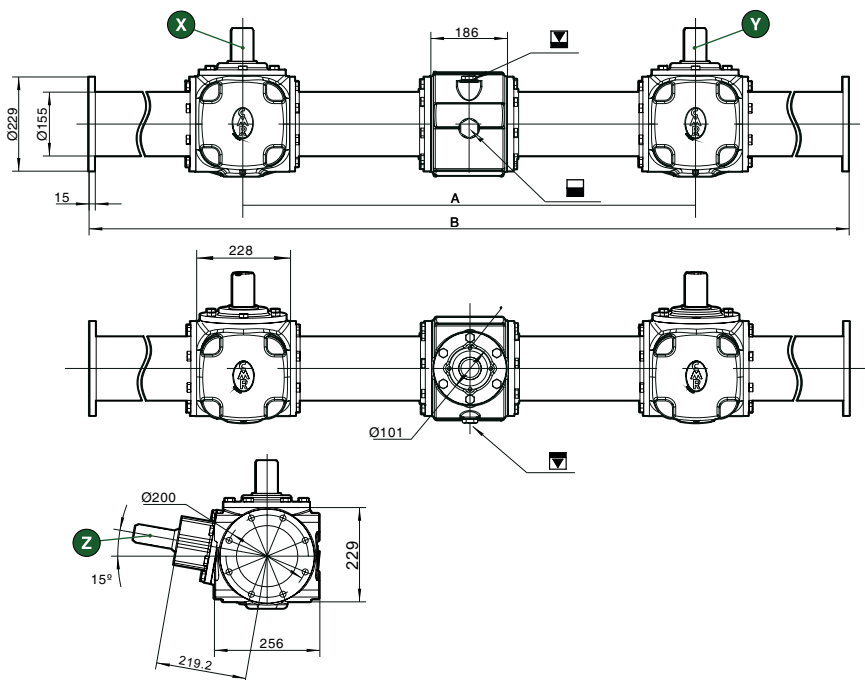


SP-140

cod.CG



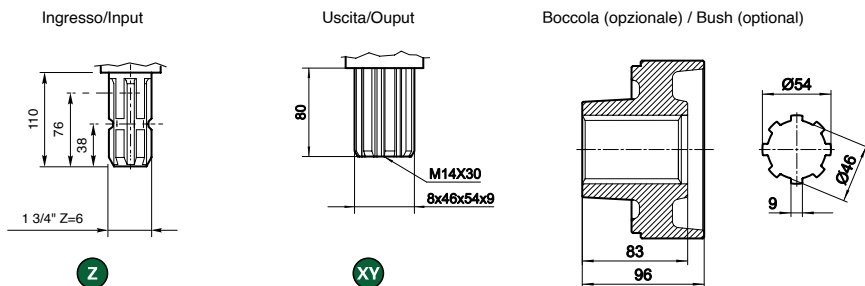
Dimensioni / Dimensions



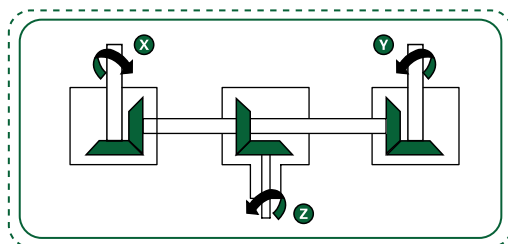
Caratteristiche tecniche / Technical data

i	Input						Materiale Material	Dentatura Toothing				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)			A	B		
2.39:1	cod.45	1000	418	103(140)	983	2350	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	700	1500		Vedi pagina seguente See next page
									710	1710		
									910	2000		
									960	2100		
									990	2200		
2.66:1	cod.66	1000	376	99.5(135)	948	2524			1100	2380		

Alberi / Shafts



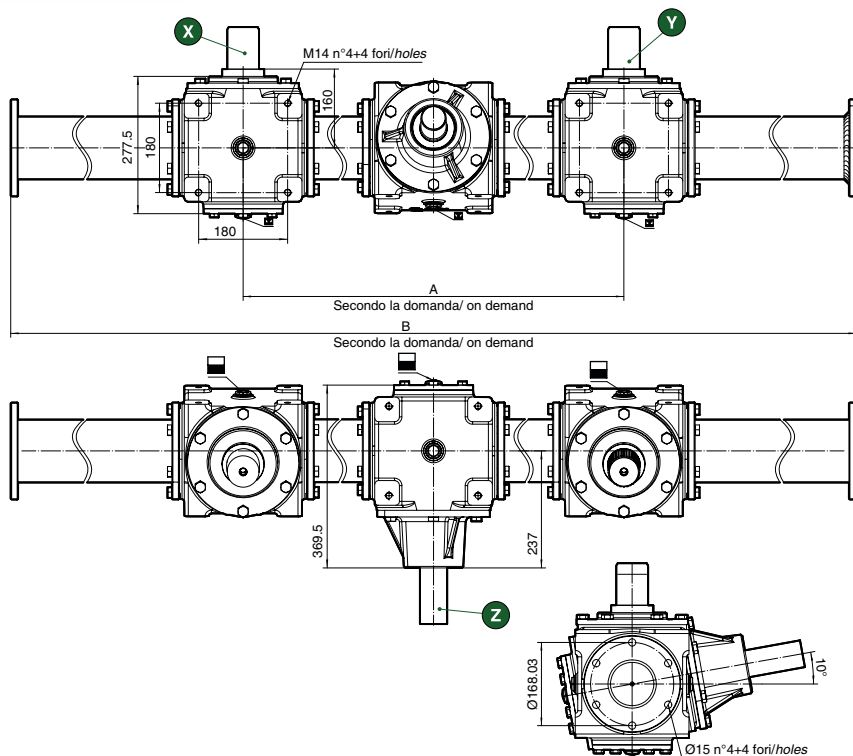
Sensi di rotazione alberi / Shaft direction



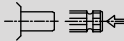
SP-160 cod.CM



Dimensioni / Dimensions

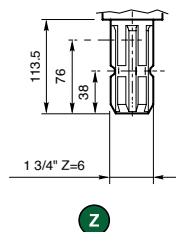


Caratteristiche tecniche / Technical data

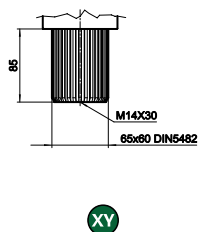
i	Input						Materiale Material	Dentatura Toothing			
	Z	n_1 rpm input	n_2 rpm output	P_1 Kw(HP)	T_1 N.m(input)	T_2 N.m(output)			A	B	Alberi Shafts
2.47:1	cod.65	1000	405	118(160)	1126	2782	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	700	1500	Vedi pagina seguente See next page
									910	2000	
									960	2100	
									990	2200	
									1100	2380	

Alberi / Shafts

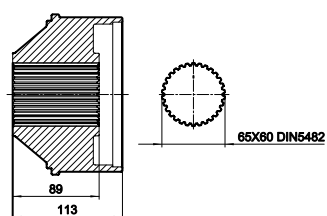
Ingresso/Input



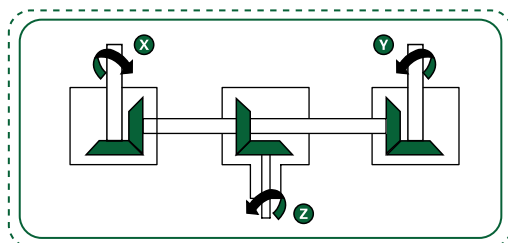
Uscita/Output



Boccola (opzionale) / Bush (optional)



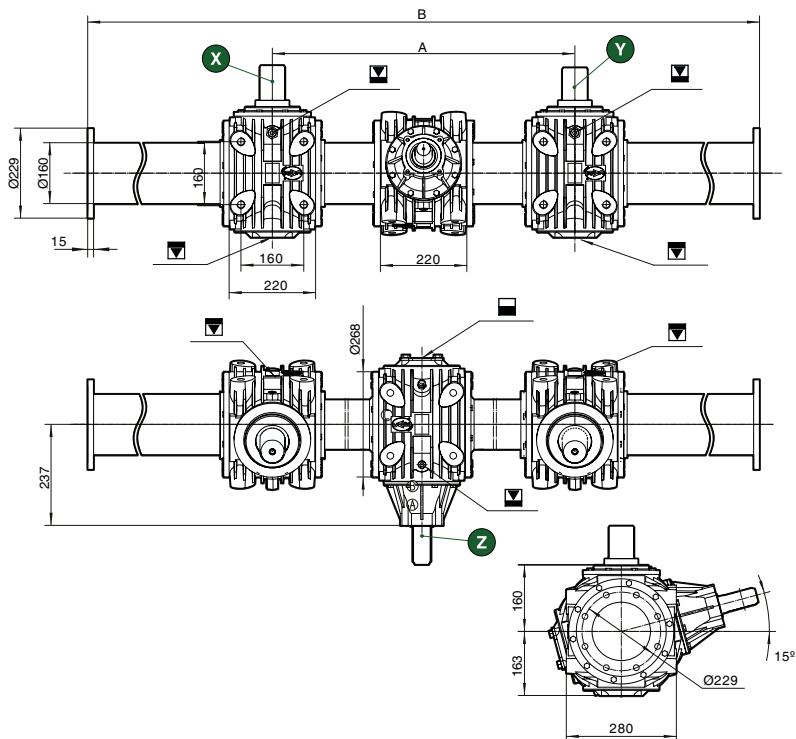
Sensi di rotazione alberi / Shaft direction



SP-240 cod.CH



Dimensioni / Dimensions

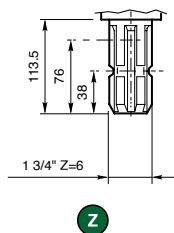


Caratteristiche tecniche / Technical data

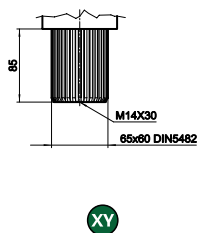
i	Input										
	Z	n_1 rpm input	n_2 rpm output	P_i Kw(HP)	T_i N.m(input)	T_2 N.m(output)	Materiale Material	Dentatura Toothing	A	B	Alberi Shafts
2.47:1	cod.65	1000	405	179(240)	170	2x2100	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth cod.R	700	1500	Vedi pagina seguente See next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

Alberi / Shafts

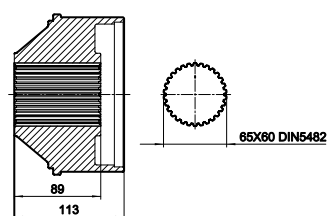
Ingresso/Input



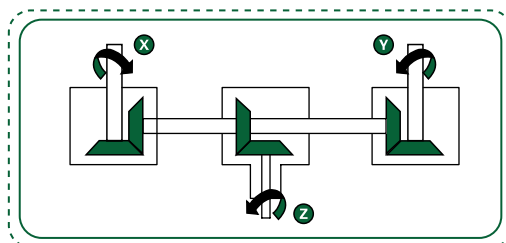
Uscita/Output



Boccola (opzionale) / Bush (optional)



Sensi di rotazione alberi / Shaft direction



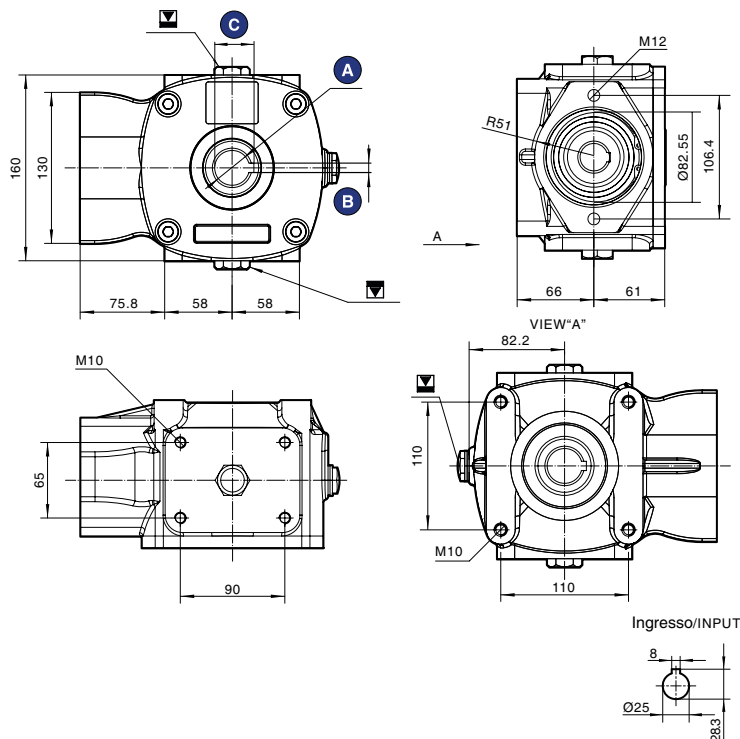
SERIE H		
H045		260
H090		261
H120		262
H145		263
H150B		264
H150		265
H190		266
H200		267
H300		268
H350		269
H400		270
H420		271
H500		272
H501		273
H650		274
H800		275

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°

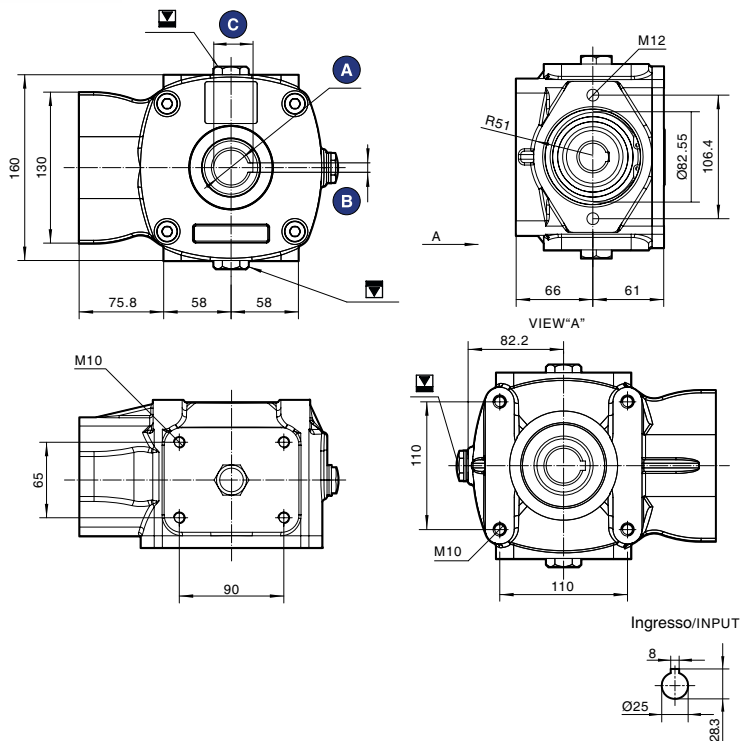
A	B	C
Ø30	8	33.3
Ø35	10	38.6

H090

cod.09



Dimensioni / Dimensions


 H045
H090

Caratteristiche tecniche / Technical data

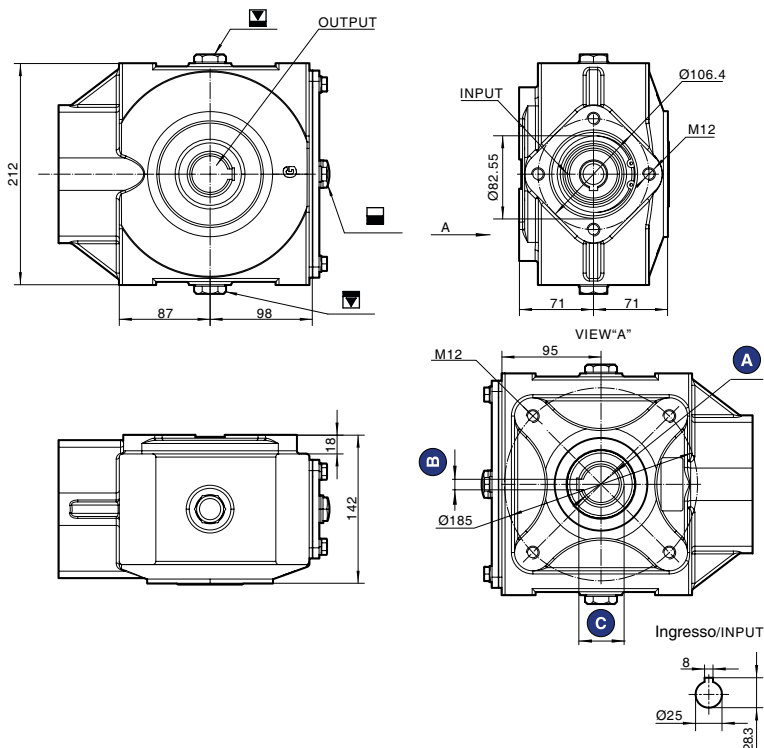
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
3.1:1	900	12	Olio riduttore Gear oil SAE90EP	-20° / +80°

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°

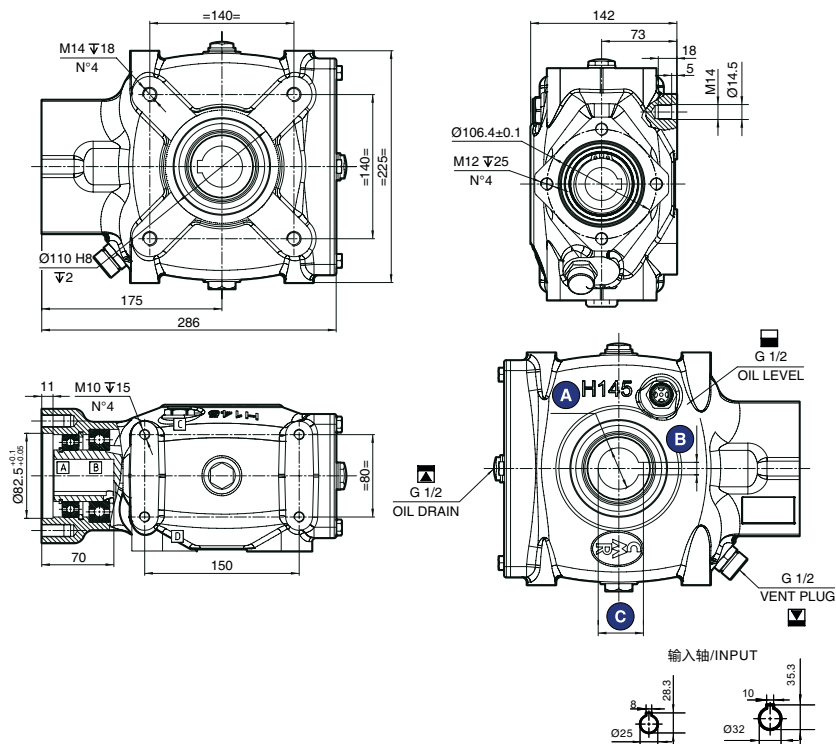
A	B	C
Ø35	10	38.6
Ø40	12	43.3

H145

cod.1J



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

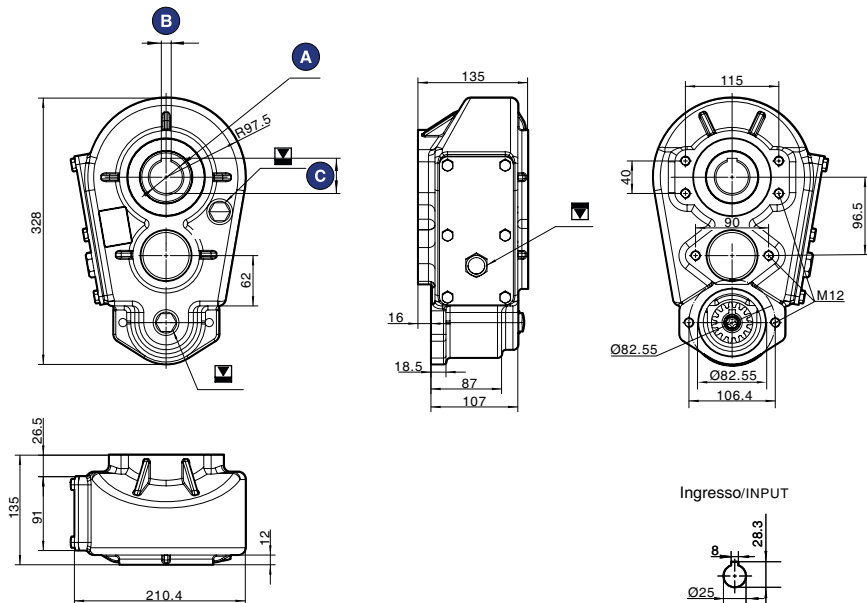
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
4.1:1	1500	21	Olio riduttore Gear oil SAE90EP	-20° / +80°

A	B	C
Ø35	10	38.6
Ø40	12	43.8

H150B cod.14



Dimensioni / Dimensions



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
8.2:1 12.1:1	1500	20	Olio riduttore Gear oil SAE90EP	-20° / +80°

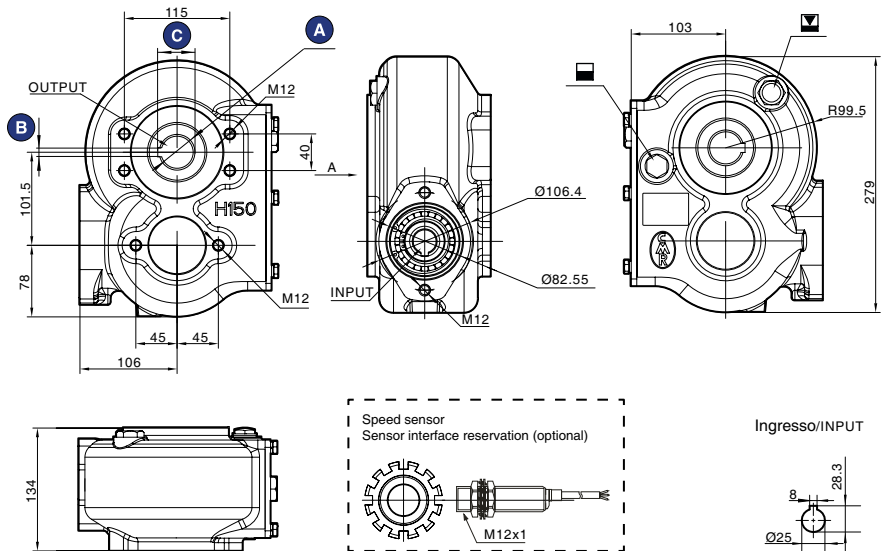
A	B	C
Ø35	10	38.6
Ø40	12	43.3



H150



Dimensioni / Dimensions

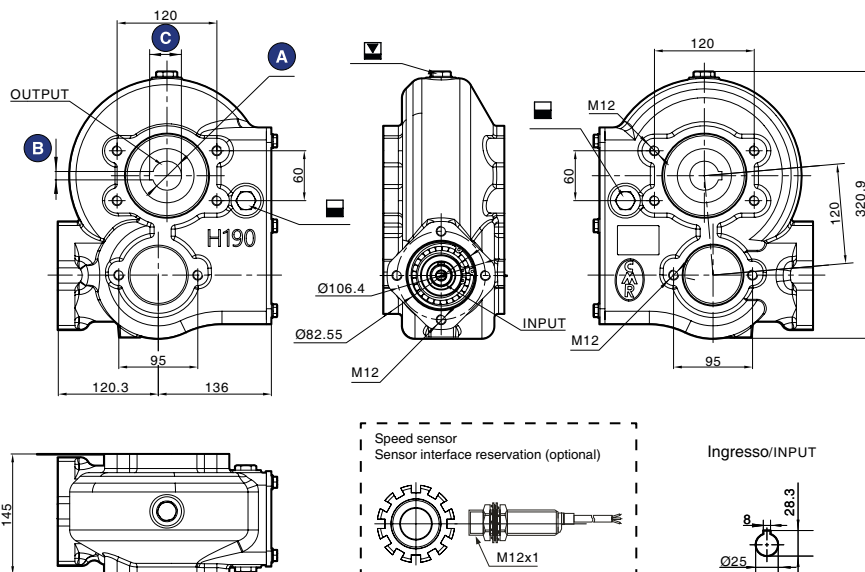


Caratteristiche tecniche / Technical data

Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
8.15:1	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

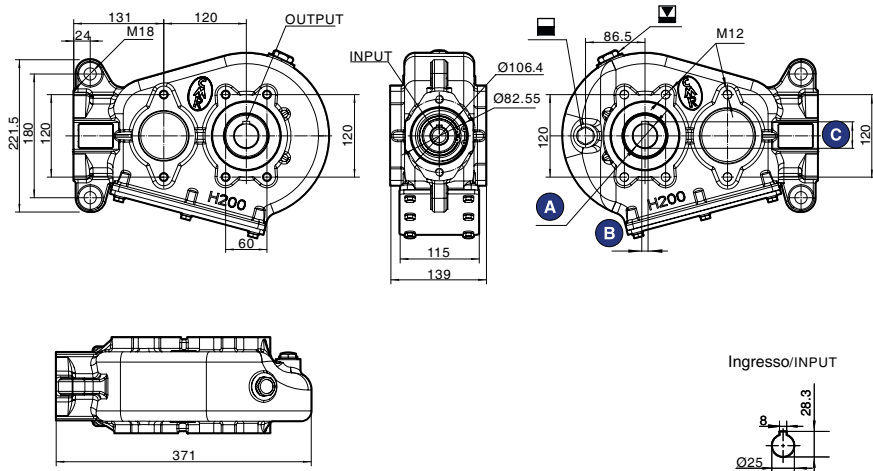
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
10.2:1	1900	28	Olio riduttore Gear oil SAE90EP	-20° / +80°

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°

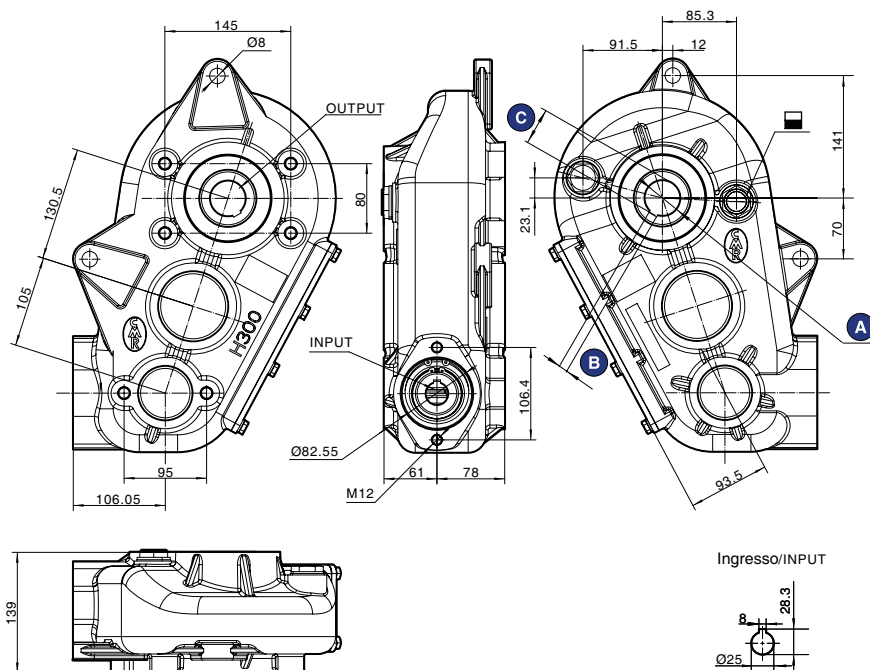
A	B	C
Ø35	10	38.6
Ø40	12	43.3
Ø45	12	48.8



H300 **cod.30**



Dimensioni / Dimensions



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°

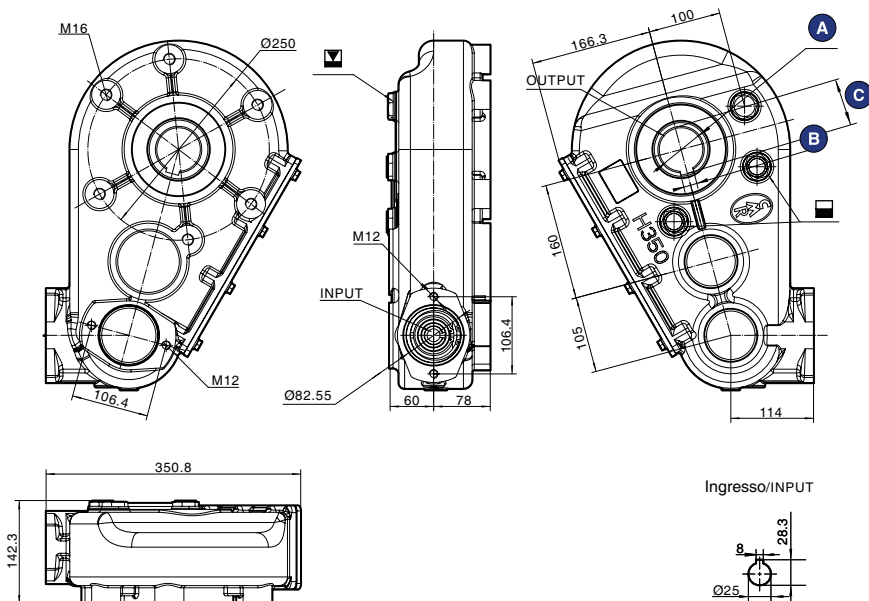
A	B	C
Ø35	10	38.6
Ø40	12	43.3
Ø45	12	48.8



H350



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
12,1:1	3500	47	Olio riduttore Gear oil SAE90EP	-20° / +80°
24,3:1				
38,3:1				

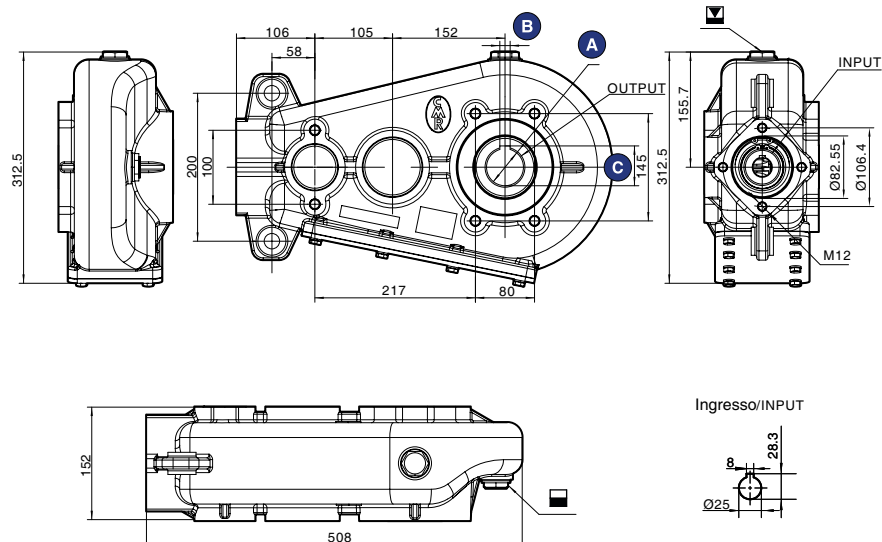
A	B	C
Ø45	14	48.8
Ø50	14	53.2
Ø60	18	64.4

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°

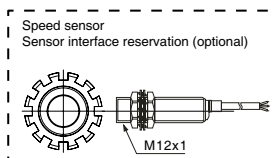
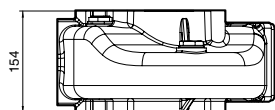
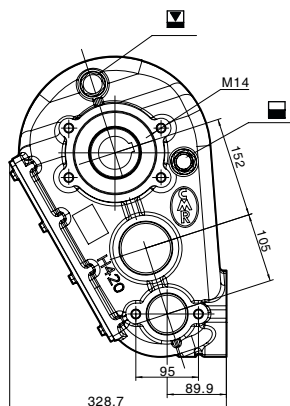
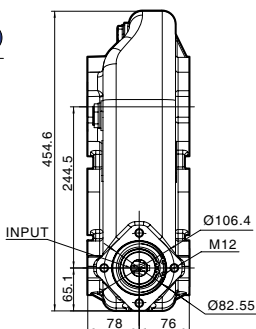
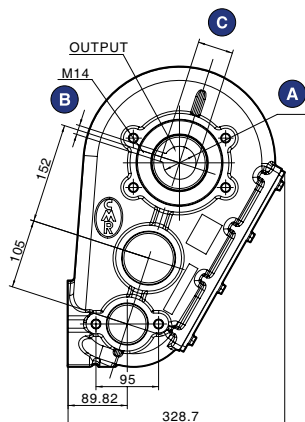
A	B	C
Ø50	14	53.8
Ø55	16	59.3
Ø60	18	64.4

H420

cod.T1



Dimensioni / Dimensions



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
35.35:1	4000	46	Olio riduttore Gear oil SAE90EP	-20° / +80°

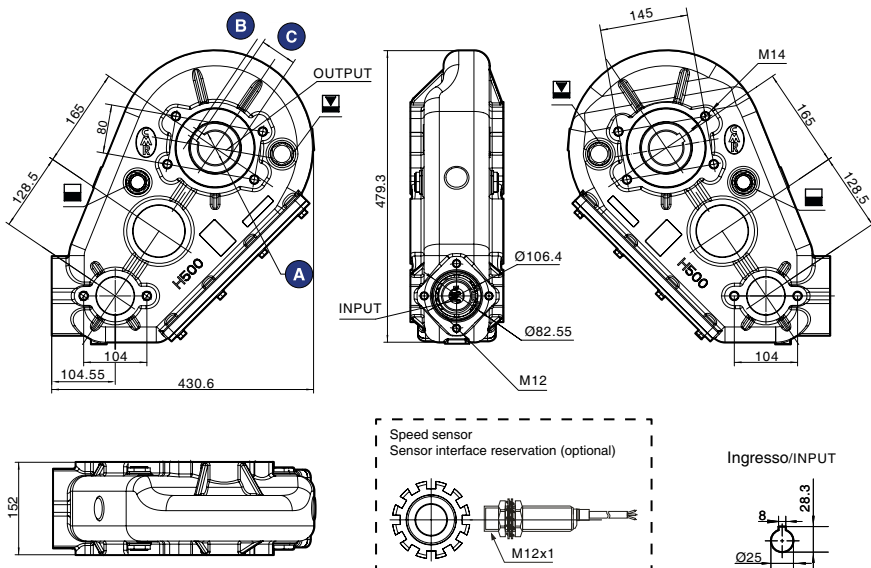
A	B	C
Ø50	14	53.8
Ø55	16	59.3
Ø60	18	64.4

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°

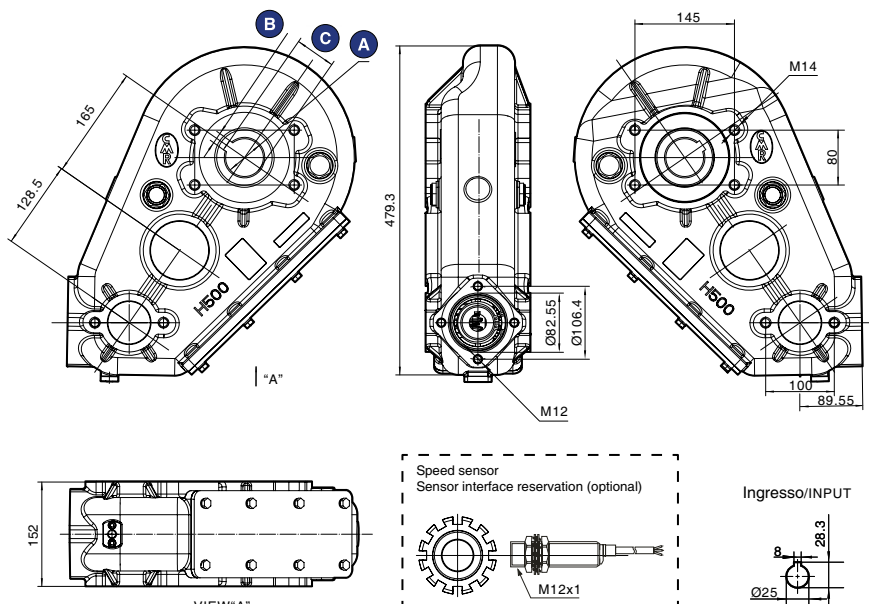
A	B	C
Ø50	14	53.8
Ø55	16	59.3
Ø60	18	64.4

H501

(cod.T1)



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

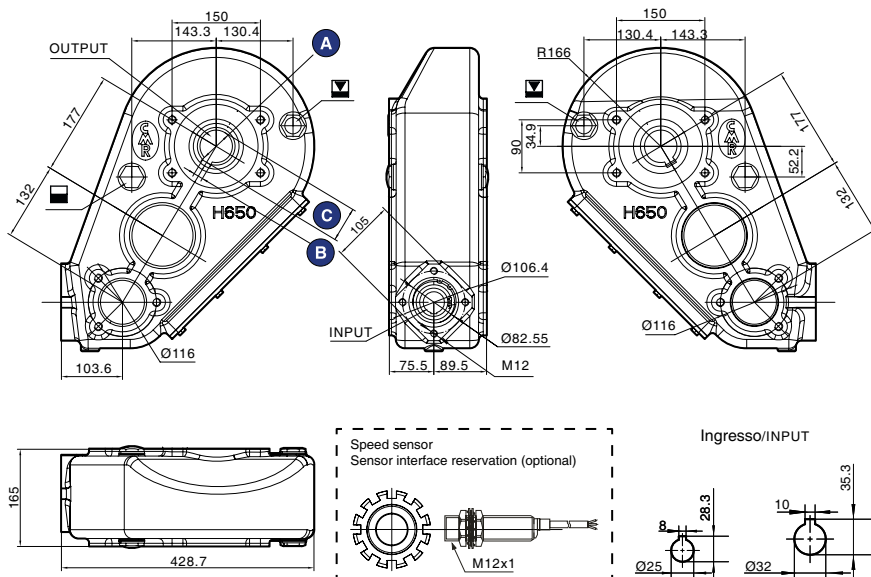
Rapporto Ratio	Coppia in uscita Output torque N - m	Peso Weight Kg.	Lubrificazione Lubrication	Temperatura d'esercizio Work temperature
43.6:1	5000	55	Olio riduttore Gear oil SAE90EP	-20° / +80°

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°

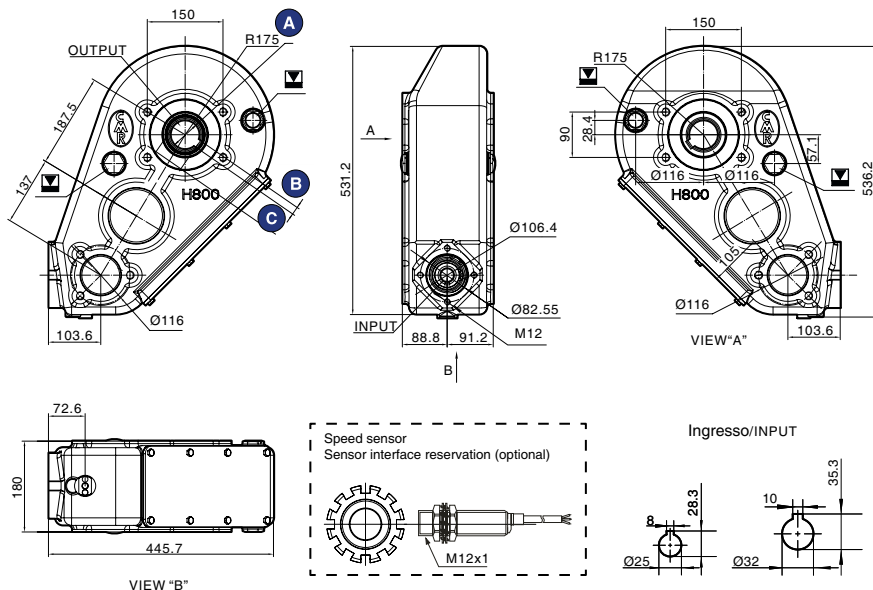
A	B	C
Ø55	16	59.3
Ø60	18	64.4
Ø65	18	69.4

H800

cod.80



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
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
P20

278
P35

280
P35C

282
P45

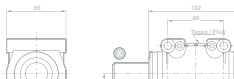
284
P45C

286
P62
288
PR4
290
PR6
292

Codifica/Code							
Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
S	P	64	66	00	01	96	P
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



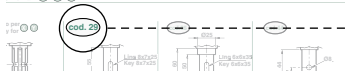
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

	n_1	n_2	P_1	T_{in}	T_{max}	Alberi Shafts
	[rpm]	[rpm]	[kW]	[Nm]	[Nm]	
3.25	cod.53					
3.25	3.25	6.25	0.00	0.00	0.00	

Shafts



Sensi di rotazione alberi / Shaft rotation directions

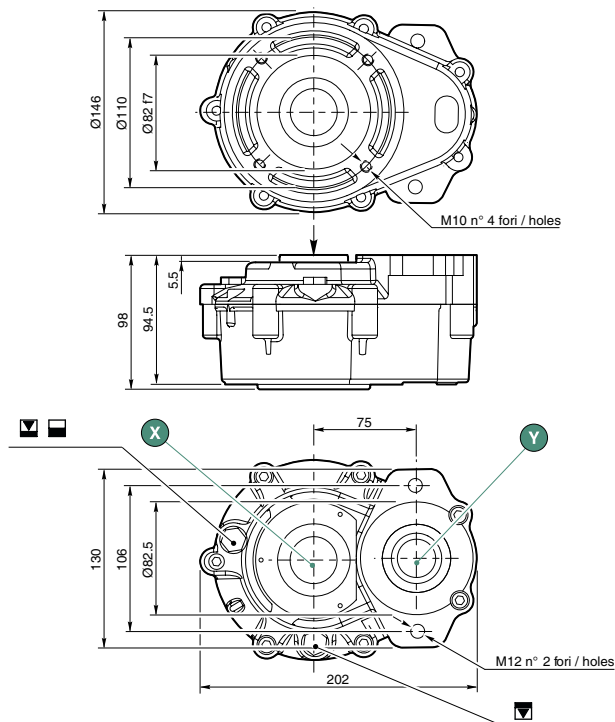




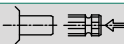
P20 cod.61



Dimensioni / Dimensions

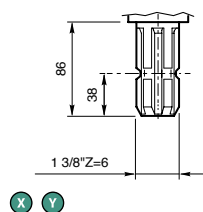


Caratteristiche tecniche / Technical data

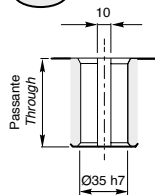
i	Input										
		n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
2.93:1	cod.29	540	184	13.2(18)	232	680	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrical Helical Teeth	8.8	0.8	Vedi pagina seguente See next page

Alberi / Shafts

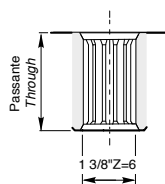
cod.01



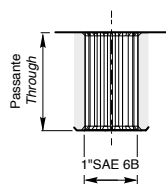
cod.74



cod.75

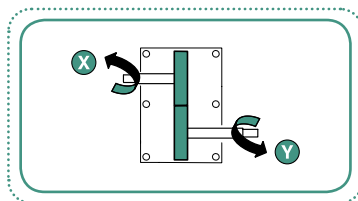


cod.82



P20

Sensi di rotazione alberi / Shaft direction



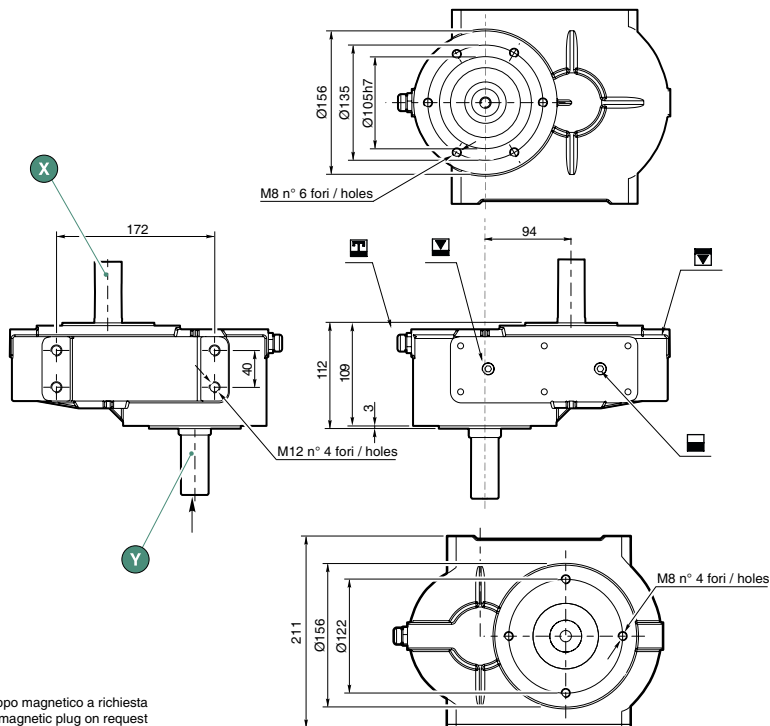
cod.P

Scatole ad assi paralleli
Parallel Shaft Gear Unit

P35 cod.64



Dimensioni / Dimensions



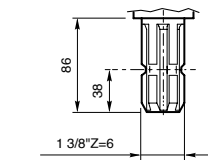
** tappo magnetico a richiesta
magnetic plug on request

Caratteristiche tecniche / Technical data

i	Input										
	X	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 Toothings	KG	LT	Alberi Shafts
1:7	cod.88	540	3780	27/36	476	68	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Helical Teeth	16	0.8	Vedi pagina seguente 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					

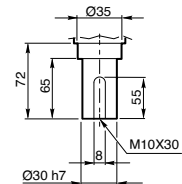
Alberi / Shafts

cod.01



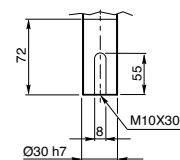
X

cod.18



Y

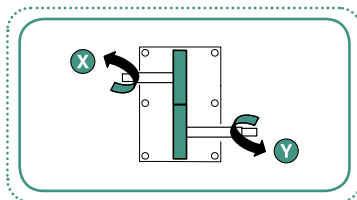
cod.15



Y

P35

Sensi di rotazione alberi / Shaft direction



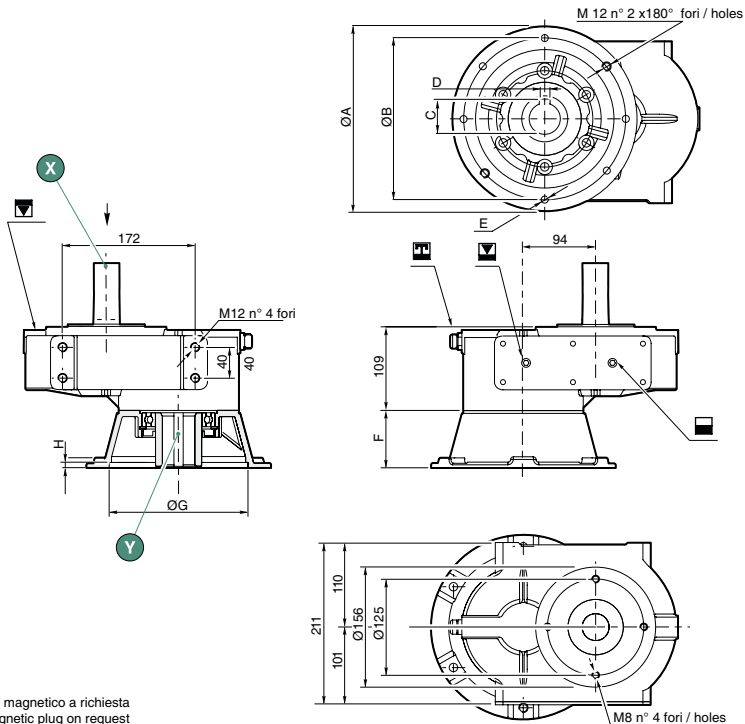
cod.P

Scatole ad assi paralleli
Parallel Shaft Gear Unit

P35C cod.64



Dimensioni / Dimensions

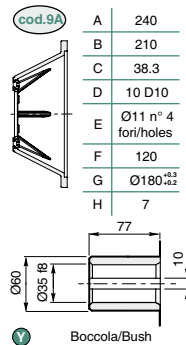
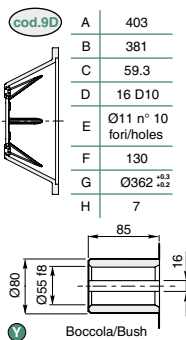
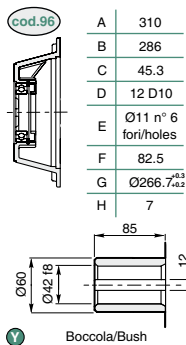
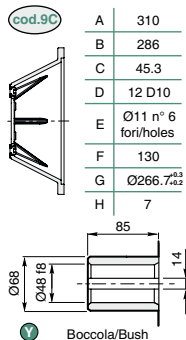
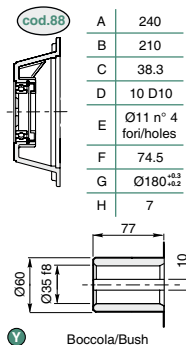
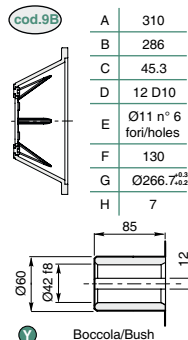
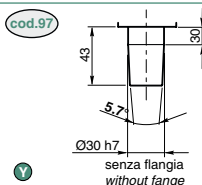
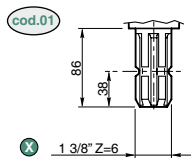


** tappo magnetico a richiesta
magnetic plug on request

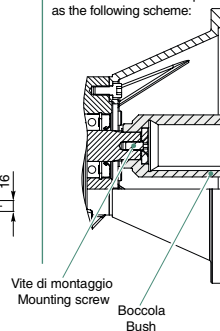
Caratteristiche tecniche / Technical data

i	Input					Materiale Material	Dentatura Toothings				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	419 505	2900 3500	17/23 20/27	387 380	55 55	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cylindrical Helical Teeth	22	0.8	Vedi pagina seguente See next page
1:3.73	cod.82	408 483	1500 1800	20/27 23/31	457 451	457 451					
1:3.4	cod.19	440 530	1500 1800	30/40 36/48	651 642	651 642					

Alberi / Shafts

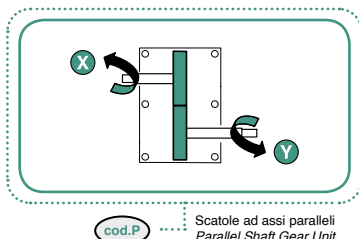


Per cod. 9A, 9B, 9C e cod.9D, boccole rimovibili e sostituibili come da schema seguente:
For code 9A, 9B, 9C and 9D, the bushes are removable/replaceable as the following scheme:

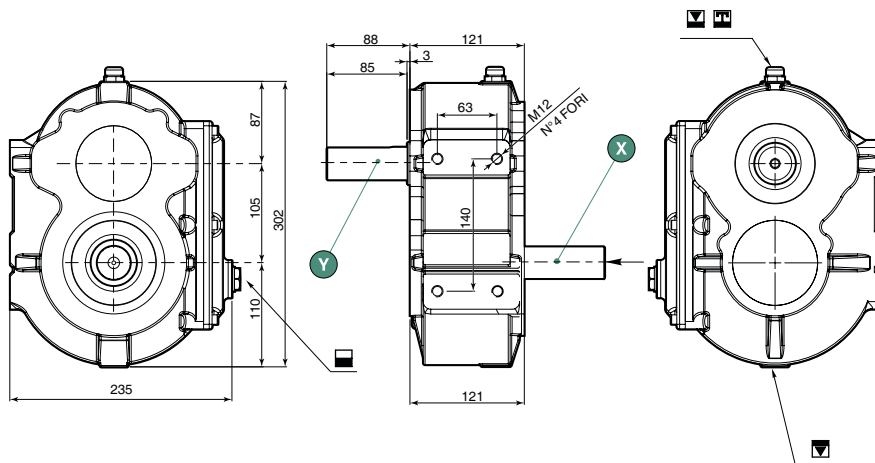


	cod.88	cod.9B	cod.9C	cod.9D	cod.9E	cod.9A
[kg]	22	27	27	29	24.5	24

Sensi di rotazione alberi / Shaft direction




P45 (cod.69)

Dimensioni / Dimensions


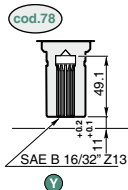
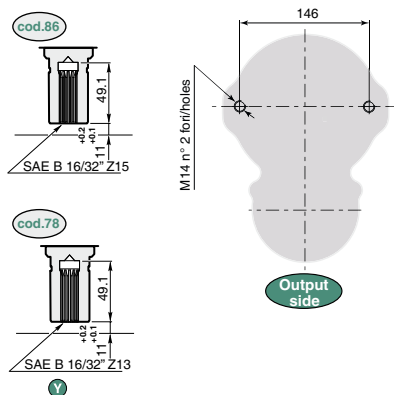
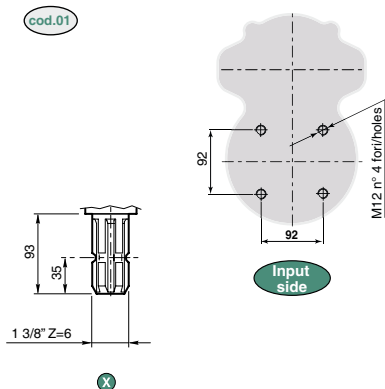
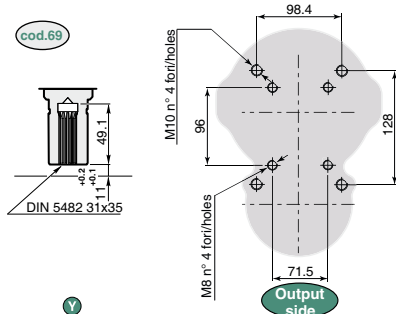
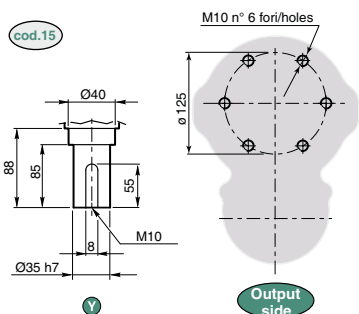
** tappo magnetico a richiesta
magnetic plug on request

Caratteristiche tecniche / Technical data

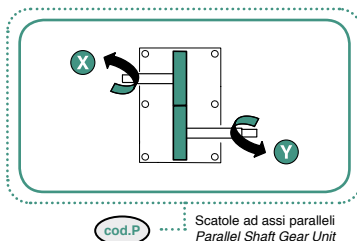
i	Input				Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
	X	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			
1:7	(cod.80)	540	3780	44/60	778	115	Ghisa G25 Gray Cast iron	22	1.5
1:3.73	(cod.82)	540	2014	45/61	796	225			
1:3.47	(cod.25)	540	1874	50/68	884	255			

Vedi pagina
seguente
See next page

Alberi / Shafts



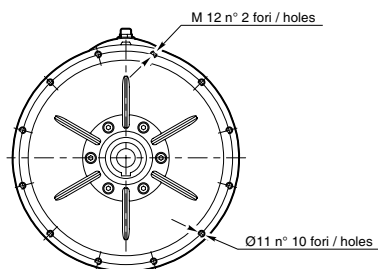
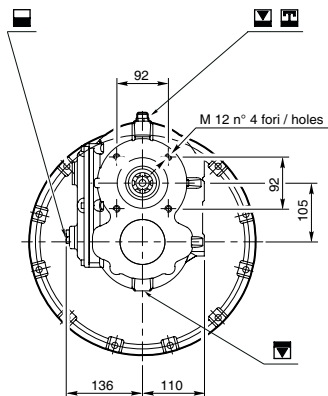
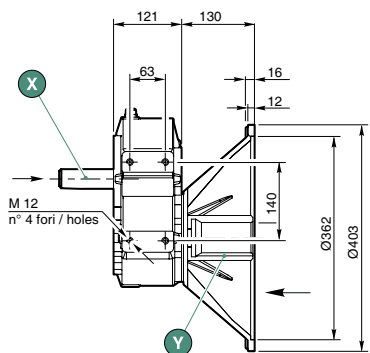
Sensi di rotazione alberi / Shaft direction



P45C (cod.69)



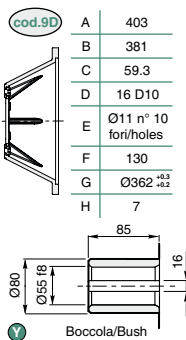
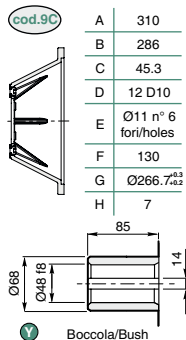
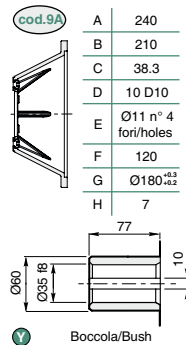
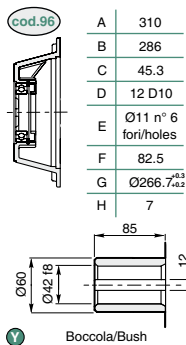
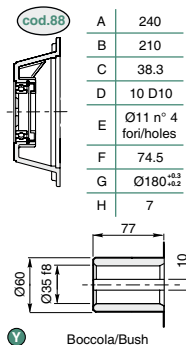
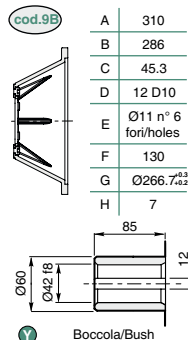
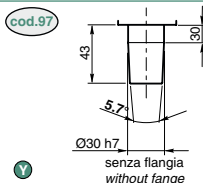
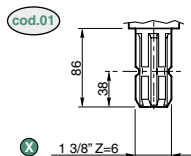
Dimensioni / Dimensions



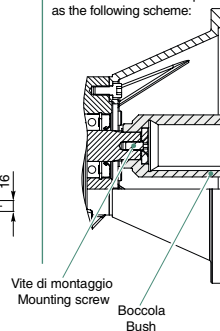
** tappo magnetico a richiesta
magnetic plug on request

Caratteristiche tecniche / Technical data

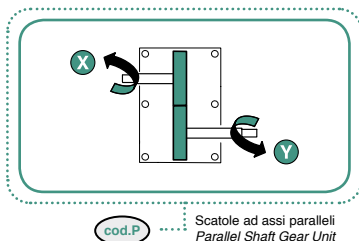
i	Input						Materiale Material	Dentatura Toothings	KG	LT		Alberi Shafts
		n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)						
1:6.9		420 509	2900 3500	20/27 23/31	443 436	65 63	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cylindrical Helical Teeth	22	1.5		Vedi pagina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

Alberi / Shafts


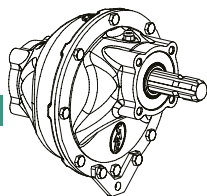
Per cod. 9A, 9B, 9C e cod.9D, boccole rimovibili e sostituibili come da schema seguente:
For code 9A, 9B, 9C and 9D, the bushes are removable/replaceable as the following scheme:



	cod.88	cod.9B	cod.9C	cod.9D	cod.96	cod.9A
[kg]	22	27	27	29	24.5	24

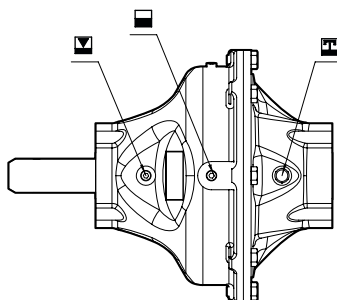
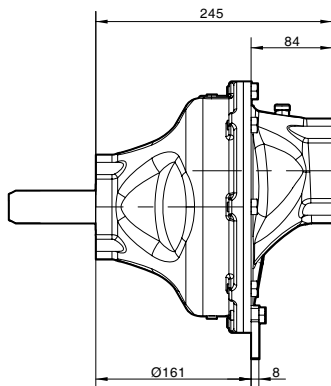
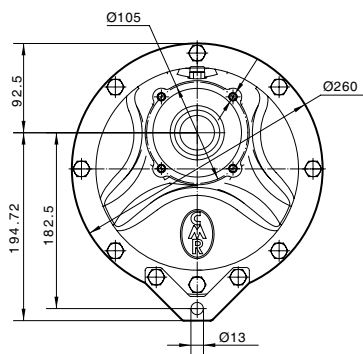
Sensi di rotazione alberi / Shaft direction


Scatole ad assi paralleli
Parallel Shaft Gear Unit

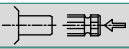


P62 cod.69

Dimensioni / Dimensions

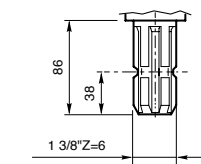


Caratteristiche tecniche / Technical data

i	Input										
	 X	n _i rpm input	n ₂ rpm output	P _i Kw(HP)	T _i N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
1:1.88		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		1000	532	55/75	525	987					

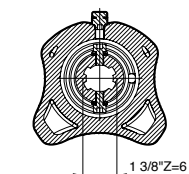
Alberi / Shafts

cod.01



X Y

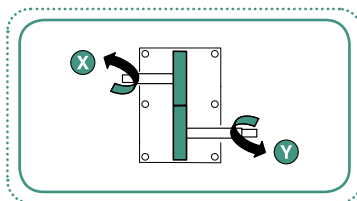
cod.75



X Y

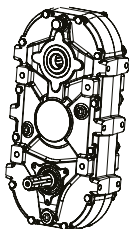
P62

Sensi di rotazione alberi / Shaft direction



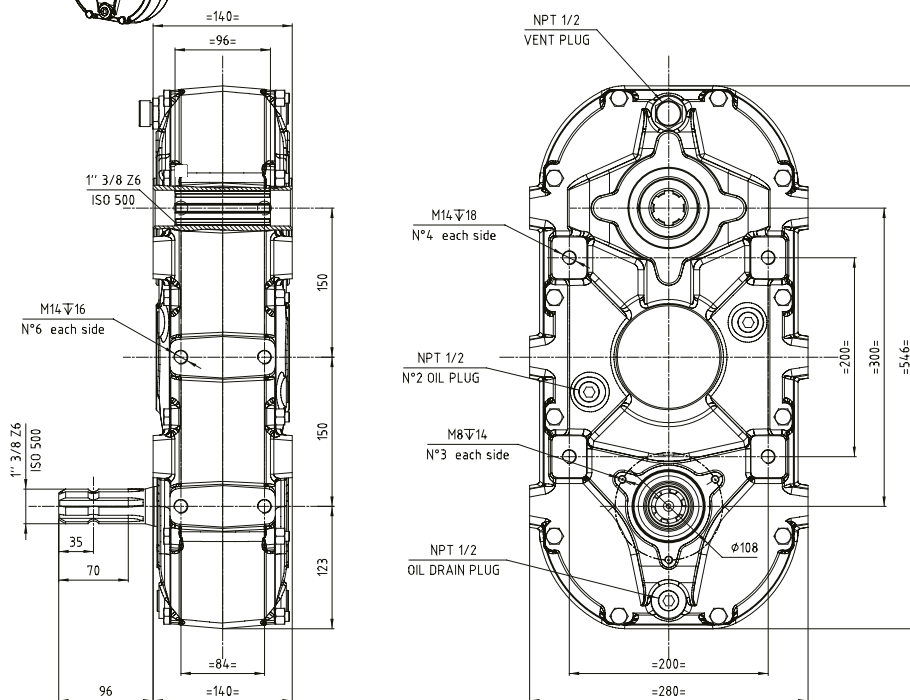
cod.P

Scatole ad assi paralleli
Parallel Shaft Gear Unit



PR4 cod.4R

Dimensioni / Dimensions

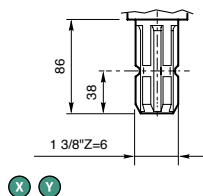


Caratteristiche tecniche / Technical data

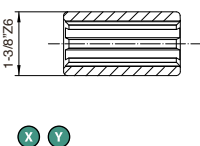
i	Input										
	$\times$	n_1 rpm input	n_2 rpm output	P_1 Kw(HP)	T_1 N.m(input)	T_2 N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
1:1		540	540	73.5(100)	1320	1320	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cylindrical Teeth	52	3.9	Vedi pagina seguente See next page
1.94:1		540	278	59(80)	1850	1061					

Alberi / Shafts

cod.01

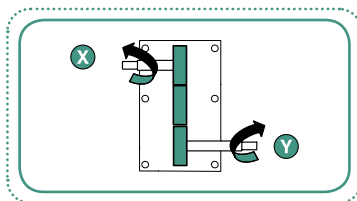


cod.75



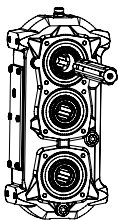
PR4

Sensi di rotazione alberi / Shaft direction

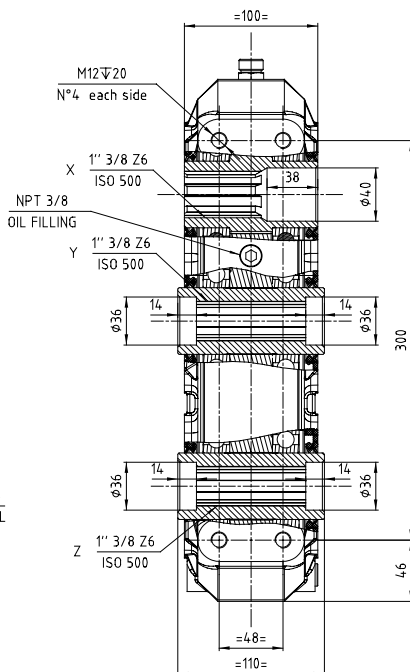
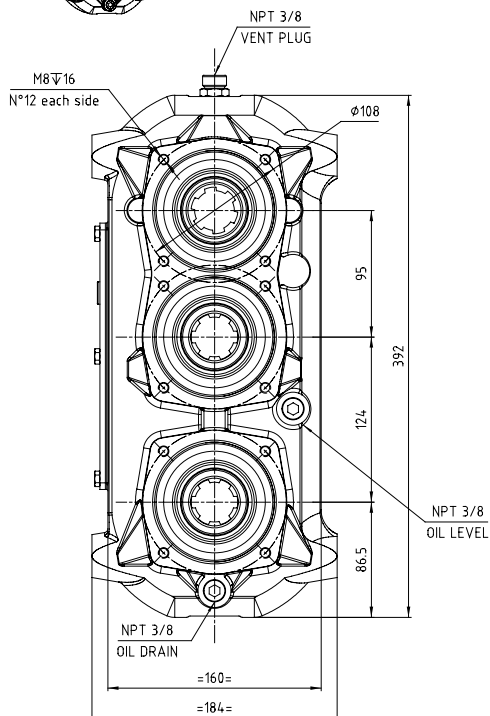


cod.P

Scatole ad assi paralleli
Parallel Shaft Gear Unit

PR6

Dimensioni / Dimensions

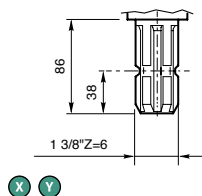


Caratteristiche tecniche / Technical data

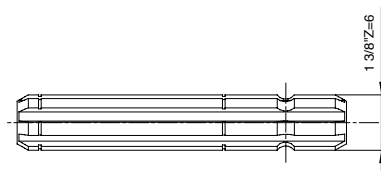
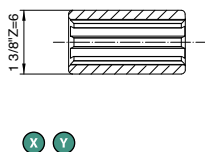
i	Input					Materiale Material	Dentatura Toothings				
		n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T _i N.m(input)						T ₂ N.m(output)
INPUT X 1:2		540	1080	44(59)	380	780	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrica Teeth	26	1.1	Vedi pagina seguente See next page
INPUT Y 2:1		1000	500		818	422					

Alberi / Shafts

cod.01

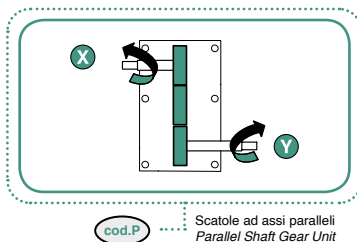


cod.75



PR6

Sensi di rotazione alberi / Shaft direction



cod.P

Scatole ad assi paralleli
Parallel Shaft Gear Unit

SERIE PA
PA25

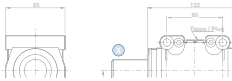
296
PA30

298
PA50

300
PA60

302
PA60F

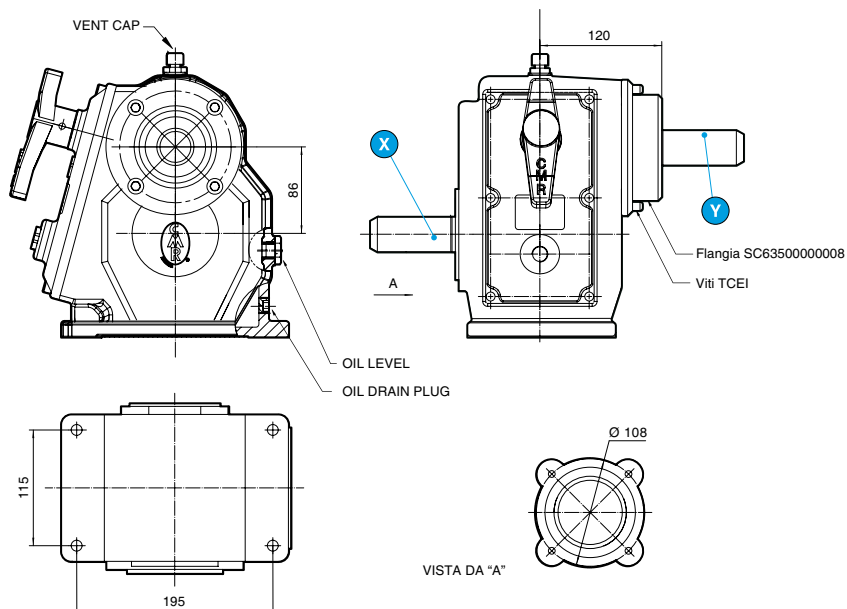
304

Codifica/Code																															
Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position																								
				Z	X	Y																									
S	P	63	72	00	01	18	P																								
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.53 Preparazione della falciatura Line preparation - Fall mowers Dimensioni (mm) 																															
Caratteristiche tecniche/Technical data <table><tr><th></th><th>n₁</th><th>n₂</th><th>P₁</th><th>T₁</th><th>T₂</th></tr><tr><th></th><th>[rpm]</th><th>[rpm]</th><th>[kW]</th><th>[Nm]</th><th>[Nm]</th></tr><tr><td>3.25</td><td>cod.53</td><td></td><td></td><td></td><td></td></tr><tr><td>4.4</td><td></td><td>6.45</td><td>9.8</td><td>1.9</td><td>1.8</td></tr></table>									n ₁	n ₂	P ₁	T ₁	T ₂		[rpm]	[rpm]	[kW]	[Nm]	[Nm]	3.25	cod.53					4.4		6.45	9.8	1.9	1.8
	n ₁	n ₂	P ₁	T ₁	T ₂																										
	[rpm]	[rpm]	[kW]	[Nm]	[Nm]																										
3.25	cod.53																														
4.4		6.45	9.8	1.9	1.8																										
Shafts cod.29 																															
Sensi di rotazione alberi/shaft rotation directions  cod.P																															

PA25 cod.62



Dimensioni / Dimensions

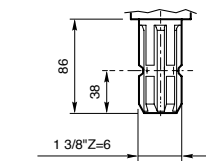


Caratteristiche tecniche / Technical data

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 Toothings	KG	LT	Alberi Shafts
1:4		540	2140	22(30)	389	97	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrical Helical Teeth	16	0.6	Vedi pagina seguente See next page

Alberi / Shafts

cod.01



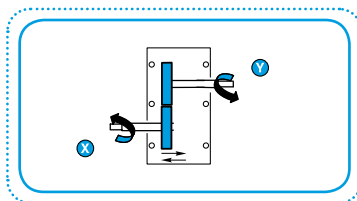
X

Per alberi differenti contattare reparto tecnico CMR

For different shafts please contact CMR Technical Department.

Y

Sensi di rotazione alberi / Shaft direction



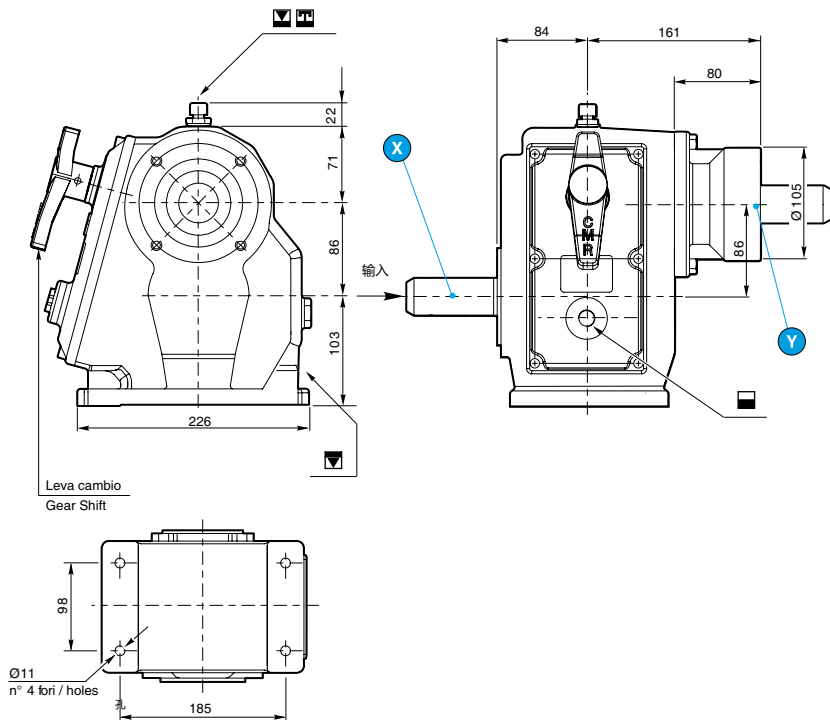
cod.P

Scatole ad assi paralleli
Parallel Shaft Gear Unit

PA30 cod.63



Dimensioni / Dimensions

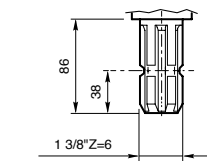


Caratteristiche tecniche / Technical data

i	Input										
		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 Toothings	KG	LT	Alberi Shafts
1:4 1:2.95		540 540	2160 1593	29/39.4 21.5/29.2	407 365	102 124	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cylindrical Helical Teeth	27.3	1.7	Vedi pagina seguente See next page
1:4.9 1:4		540 540	2646 2160	23/31.3 29/39.4	407 407	83 102					

Alberi / Shafts

cod.01



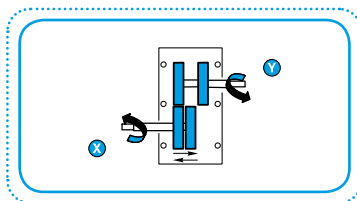
X

Per alberi differenti contattare reparto tecnico CMR

For different shafts please contact CMR Technical Department.

Y

Sensi di rotazione alberi / Shaft direction



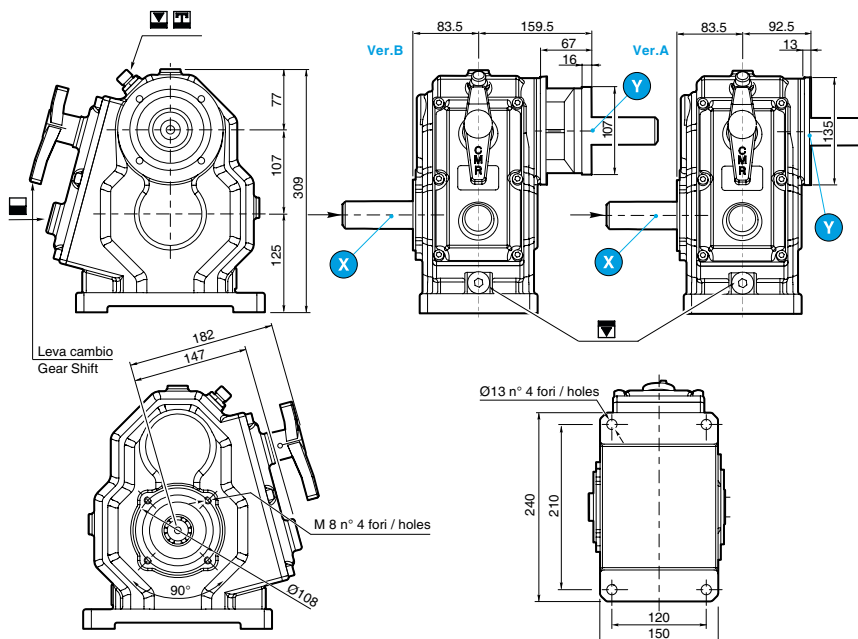
cod.P

Scatole ad assi paralleli
Parallel Shaft Gear Unit

PA50 cod.66



Sensi di rotazione alberi / Shaft direction

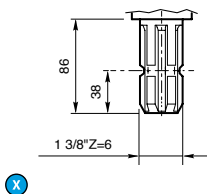


Caratteristiche tecniche / Technical data

i	Input										
		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
1:7.2		540	3888	23.5/32	396	55	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrical Helical Teeth	32	2.0	Vedi pagina seguente See next page
1:3.6 1:3		540 540	1944 1620	35.3/48 29.5/40.1	597 501	166 167					
1:3.9 1:3		540 540	2160 1620	33/44.9 29.5/40.1	561 501	144 167					
1:5 1:3.9		540 540	2700 2106	35.3/48 33/44.9	600 561	120 144					

Alberi / Shafts

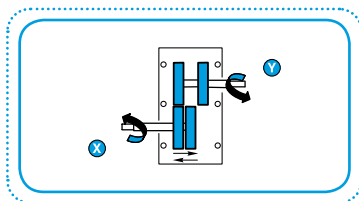
cod.01



Per alberi differenti contattare reparto tecnico CMR

For different shafts please contact CMR Technical Department.

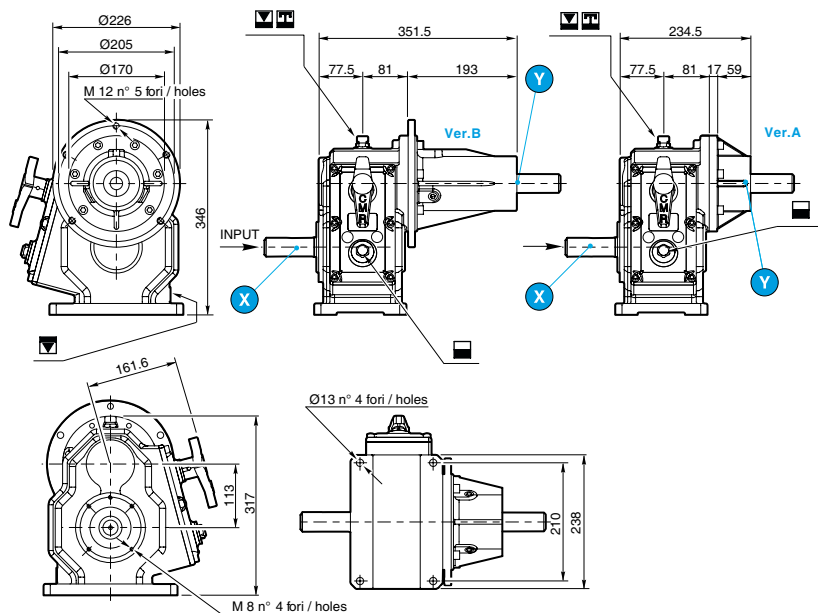
Sensi di rotazione alberi / Shaft direction



cod.P

Scatole ad assi paralleli
Parallel Shaft Gear Unit

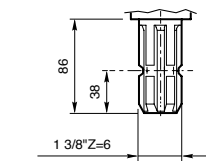
PA60 cod.60


Sensi di rotazione alberi / Shaft direction

Caratteristiche tecniche / Technical data

i	Input										
		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 Toothings	KG	LT	Alberi Shafts
1:3.88		540	2095	43/58	729	188	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrical Helical Teeth	41	2.1	Vedi pagina seguente See next page
1:4.5		540	2430	49/66.6	832	185					
1:3.6		540	1944	43/58.5	730	203					
1:5.5		540	2970	49/46.6	830	151					
1:4.5		540	2430	49/46.6	832	185					
1:5.5		540	2970	49/46.6	830	151					
1:5		540	2700	49/46.6	830	166					
1:6		540	3240	52/70.7	882	147					
1:4		540	2160	53/72.1	760	225					
1:7.5		540	4050	38/51.7	645	86					
1:7		540	3780	38/51.7	644	92					

Alberi / Shafts

cod.01



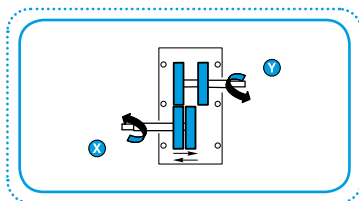
X

Per alberi differenti contattare reparto tecnico CMR

For different shafts please contact CMR Technical Department.

Y

Sensi di rotazione alberi / Shaft direction



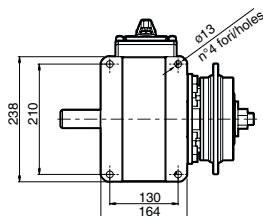
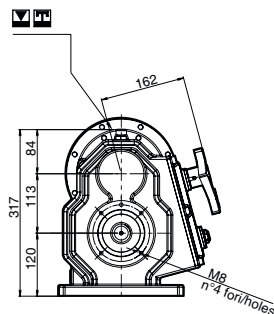
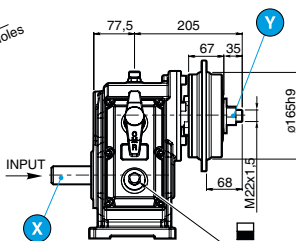
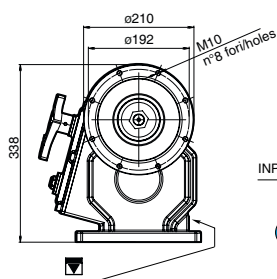
cod.P

Scatole ad assi paralleli
Parallel Shaft Gear Unit

PA60F cod.60



Sensi di rotazione alberi / Shaft direction

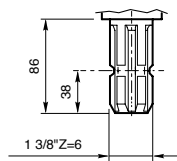


Caratteristiche tecniche / Technical data

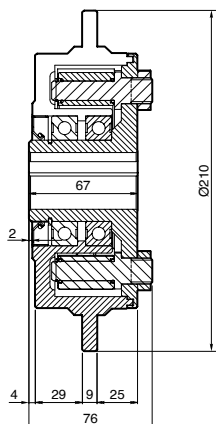
i	Input										
		n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
1:3.88		540	2095	43/58	729	188	Ghisa G25 Gray Cast iron	Cilindrica denti elicoidali Cilindrical Helical Teeth	41	2.1	Vedi pagina seguente See next page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

Alberi / Shafts

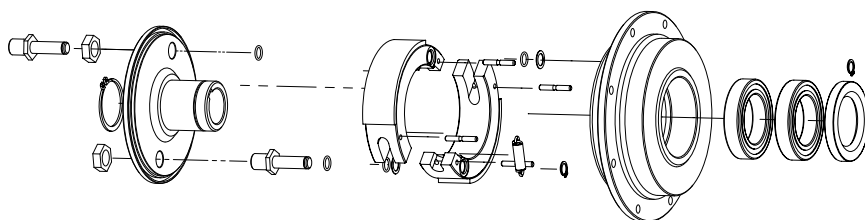
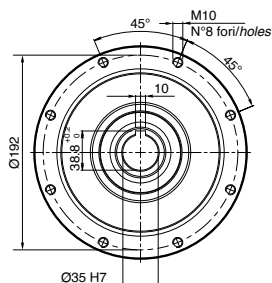
cod.01



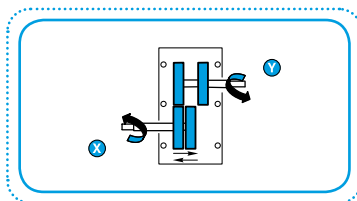
X



Y



Sensi di rotazione alberi / Shaft direction



cod.P

Scatole ad assi paralleli
Parallel Shaft Gear Unit

SERIE I
I025

308
I035

309
I060

310
I100

311
I110

312
I200

313

Codifica/Code

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



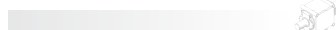
Preparazione di falci
Preparation of mowers

Caratteristiche tecniche/Technical data

	R_1	R_2	P_1	T_{max}	Materiale Material
	[rpm]	[rpm]	[kW]	[Nm]	
3.25	cod.06				

10-200-100-100-100-100

10-200-100-100-100-100



3 shafts

3 shafts

3 shafts

3 shafts

3 shafts

3 shafts

3 shafts

3 shafts

3 shafts

3 shafts

3 shafts

3 shafts

3 shafts

3 shafts

3 shafts

3 shafts

3 shafts

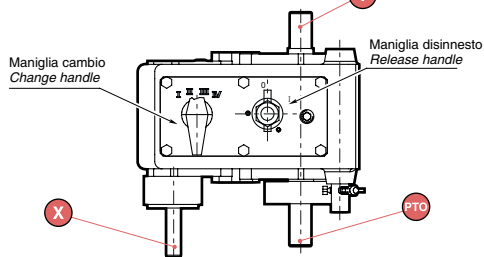
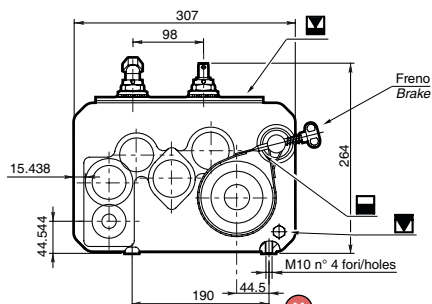
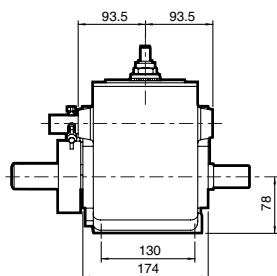
3 shafts



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

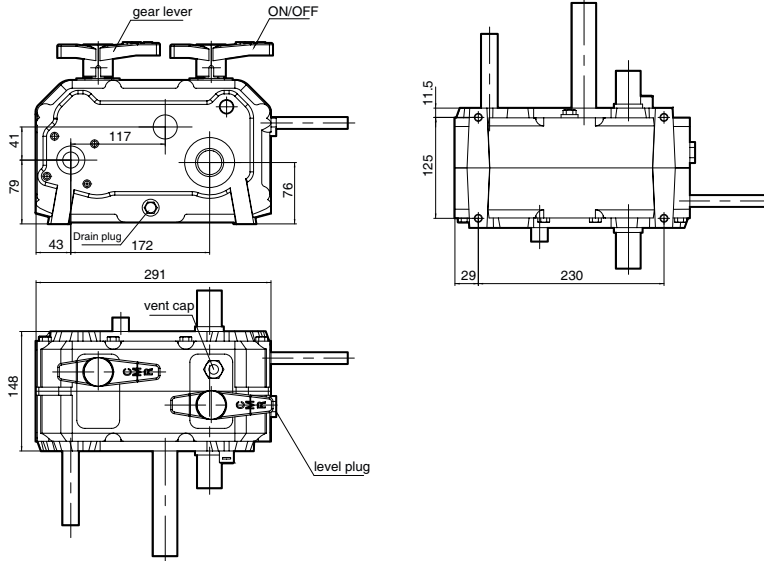
i		Input					Materiale Material	Dentatura Tooththing		
		X	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			
Cambio di velocità Gear shift (4 marce / 4 speed)	631:1		540	0.9			250			
	290:1	cod.59	540	1.9						
	201:1		540	2.7						
	97:1		540	5.6						
Cambio di velocità Gear shift (4 marce / 4 speed)	1307:1		540	0.4			250	Ghisa G25 Gray Cast iron	29.5	*
	602:1	cod.12	540	0.9						
	417:1		540	1.3						
	200:1		540	2.7						
Cambio di velocità Gear shift (4 marce / 4 speed)	201:1	cod.29	540	2.7			250			
	97:1		540	5.6						



135 cod.35



Dimensioni / Dimensions



**I25
I35**

Caratteristiche tecniche / Technical data

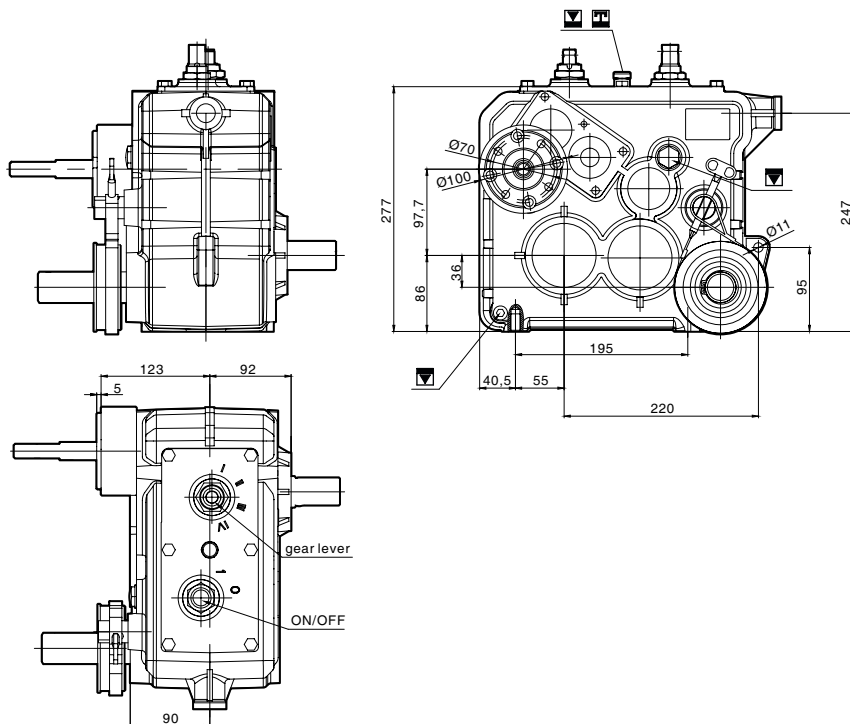
i		Input									
			n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT
Cambio di velocità Gear shift (2 marce / 2 speed)	552:1 171:1					*	350	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	30	2.5



1060 (cod.61)



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

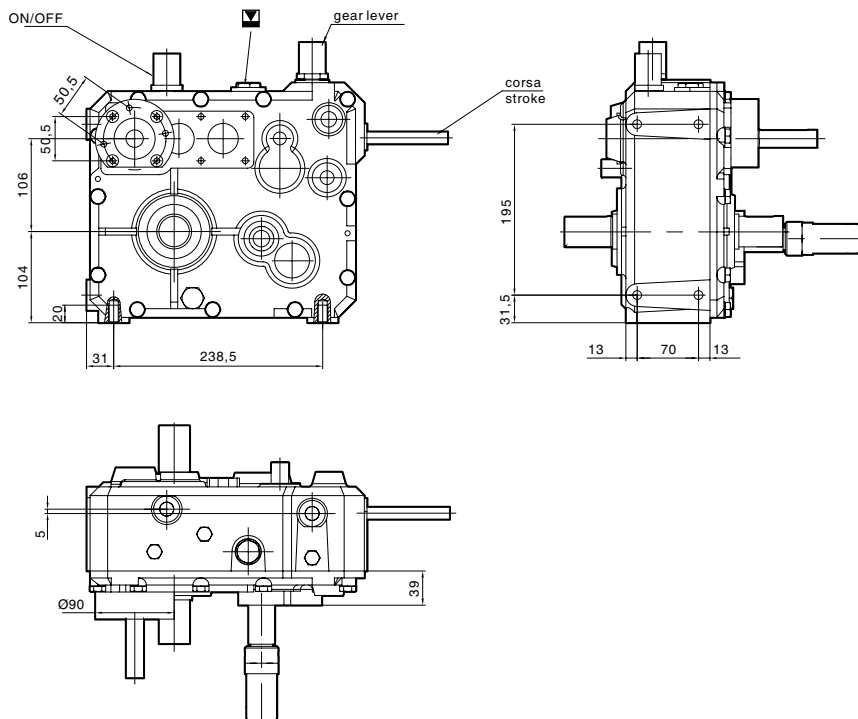
i		Input									
			n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT
Cambio di velocità Gear shift (4 marce / 4 speed)	766:1						600	Ghisa GS400	Gleason denti dritti Gleason Straight Teeth	38.5	6.3
	353:1					Ductile					
	244:1					Cast iron					
	188:1										



1100 (cod.A0)



Dimensioni / Dimensions



1060
1100

Caratteristiche tecniche / Technical data

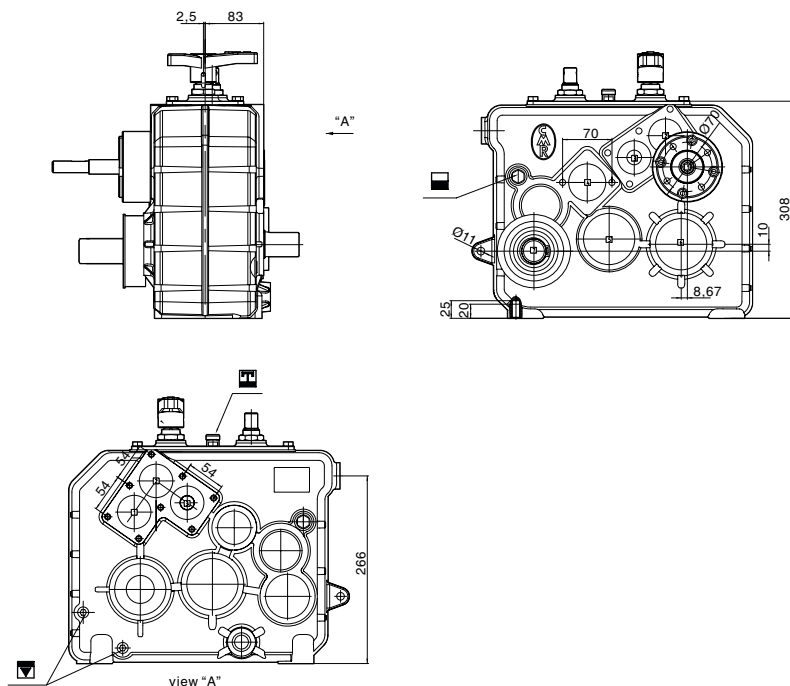
i		Input									
			n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT
Cambio di velocità Gear shift (2 marce / 2 speed)	620:1						1000	Ghisa GS400	Gleason denti dritti Gleason Straight Teeth	39	7
	250:1					Ductile Cast iron					



I110 (cod.A1)



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

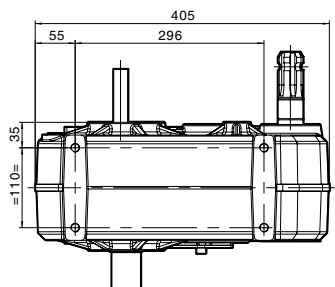
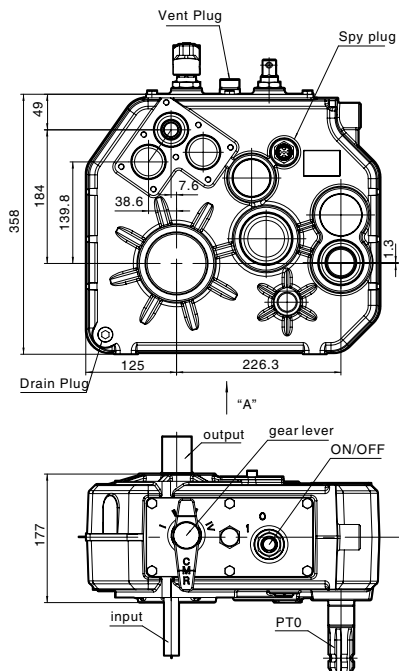
i		Input									
			n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT
Cambio di velocità Gear shift (4 marce / 4 speed)	781:1						1100	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	46	7
	360:1										
	249:1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



1200 (cod.A2)



Dimensioni / Dimensions



VIEW FROM "A"

Caratteristiche tecniche / Technical data

i	Input				T ₁	T ₂	Materiale Material	Dentatura Toothings		
Cambio di velocità Gear shift (2 marce / 2 speed)	250:1				2000	2000	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	52	8
	115:1									
Cambio di velocità Gear shift (4 marce / 4 speed)	756:1				2000	2000	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	52	8
	348:1									
	241:1									
	116:1				2000	2000	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth	52	8

SERIE D

D-30



316

D-32



318

D-36



320

D-43



322

Codifica/Code							
Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Ring Gear Position
				Z	X	Y	
S	R	17	67	01	01	11	X
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 la scelta del terreno di lavoro - Flut movement

Caratteristiche tecniche/Technical data

i	N ₁	N ₂	P ₁	T ₁	T ₂	Materiale
	(rpm)	(rpm)	(kW)	(Nm)	(Nm)	
3,25:1	540	152	2	94	115	cod.67
1,9:1						

Shafts



Sensi di rotazione alberi/Shaft rotation direction

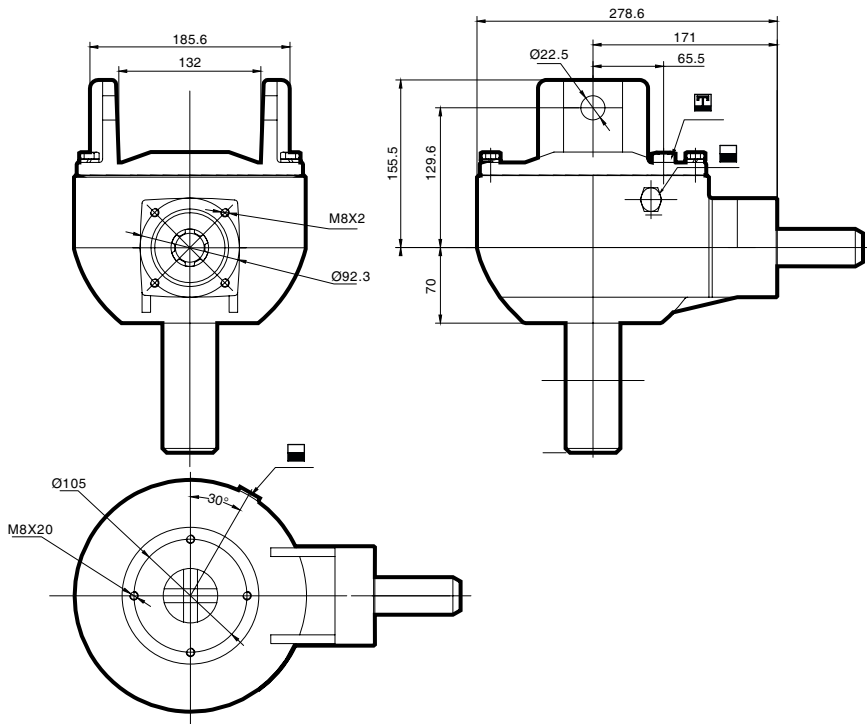


D-30

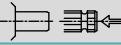
cod.93



Dimensioni / Dimensions

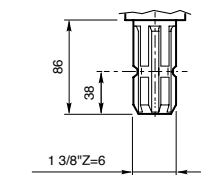


Caratteristiche tecniche / Technical data

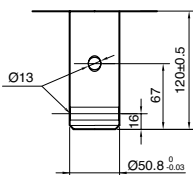
i	Input										
		n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T _i N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
3:1		540	170	30(40)	553	1591	Ghisa GS400 Ductile Cast iron	Gleason denti dritti Gleason Straight Teeth 	28		Vedi pagina seguente See next page

Alberi / Shafts

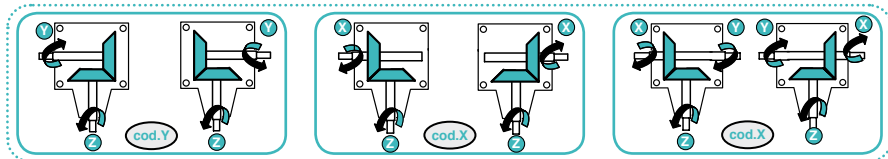
cod.01



X Y



Sensi di rotazione alberi / Shaft direction



cod.R

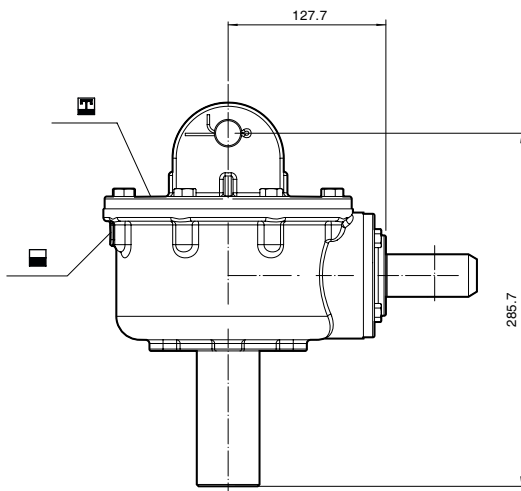
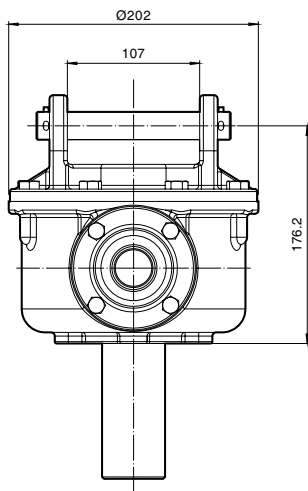
Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit

D-32

(cod.96)



Dimensioni / Dimensions

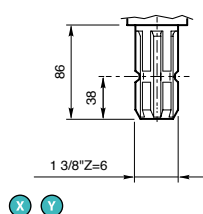


Caratteristiche tecniche / Technical data

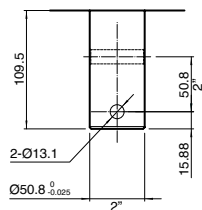
i	Input										
	 $\times$	n_1 rpm input	n_2 rpm output	P_1 Kw(HP)	T_1 N.m(input)	T_2 N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
3:1		540	180	32(44)	566	1200	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth 	23		Vedi pagina seguente See next page

Alberi / Shafts

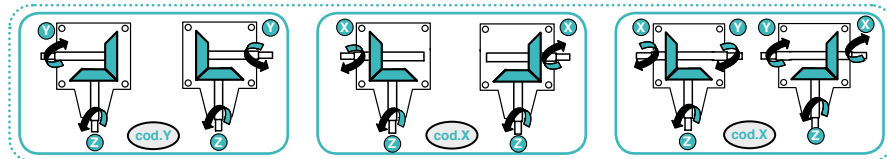
cod.01



X Y



Sensi di rotazione alberi / Shaft direction



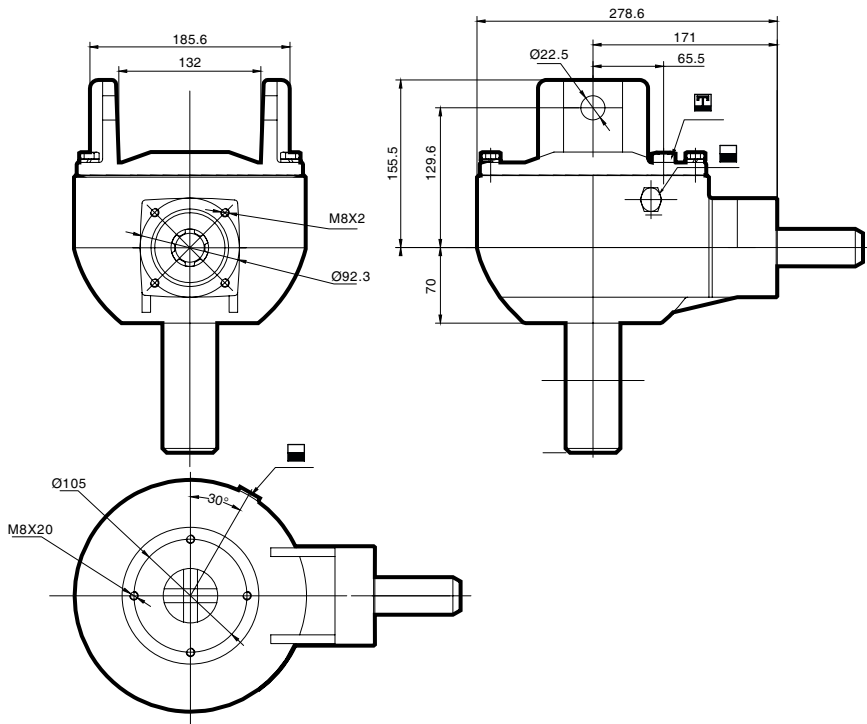
cod.R

Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit

D-36 (cod.97)



Dimensioni / Dimensions

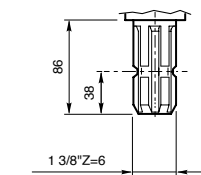


Caratteristiche tecniche / Technical data

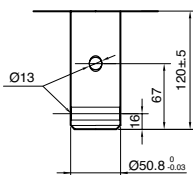
i	Input					Materiale Material	Dentatura Toothings			
	 n_1 rpm input	n_2 rpm output	P_i Kw(HP)	T_1 N.m(input)	T_2 N.m(output)			KG	LT	Alberi Shafts
3:1	 540	180	36.7(50)	650	1950	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth 	28		Vedi pagina seguente See next page

Alberi / Shafts

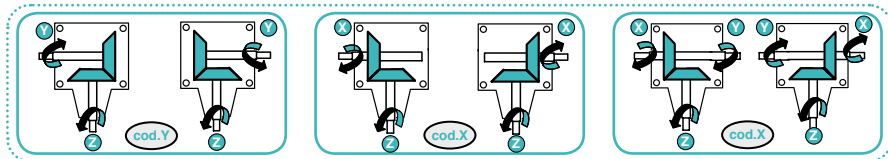
cod.01



X Y



Sensi di rotazione alberi / Shaft direction



cod.R

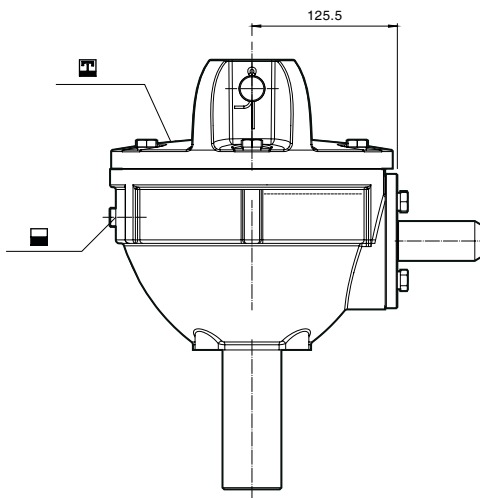
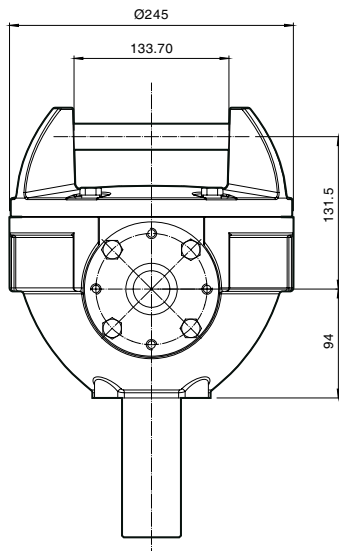
Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit

D-43

cod.98



Dimensioni / Dimensions

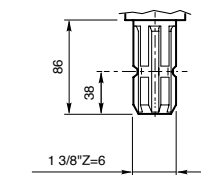


Caratteristiche tecniche / Technical data

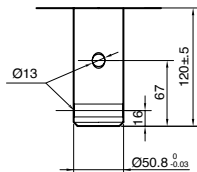
i	Input										
	 n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts	
3.18:1	 cod.46	540	170	43(57)	760	2418	Ghisa G25 Gray Cast iron	Gleason denti dritti Gleason Straight Teeth  cod.19	30		Vedi pagina seguente See next page

Alberi / Shafts

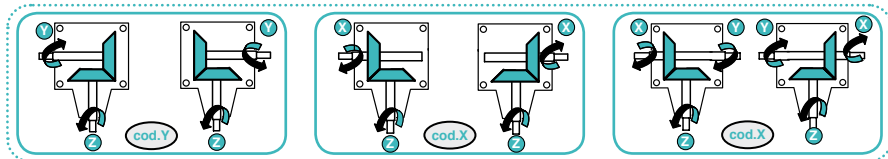
cod.01



X Y



Sensi di rotazione alberi / Shaft direction



cod.R

Rinvio semplice denti dritti
Straight Teeth Simple Angle Gear Unit

Note

[illegible]

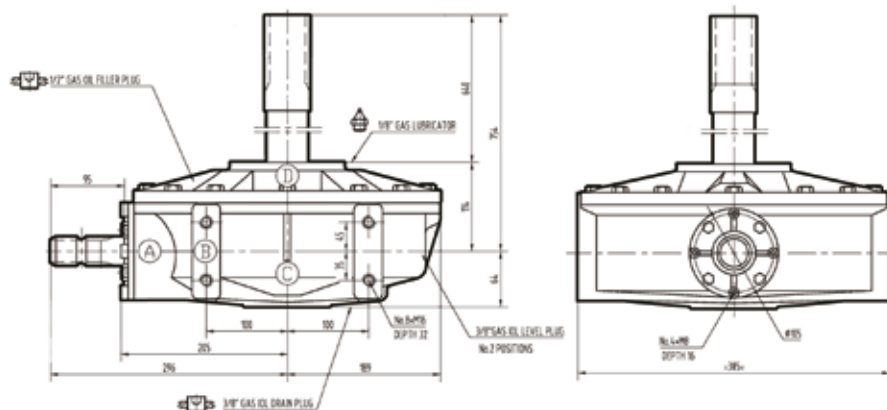
SERIE LS/MX

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

LS26



Dimensioni / Dimensions



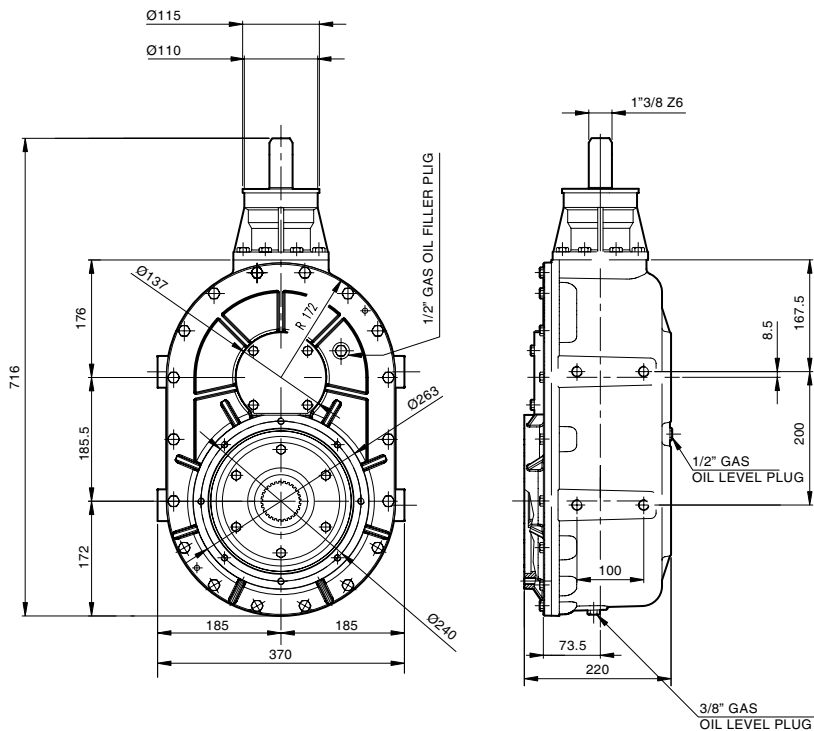
Caratteristiche tecniche / Technical data

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 Toothings	KG	LT	Alberi Shafts	
7.75:1	540	336	19(26)	2600	3125	Ghisa GS400 Ductile Cast iron					

LS75 cod.61



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

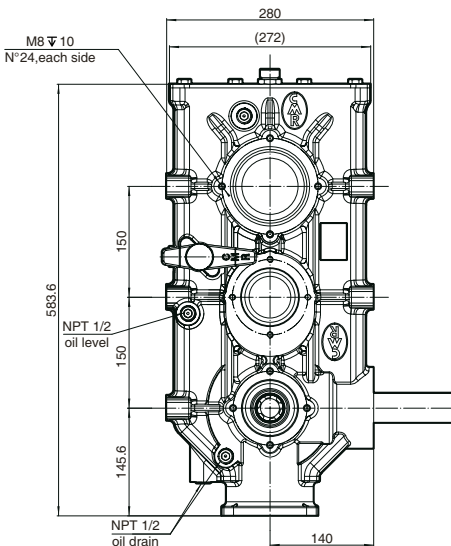
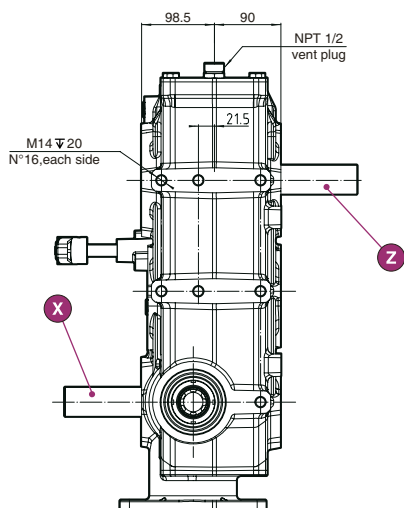
i	Input										
		n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
10.8:1		540	50	55(75)	972	1000	Ghisa GS400 Ductile Cast iron				



MXF80 cod.3F



Dimensioni / Dimensions

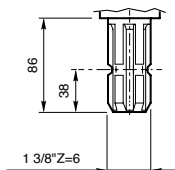


Caratteristiche tecniche / Technical data

i	Input										
		n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
1:1		540	540	60(80)	1061	1061	Ghisa G25 Gray Cast iron	Ingranaggi cilindrici Cilindrical Teeth	60	5.6	Vedi pagina seguente See next page
1.93:1		540	280			2047					

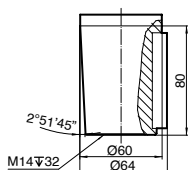
Alberi / Shafts

cod.01



X Y

cod.02

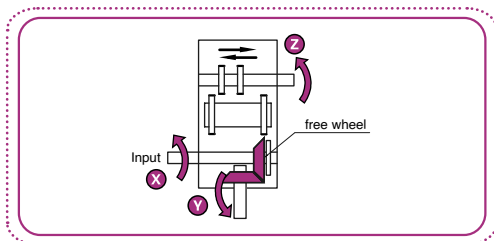


Z

Per alberi differenti contattare l'ufficio tecnico

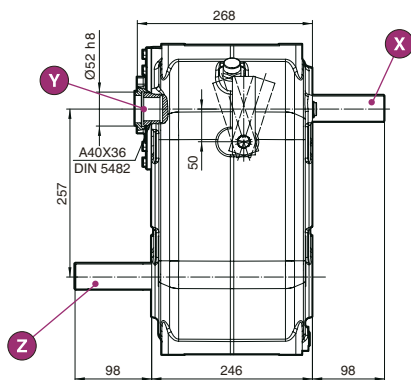
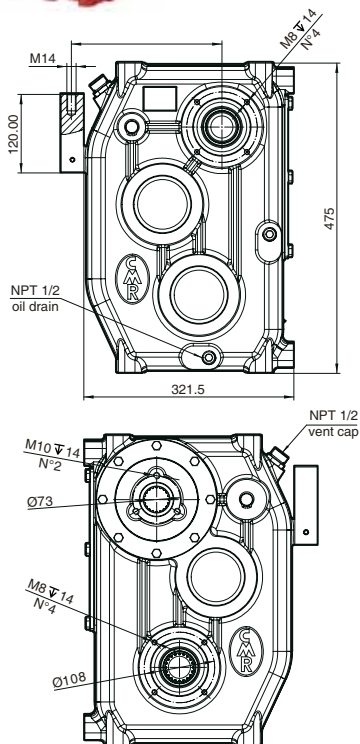
For different shafts please contact CMR Technical Department.

Sensi di rotazione alberi / Shaft direction



MXF125 

Dimensioni / Dimensions

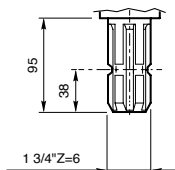


Caratteristiche tecniche / Technical data

i	Input										
		n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)					
1:1			540			1645	Ghisa G25 Gray Cast iron	Ingranaggi cilindrici Cilindrical Teeth	100		Vedi pagina seguente See next page
1.5:1		540	360	93(125)	1645	2467					

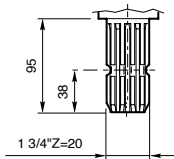
Alberi / Shafts

cod.03



X

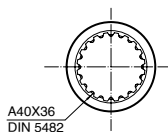
cod.43



Z

cod.

pump

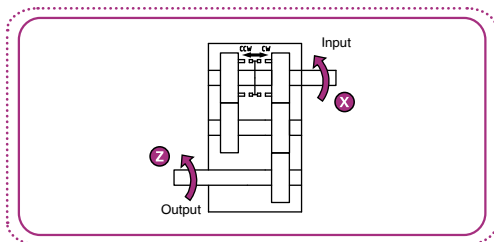


Y

Per alberi differenti
contattare l' ufficio tecnico

For different shafts please
contact CMR Technical
Department.

Sensi di rotazione alberi / Shaft direction

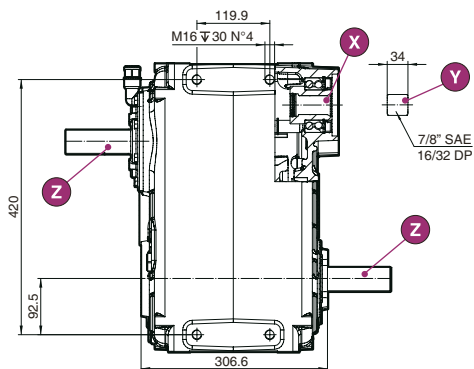
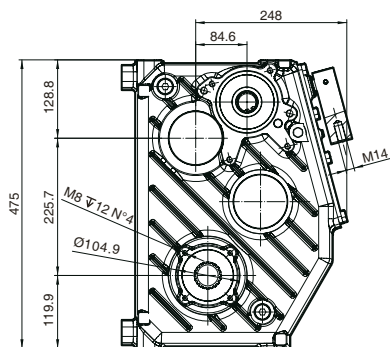




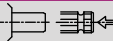
MXF180 cod.2F



Dimensioni / Dimensions

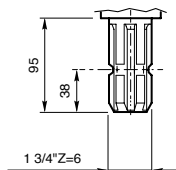


Caratteristiche tecniche / Technical data

i	Input										
	ⓧ / Ⓨ	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	cod.95	540	540	132(180)	2334	2334	Ghisa GS400 Ductile Cast iron	Cilindrica denti elicoidali Cylindrical 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			

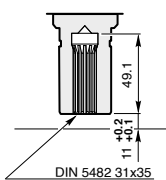
Alberi / Shafts

cod.03



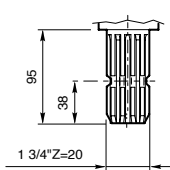
X

cod.69



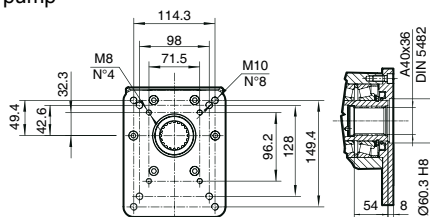
Y

cod.43



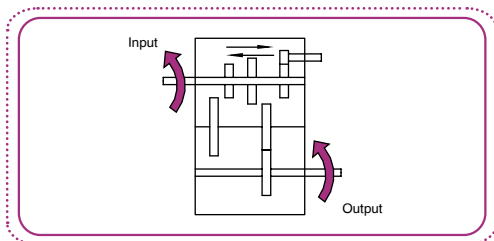
Z

pump



MXF180

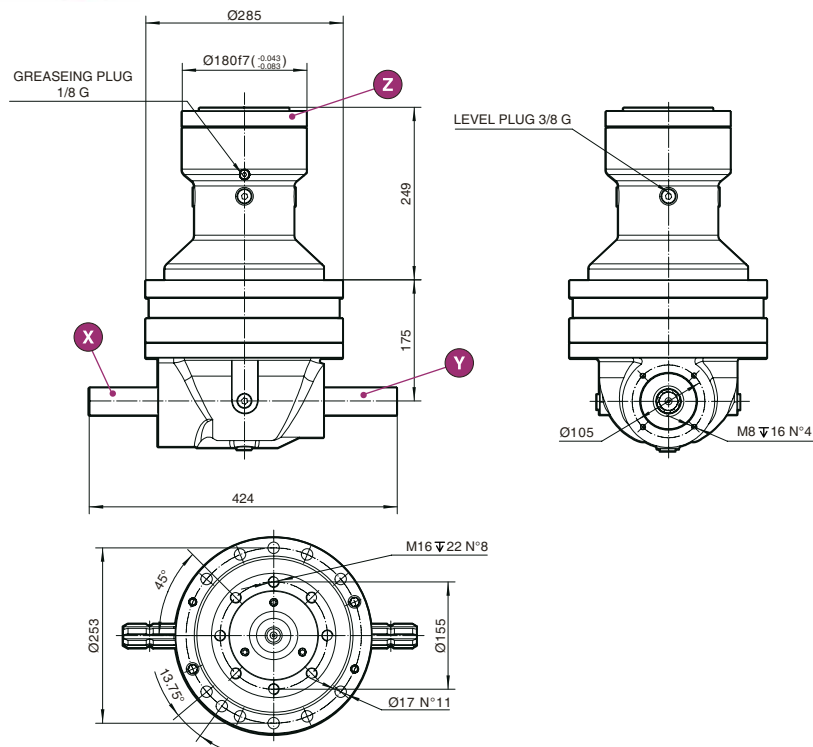
Sensi di rotazione alberi / Shaft direction



MXV06



Dimensioni / Dimensions

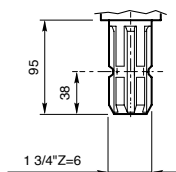


Caratteristiche tecniche / Technical data

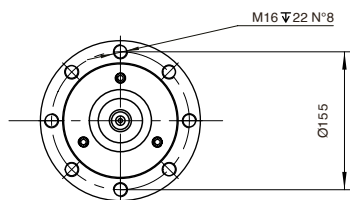
i	Input										
	 / 	n _i rpm input	n ₂ rpm output	P _i Kw(HP)	T _i N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
13.6:1		540				11600	Ghisa GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helica Teeth Ingranaggi cilindrici Cylindrical straight teeth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

Alberi / Shafts

cod.03

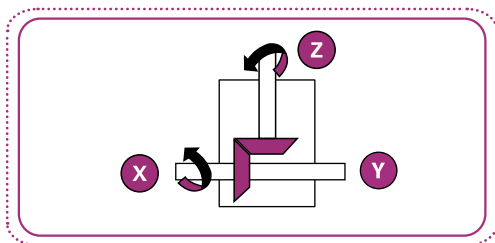


X Y



MXF180

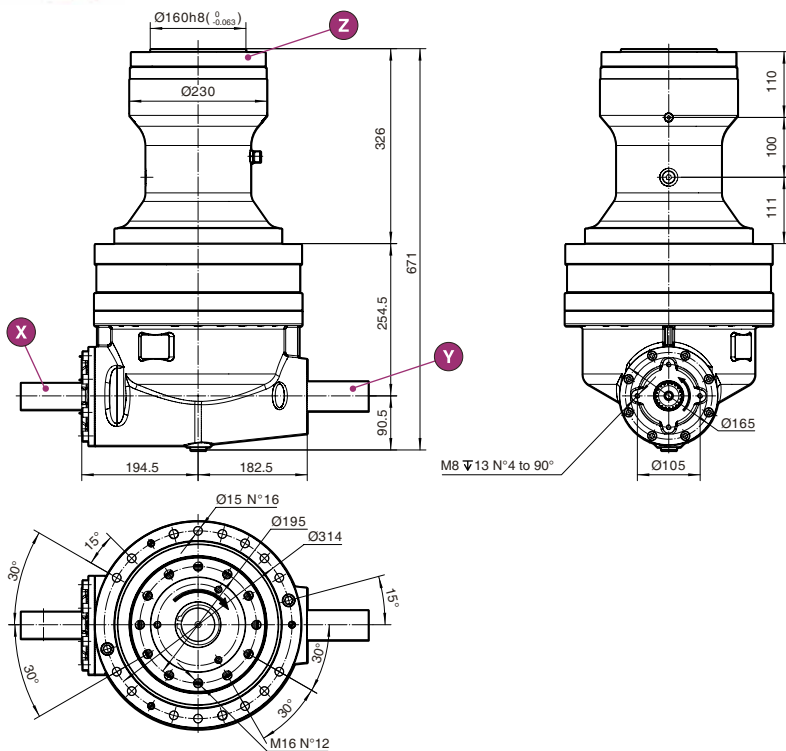
Sensi di rotazione alberi / Shaft direction



MXV08



Dimensioni / Dimensions

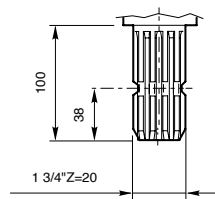


Caratteristiche tecniche / Technical data

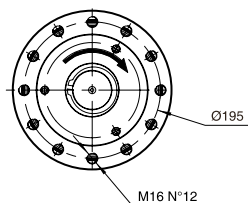
i	Input										
		n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
16.13:1		540				11600	Ghisa GS400 Ductile Cast iron	Gleason denti ellicoidali Gleason Helical Teeth Ingranaggi cilindrici Cylindrical straight teeth	180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

Alberi / Shafts

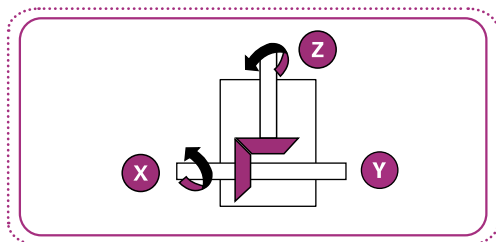
cod.43



X Y



Sensi di rotazione alberi / Shaft direction

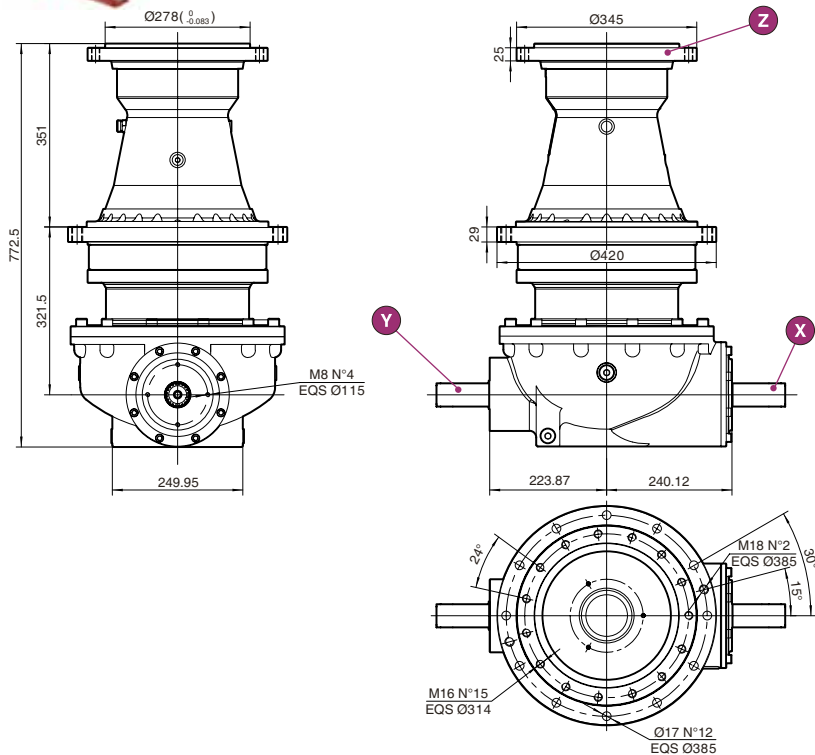




MXV17 cod.M7



Dimensioni / Dimensions

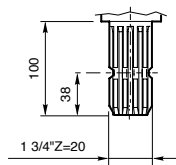


Caratteristiche tecniche / Technical data

i	Input										
	X / Y	n ₁ rpm input	n ₂ rpm output	P _i Kw(HP)	T _i N.m(input)	T ₂ N.m(output)	Materiale Material	Dentatura Toothing	KG	LT	Alberi Shafts
16.15:1	cod.A8	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	cod.45	540	25.6	37.5(50)	663	12310		Ingranaggi cilindrici Cylindrical straight teeth			

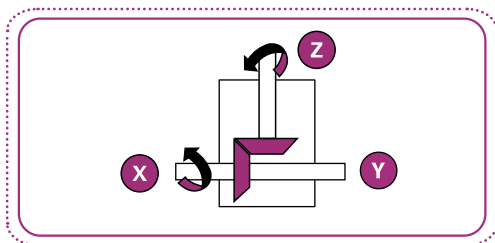
Alberi / Shafts

cod.43



X Y

Sensi di rotazione alberi / Shaft direction

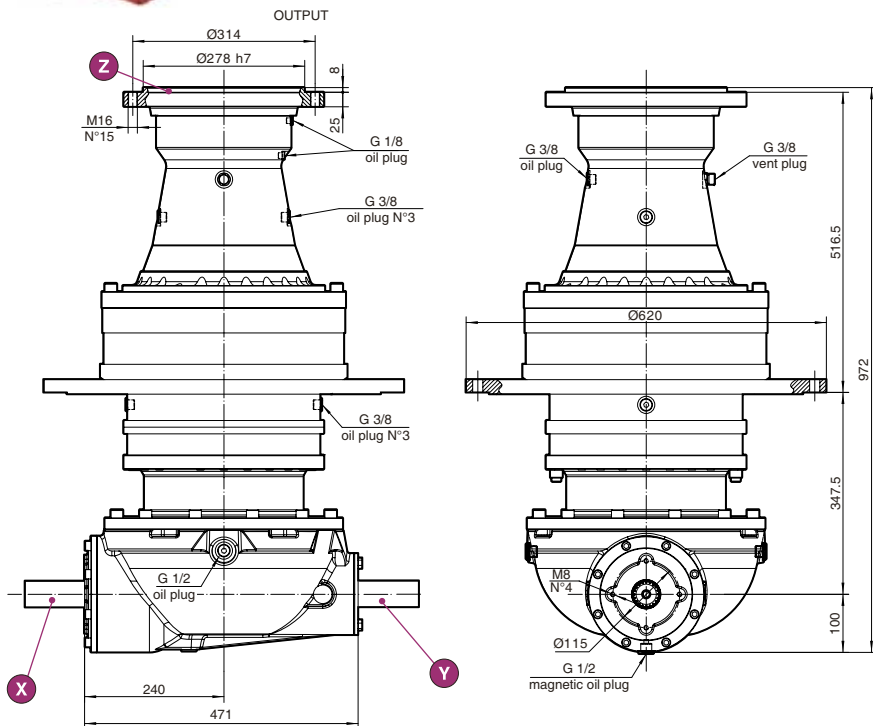




MXV24



Dimensioni / Dimensions

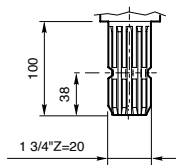


Caratteristiche tecniche / Technical data

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
29.23:1	cod.C1	1000	34			40000	Ghisla GS400 Ductile Cast iron	Gleason denti elicoidali Gleason Helical Teeth Ingranaggi cilindrici Cylindrical straight teeth	440		Vedi pagina seguente See next page

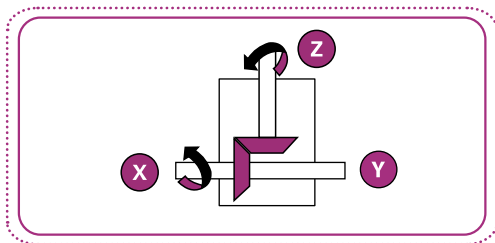
Alberi / Shafts

cod.43



X Y

Sensi di rotazione alberi / Shaft direction



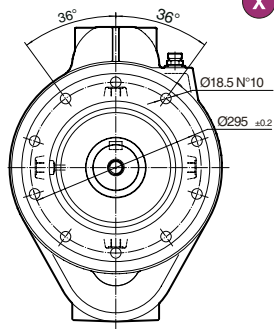
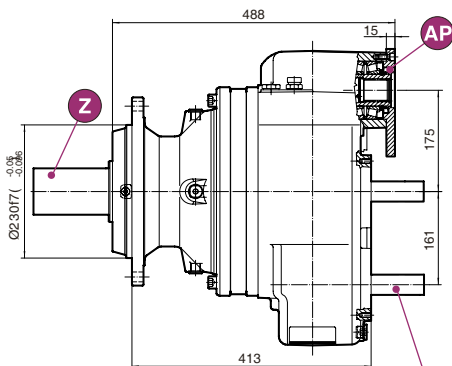
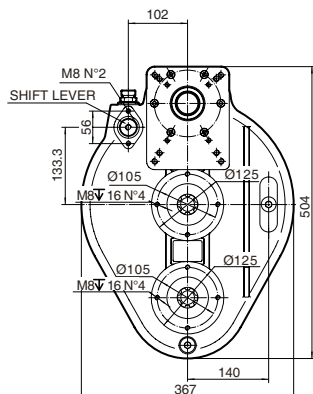


MXH13

cod.M3



Dimensioni / Dimensions

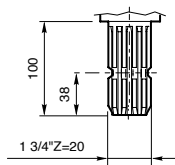


Caratteristiche tecniche / Technical data

i	Input				Materiale Material	Dentatura Toothings	KG	LT	Alberi Shafts
	X / Y	n ₁ rpm input	n ₂ rpm output	P ₁ Kw(HP)	T ₁ N.m(input)	T ₂ N.m(output)			
13.18:1	cod.As	540	41	65/90	670	8820	108		Vedi pagina seguente See next page
8.41:1			64						

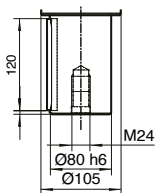
Alberi / Shafts

cod.43



X Y

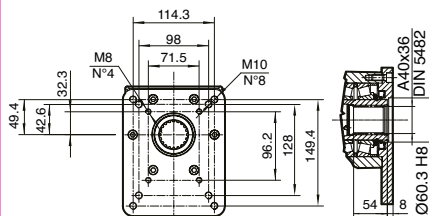
cod.F9



X

pump

cod.C3



MXH13

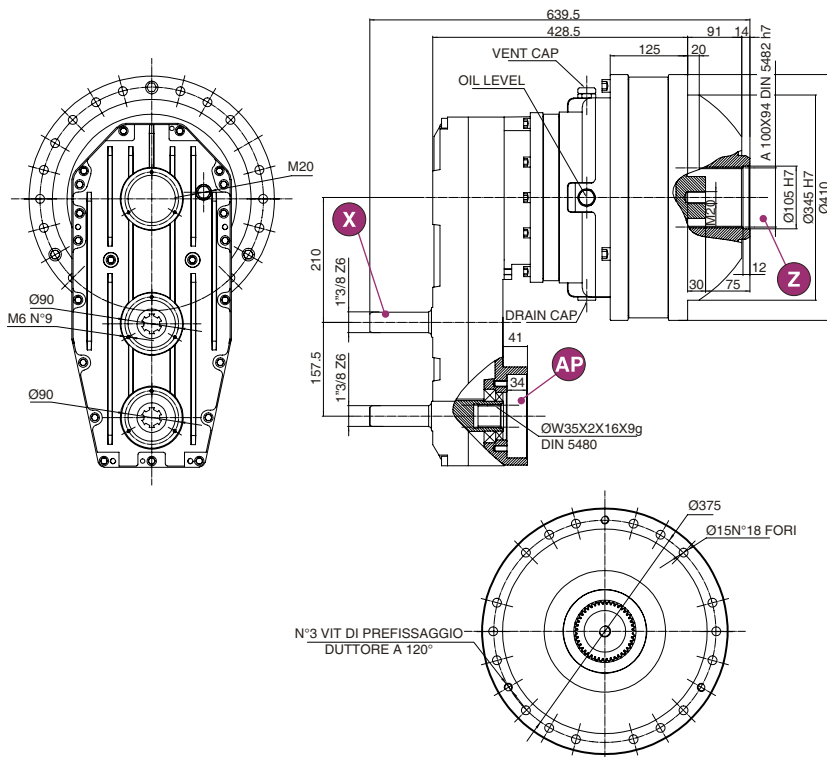
Sensi di rotazione alberi / Shaft direction

MXH32

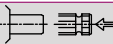
cod.3H



Dimensioni / Dimensions

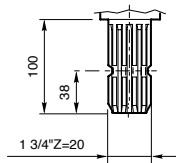


Caratteristiche tecniche / Technical data

i	Input				Materiale Material	Dentatura Tooththing	KG	LT	 Alberi Shafts
	X / Y	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	cod.A2	1000	31			26000		130	8
						Ghisa GS400 Ductile Cast iron			Ingranaggi cilindrici Cylindrical straight teeth
									Vedi pagina seguente See next page

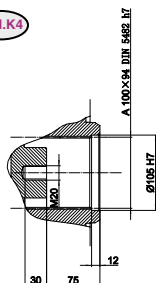
Alberi / Shafts

cod.43



X Y

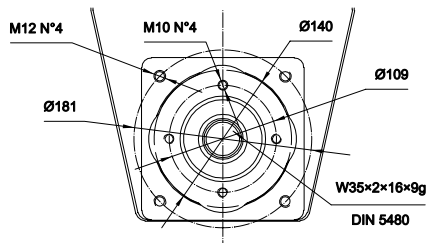
cod.K4



X

pump

cod.D5



Sensi di rotazione alberi / Shaft direction

MXH32

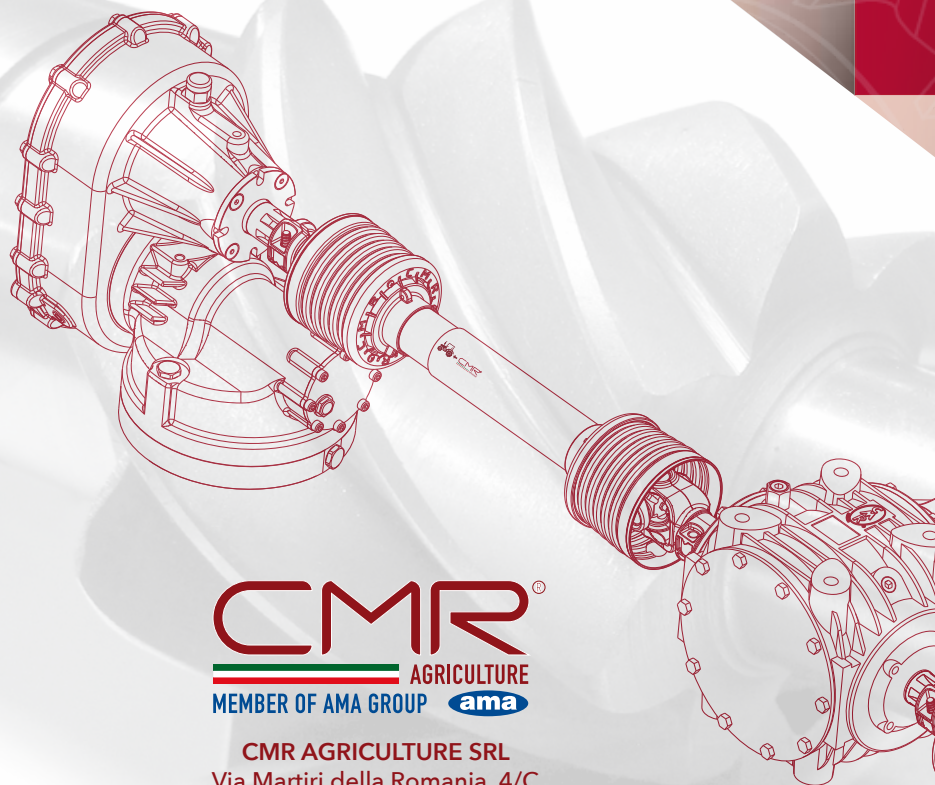
cosa mettiamo?

I dati riportati in questo catalogo non sono impegnativi. **CMR Agriculture** si riserva di apportare modifiche senza preavviso. La riproduzione anche parziale del contenuto di questo catalogo è consentita soltanto con specifica autorizzazione di **CMR Agriculture**. Questo documento è stato redatto con la massima attenzione, tuttavia si declina ogni responsabilità per eventuali errori od omissioni.

*The technical data reported in this catalog are not binding. **CMR Agriculture** reserves the right to change without notice. No part of this manual may be reproduced without specific permission of **CMR Agriculture**. This document has been drawn up with the greatest attention. **CMR Agriculture** denies liability for any possible mistake or omission.*



Rev. 1.2025



CMR[®]
AGRICULTURE
MEMBER OF AMA GROUP **ama**

CMR AGRICULTURE SRL
Via Martiri della Romania, 4/C
42020 Borzano di Albinea
Reggio Emilia, Italy
Tel. +39 0522 057699