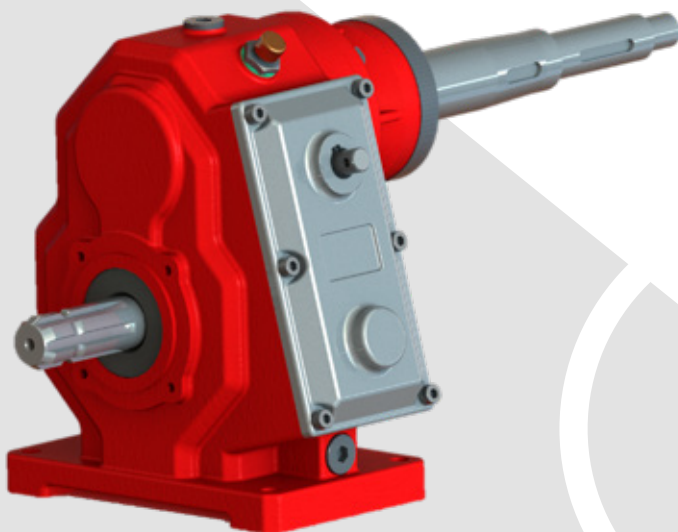


Catalogo tecnico generale
General technical catalogue

SCATOLE A INGRANAGGI AD ASSI PARALLELI *PARALLEL-AXIS GEARBOXES*



SERIE P



SERIE P

Scatole ad assi paralleli

P SERIES

Parallel Axis Gearbox



Fasciatori
Bale Wrapper



Cippatrici
Wood chipper



Generatori di corrente
Power Generators

4

SERIE PA



SERIE PA

**Moltiplicatori per
atomizzatori**

PA SERIES

Sprayers Gearbox



Atomizzatori
Sprayers

22

SERIE P		
P20	 Fasciatori Bale Wrapper	6
P35	 Cippatrici Wood chipper	8
P35C	 Generatori di corrente Power Generators	10
P45	 Cippatrici Wood chipper	12
P45C	 Generatori di corrente Power Generators	14
P62	 Generatori di corrente Power Generators	16
PR4	 Generatori di corrente Power Generators	18
PR6	 Generatori di corrente Power Generators	20

Codifica/Code

Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Crown 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	vedi pagine dedicate see dedicated page	vedi pagine dedicate see dedicated page



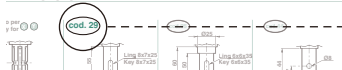
Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

	n_1	n_2	P_1	T_{n1}	T_{n2}	M
	[rpm]	[rpm]	[kW]	[Nm]	[Nm]	Alberi Shafts
3.25	cod.53					
3.25	8.4A	9.8A	4	1.9B	1.6B	

Shafts



Sensi di rotazione alberi / Shaft rotation directions

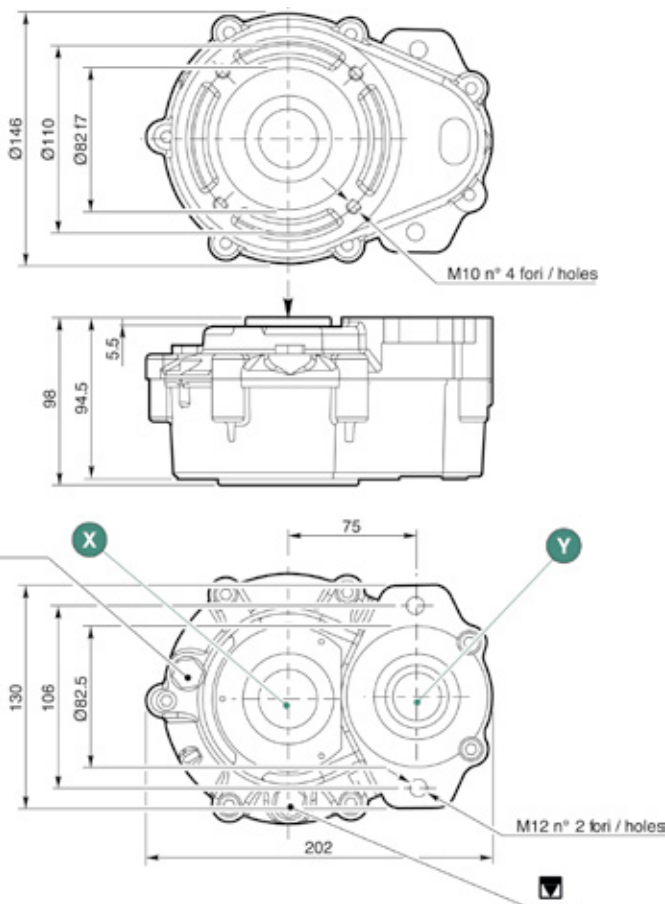


P20

cod.61



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

Modello Model	i Rapporto Ratio (i)	Codice rapporto Input X	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
P20	2.93:1	cod.29	540	184	13.2(18)	232	680	8.8	0.8

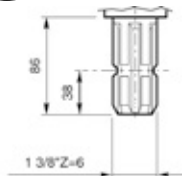
Per gli alberi vedi pagina seguente / See next page for shafts

Ingranaggi cilindrici elicoidali / Helical cylindrical gears

Scatola in Ghisa grigia G25 / Gray Cast iron GJL 250 housing

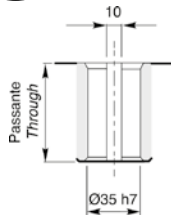
Alberi / Shafts

cod.01

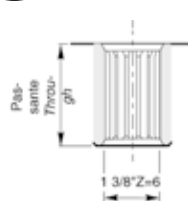


X Y

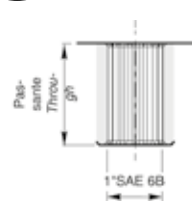
cod.74



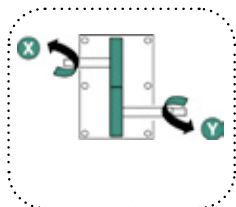
cod.75



cod.82



Sensi di rotazione / Rotations



cod.P

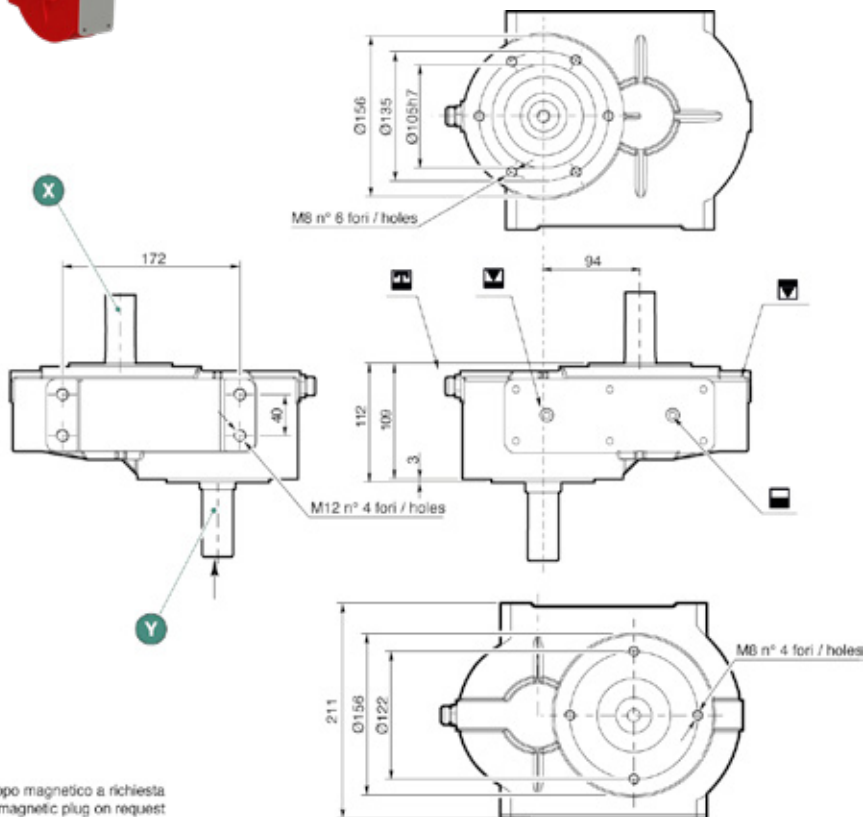
**Riduttore a
ingranaggi paralleli**
Parallel shaft gear unit

P35

cod.64



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

Modello Model	i Rapporto Ratio (i)	Codice rapporto Input X	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
P35	1:7	cod.88	540	3780	27/36	476	68	16	0.8
P35	1:5.4	cod.25	540	2916	27/36	476	95	16	0.8
P35	1:3.4	cod.19	540	1836	38.7/51.9	684	201	16	0.8
P35	1:1.5	cod.53	540	810	27/36	476	300	16	0.8
P35	1.5:1	cod.86	540	360	18/25	300	450	16	0.8

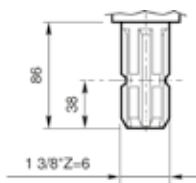
Per gli alberi vedi pagina seguente / See next page for shafts

Ingranaggi cilindrici elicoidali / Helical cylindrical gears

Scatola in Ghisa grigia G25 / Gray Cast iron GJL 250 housing

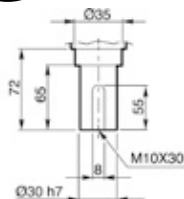
Alberi / Shafts

cod.01



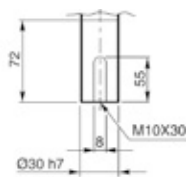
X

cod.18



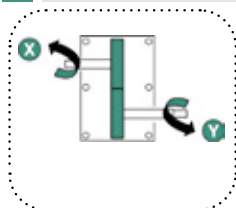
Y

cod.15



Y

Sensi di rotazione / Rotations



cod.P

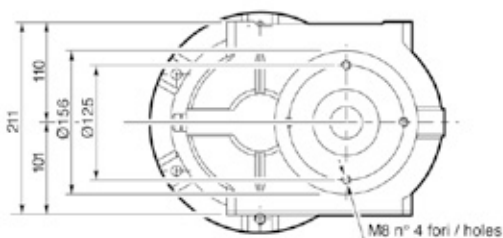
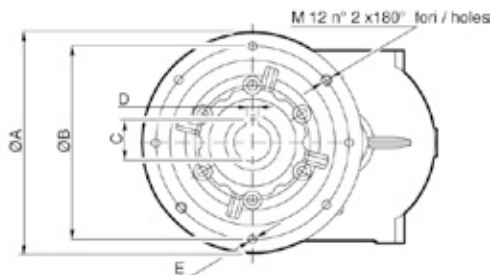
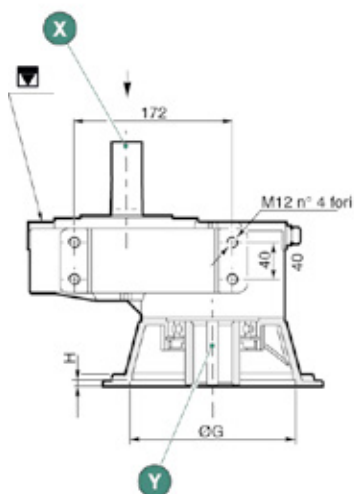
**Riduttore a
ingranaggi paralleli**
Parallel shaft gear unit

P35C

cod.64



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

Modello Model	i Rapporto Ratio (i)	Codice rapporto Input X	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olío Oil
P35C	1:7	cod.88	505	3500	17/23	387	55	16	0.8
P35C	1:3.73	cod.82	408	1500	20/27	457	122	22	0.8
P35C	1:3.73	cod.82	483	1800	23/31	451	120	22	0.8
P35C	1:3.4	cod.19	441	1500	33.3/44.7	711	209	22	0.8
P35C	1:3.4	cod.19	529	1800	38.7/51.9	687	202	22	0.8

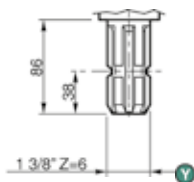
Per gli alberi vedi pagina seguente / See next page for shafts

Ingranaggi cilindrici elicoidali / Helical cylindrical gears

Scatola in Ghisa grigia G25 / Gray Cast iron GJL 250 housing

Alberi / Shafts

cod.01



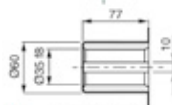
cod.97



cod.88



A	240
B	210
C	.3
D	10 D10
E	Ø11 n° 4 for/holes
F	74.5
G	Ø180 ^{max} _{min}
H	7

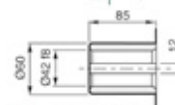


Boccola/Bush

cod.96

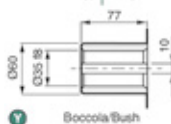
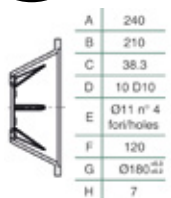


A	310
B	286
C	45.3
D	12 D10
E	Ø11 n° 6 for/holes
F	82.5
G	Ø266.722
H	7



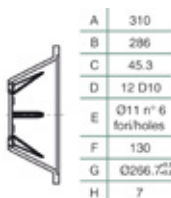
Boccola di Mare

cod.9A



Bacopa Bush

cod.9B



Boccola/Bush

cod.9C



Baccola/Bast

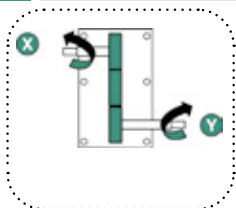
cod.9D



Boccola/Burst

	cod.01	cod.97	cod.88	cod.96	cod.9A	cod.9B	cod.9C	cod.9D
			22	24.5	24	27	27	29

Sensi di rotazione / Rotations



cod.P

**Riduttore a
ingranaggi paralleli**
Parallel shaft gear unit

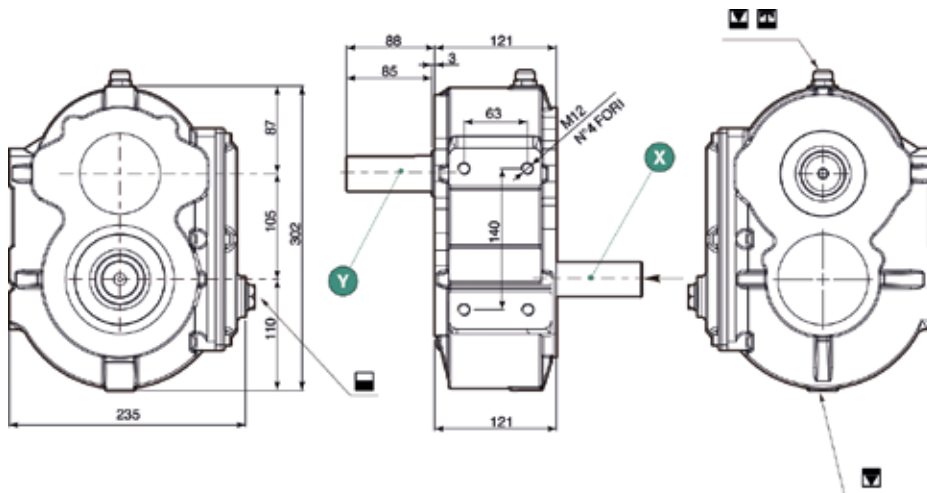


P45

cod.69



Dimensioni / Dimensions



** tappo magnetico a richiesta
magnetic plug on request

Caratteristiche tecniche / Technical data

	i	Codice rapporto							
Modello Model	Rapporto Ratio (i)	Input X	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
P45	1:7	cod.88	505	3500	23/31	436	63	22	1.5
P45	1:3.47	cod.24	432	1500	41/55	897	255	22	1.5
P45	1:3.47	cod.24	518	1800	48/65	884	255	22	1.5

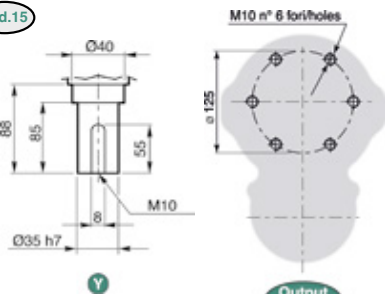
Per gli alberi vedi pagina seguente / See next page for shafts

Ingranaggi cilindrici elicoidali / Helical cylindrical gears

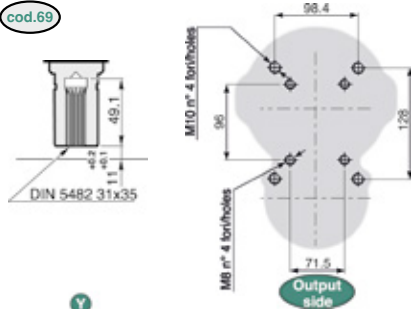
Scatola in Ghisa grigia G25 / Gray Cast iron GJL 250 housing

Alberi / Shafts

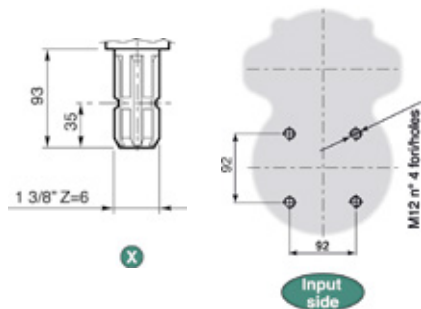
cod.15



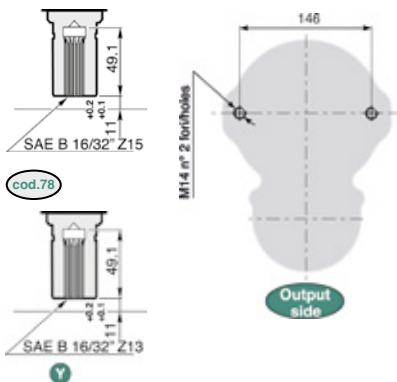
cod.69



cod.01



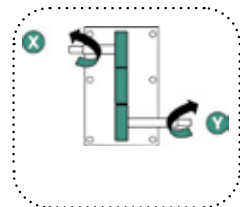
cod.86



cod.78



Sensi di rotazione / Rotations



cod.P

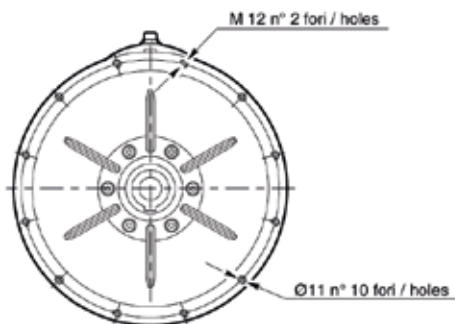
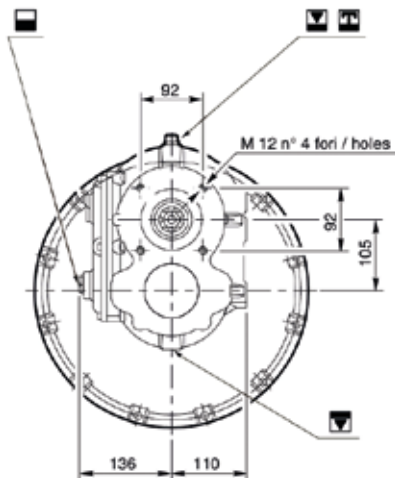
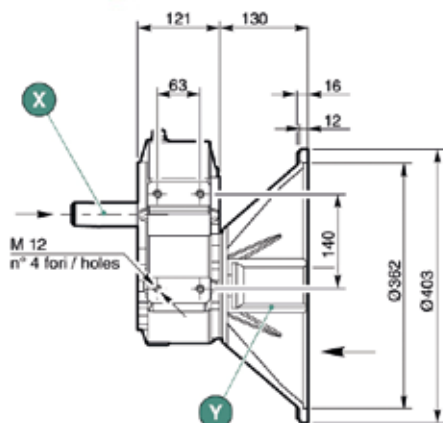
Riduttore a ingranaggi paralleli
Parallel shaft gear unit

P45C

cod.69



Dimensioni / Dimensions



** tappo magnetico a richiesta
magnetic plug on request

Caratteristiche tecniche / Technical data

Modello Model	i Rapporto Ratio (i)	Codice rapporto Input X	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
P45C	1:7	cod.88	540	3780	50/68	884	126	22	1.5
P45C	1:3.47	cod.24	540	1874	50/68	884	255	22	1.5

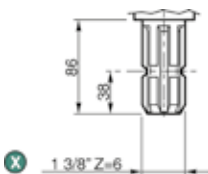
Per gli alberi vedi pagina seguente / See next page for shafts

Ingranaggi cilindrici elicoidali / Helical cylindrical gears

Scatola in Ghisa grigia G25 / Gray Cast iron GJL 250 housing

Alberi / Shafts

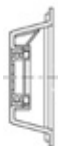
cod.01



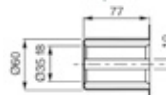
cod.97



cod.88

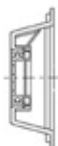


A	240
B	210
C	38.3
D	10 D10
E	Ø11 n° 4 fori/holes
F	74.5
G	Ø180 ^{+0.2/-0.2}
H	7

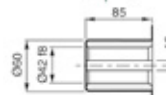


Boccola/Bush

cod.96

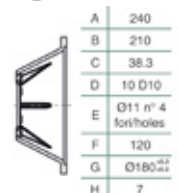


A	310
B	286
C	45.3
D	12 D10
E	Ø11 n° 6 fori/holes
F	82.5
G	Ø266 ^{+0.2/-0.2}
H	7



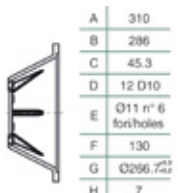
Boccola/Bush

cod.9A



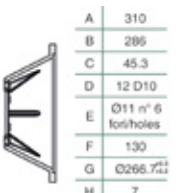
Boccola/Bush

cod.9B



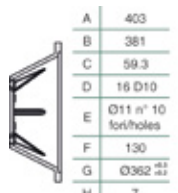
Boccola/Bush

cod.9C



Boccola/Bush

cod.9D



Boccola/Bush

	cod.01	cod.97	cod.88	cod.96	cod.9A	cod.9B	cod.9C	cod.9D
			22	24.5	24	27	27	29

Sensi di rotazione / Rotations



cod.P

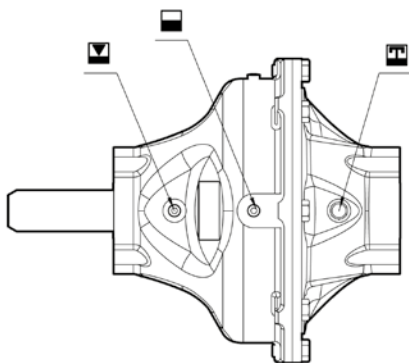
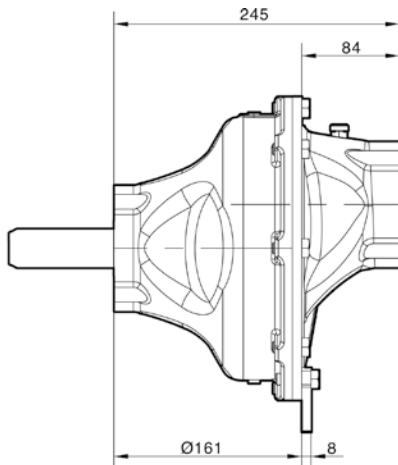
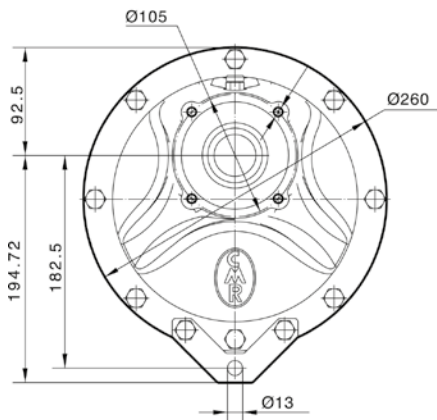
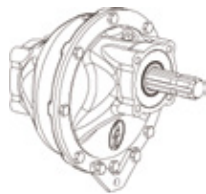
Riduttore a ingranaggi paralleli
Parallel shaft gear unit

P62

cod.92



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

	i	Codice rapporto							
Modello Model	Rapporto Ratio (i)	Input X	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
P62	1:1.88	cod.12	540	1015	55/75	973	517	22	1.5
P62	1.88:1	cod.37	1000	532	55/75	525	987	22	1.5

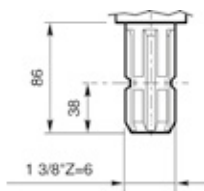
Per gli alberi vedi pagina seguente / See next page for shafts

Ingranaggi cilindrici denti dritti / Spur Gears

Scatola in Ghisa grigia G25 / Gray Cast iron GJL 250 housing

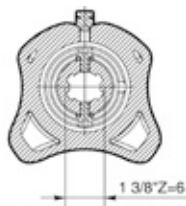
Alberi / Shafts

cod.01



X Y

cod.75



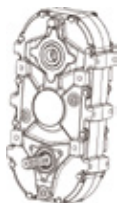
X Y

Sensi di rotazione / Rotations



cod.P

**Riduttore a
ingranaggi paralleli**
Parallel shaft gear unit

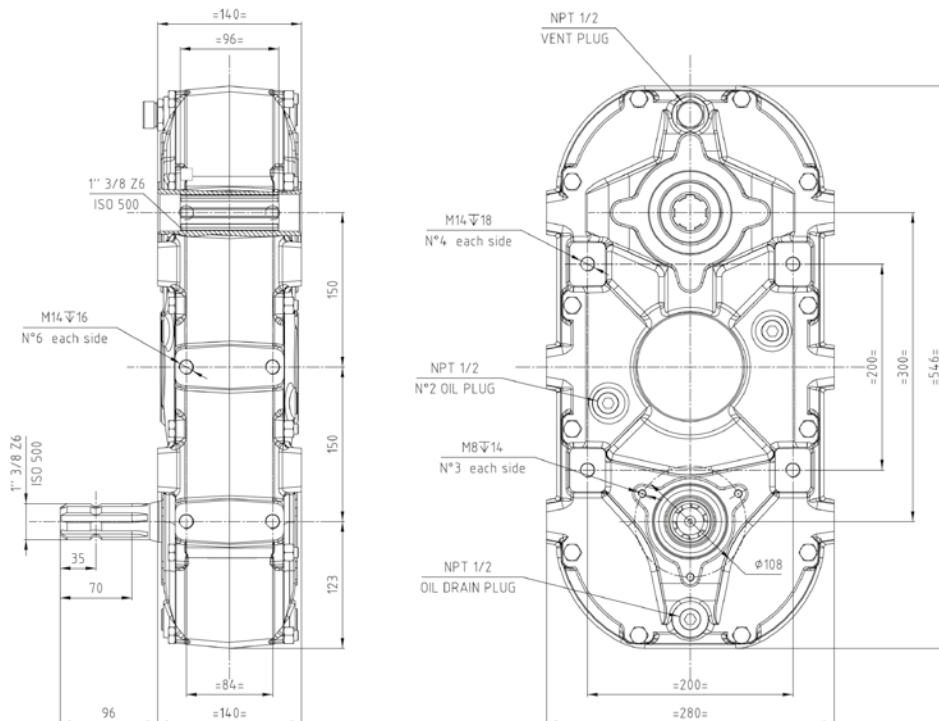


PR4

cod.4R



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

Modello Model	i Rapporto Ratio (i)	Codice rapporto Input X	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
PR4	1:1	cod.06	540	540	73.5(100)	1320	1320	52	3.9
PR4	1.94:1	cod.26	540	278	59(80)	1850	1061	52	3.9

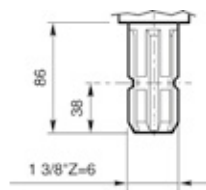
Per gli alberi vedi pagina seguente / See next page for shafts

Ingranaggi cilindrici a denti dritti o elicoidali / Cylindrical gears with straight or helical teeth

Scatola in Ghisa grigia G25 / Gray Cast iron GJL 250 housing

Alberi / Shafts

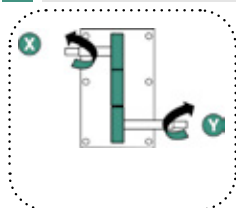
cod.01



cod.75



Sensi di rotazione / Rotations



cod.P

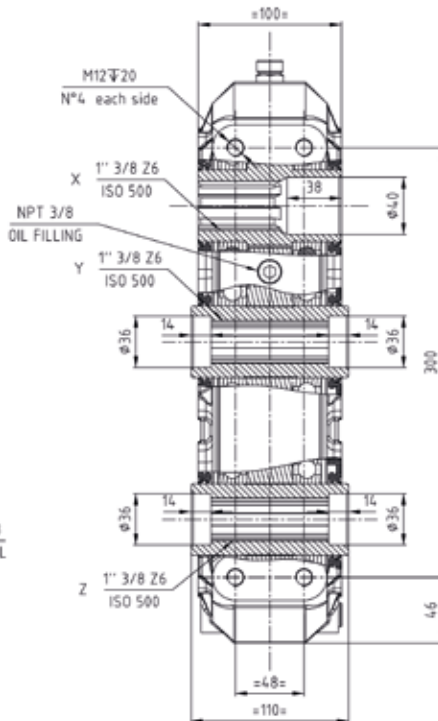
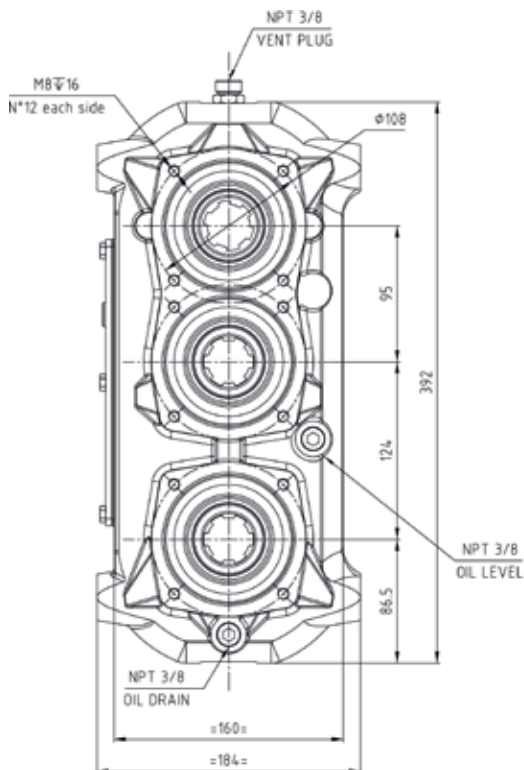
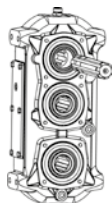
Riduttore a ingranaggi paralleli
Parallel shaft gear unit

PR6

cod.6R



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

Modello Model	i Rapporto Ratio (i)	Codice rapporto Input X	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
PR6	INPUT X 1:2	cod.81	540	1080	44(59)	380	780	26	1.1
PR6	INPUT Y 2:1	cod.81	1000	500	44(59)	818	422	26	1.1

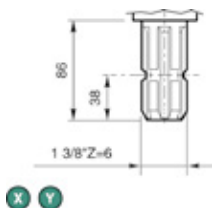
Per gli alberi vedi pagina seguente / See next page for shafts

Ingranaggi cilindrici a denti dritti o elicoidali / Cylindrical gears with straight or helical teeth

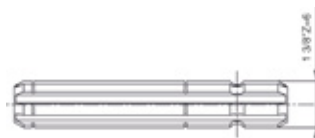
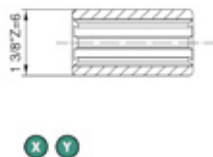
Scatola in Ghisa grigia G25 / Gray Cast iron GJL 250 housing

Alberi / Shafts

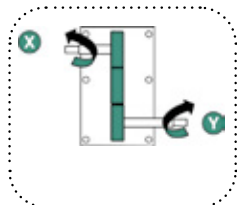
cod.01



cod.75



Sensi di rotazione / Rotations



cod.P

Riduttore a ingranaggi paralleli
Parallel shaft gear unit

SERIE PA

PA25



24

PA30



26

PA50



28

PA60



30

PA60F



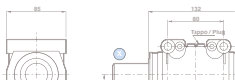
32

Codifica/Code

Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Crown 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



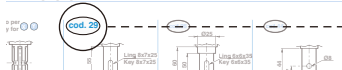
Dimensioni / Dimensions



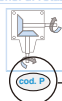
Caratteristiche tecniche / Technical data

	n_1	n_2	P_1	T_{n1}	T_{n2}	Alberi / Shafts
	[rpm]	[rpm]	[kW]	[Nm]	[Nm]	
3.25	cod.53					
1-4-1	6.4A	9.6A	4	1.9B	1.6B	

Shafts



Sensi di rotazione alberi / Shaft rotation directions

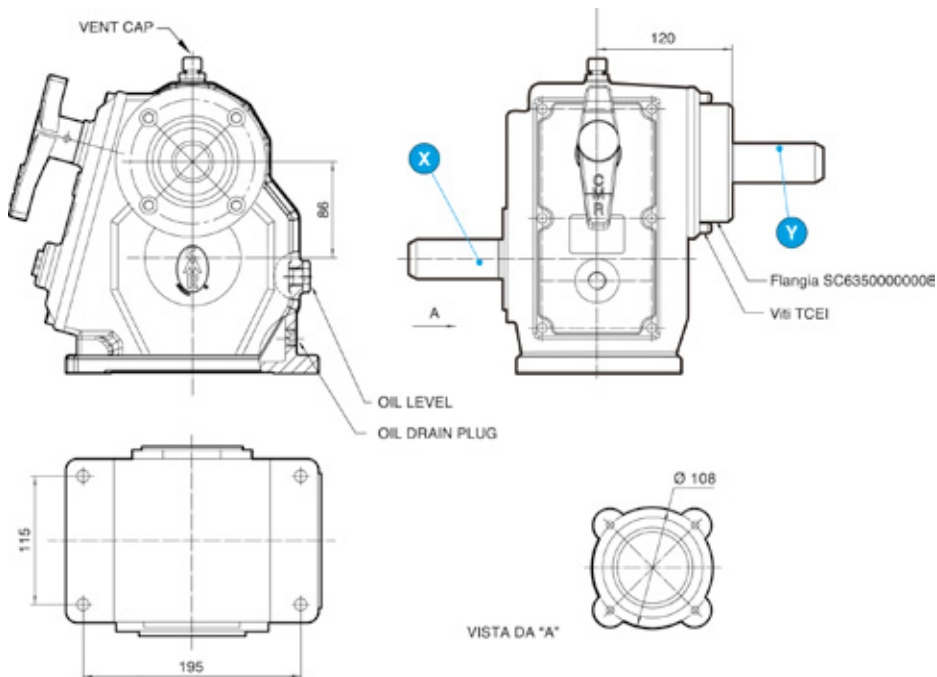


PA25

cod.62



Dimensioni / Dimensions

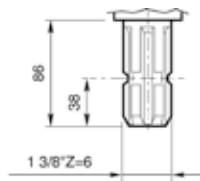


Caratteristiche tecniche / Technical data

Modello Model	i Rapporto Ratio (i)	Codice rapporto Input X	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Grasso Grease
PA25	1:4	cod.78	540	2140	22(30)	389	97	16	0.6
Per gli alberi vedi pagina seguente / See next page for shafts									
Ingranaggi cilindrici elicoidali / Helical cylindrical gears									
Scatola in Ghisa grigia G25 / Gray Cast iron G.JL 250 housing									

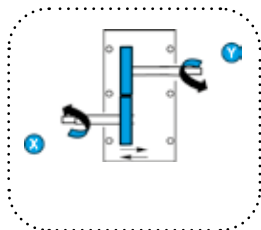
Alberi / Shafts

cod.01



For different shafts please contact
CMR Technical Department.

Sensi di rotazione / Rotations



cod.P

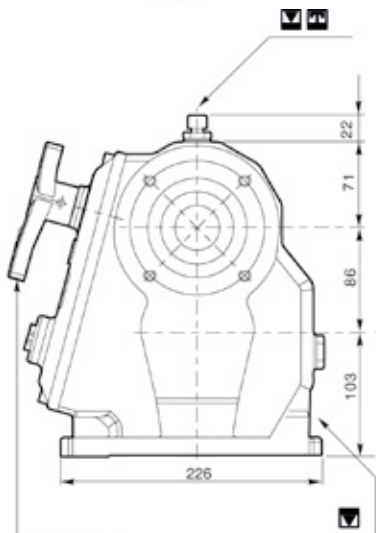
**Riduttore a
ingranaggi paralleli**
Parallel shaft gear unit

PA30

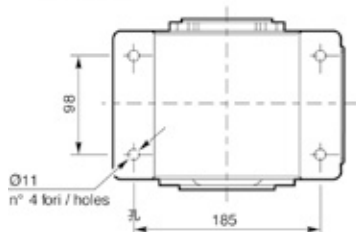
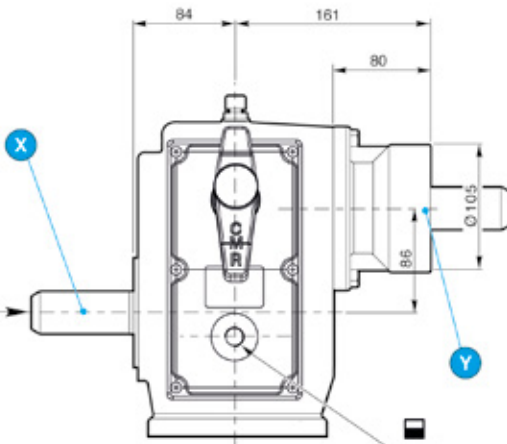
cod.63



Dimensioni / Dimensions



Leva cambio
Gear Shift



Caratteristiche tecniche / Technical data

Modello Model	i Rapporto Ratio (i)	Codice rapporto Input X	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
PA30	1:4 1:2.95	cod.78	540	2160 1593	29/39.4 21.5/29.2	407 365	102 124	27.3	1.7
PA30	1:4.9 1:4	cod.49	540	2646 2160	23/31.3 29/39.4	407	83 102	27.3	1.7

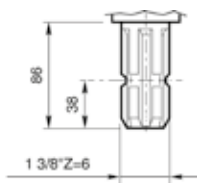
Per gli alberi vedi pagina seguente / See next page for shafts

Ingranaggi cilindrici elicoidali / Helical cylindrical gears

Scatola in Ghisa grigia G25 / Gray Cast iron GJL 250 housing

Alberi / Shafts

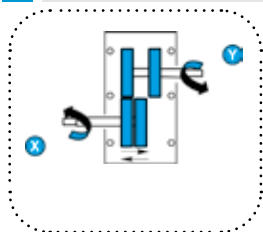
cod.01



X

For different shafts please contact CMR Technical Department.

Sensi di rotazione / Rotations



cod.P

**Riduttore a
ingranaggi paralleli**
Parallel shaft gear unit

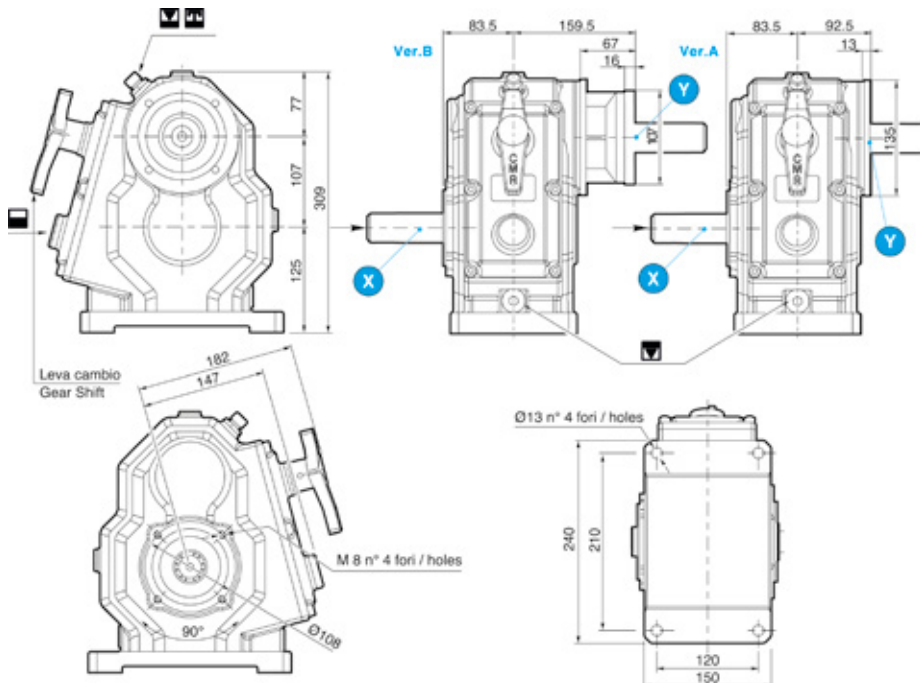
PA30

PA50

cod.66



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

Modello Model	i Rapporto Ratio (i)	Codice rapporto Input X	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
PA50	1:7.2	cod.80	540	3888	23.5/32	396	55	32	20
PA50	1:3.6 1:3	cod.93	540	1944 1620	35.3/48 29.5/40.1	597 501	166 167	32	20
PA50	1:3.9 1:3	cod.71	540	2160 1620	33/44.9 29.5/40.1	561 501	144 167	32	20
PA50	1:5 1:3.9	cod.40	540	2700 2106	35.3/48 33/44.9	600 561	120 144	32	20

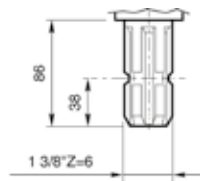
Per gli alberi vedi pagina seguente / See next page for shafts

Ingranaggi cilindrici elicoidali / Helical cylindrical gears

Scatola in Ghisa grigia G25 / Gray Cast iron G.JL 250 housing

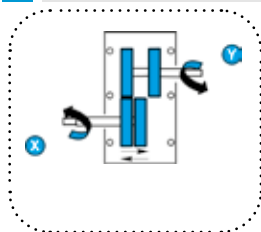
Alberi / Shafts

cod.01



For different shafts please contact CMR Technical Department.

Sensi di rotazione / Rotations



cod.P

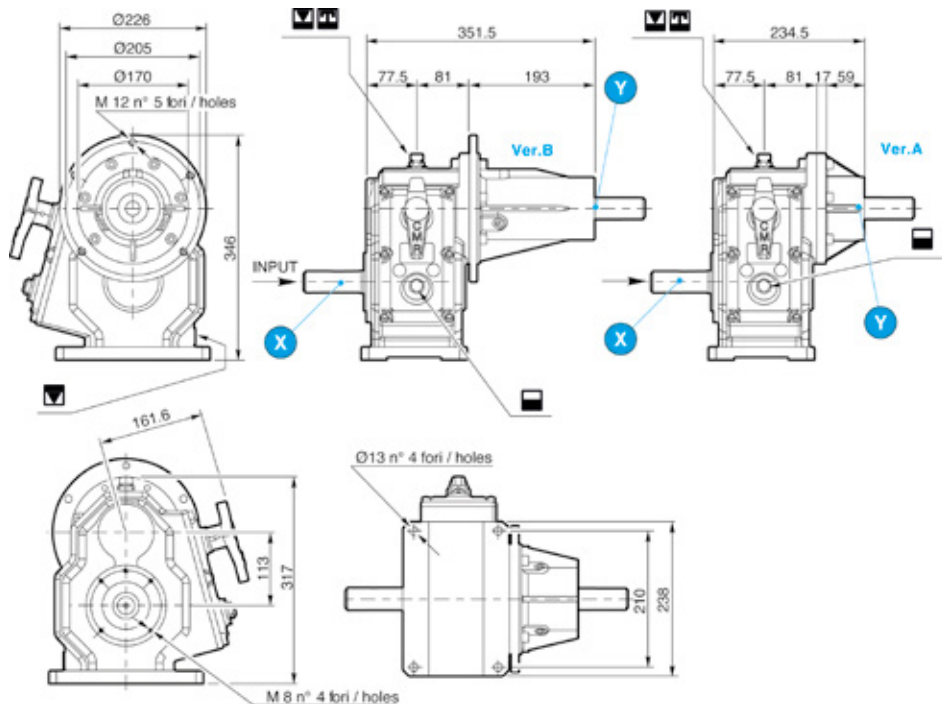
**Riduttore a
ingranaggi paralleli**
Parallel shaft gear unit

PA60

cod.60



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

Modello Model	i Rapporto Ratio (i)	Codice rapporto Input X	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
PA60	1:3.88	cod.87	540	2095	43/58	729	188	41	2.1
PA60	1:4.5	cod.71	540	2430	49/66.6	832	185	41	2.1
PA60	1:3.6			1944	43/58.5	730	203		
PA60	1:5.5	cod.96	540	2970	49/46.6	830	151	41	2.1
PA60	1:4.5			2430		832	185		
PA60	1:5.5	cod.75	540	2970	49/46.6	830	151	41	2.1
PA60	1:5			2700			166		
PA60	1:6	cod.77	540	3240	52/70.7	882	147	41	2.1
PA60	1:4			2160	53/72.1	760	225		
PA60	1:7.5	cod.76	540	4050	38/51.7	645	86	41	2.1
PA60	1:7			3780		644	92		

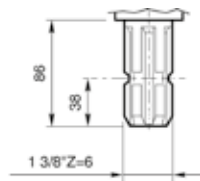
Per gli alberi vedi pagina seguente / See next page for shafts

Ingranaggi cilindrici elicoidali / Helical cylindrical gears

Scatola in Ghisa grigia G25 / Gray Cast iron GJL 250 housing

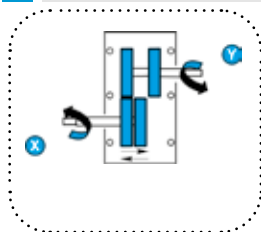
Alberi / Shafts

cod.01



For different shafts please contact CMR Technical Department.

Sensi di rotazione / Rotations



cod.P

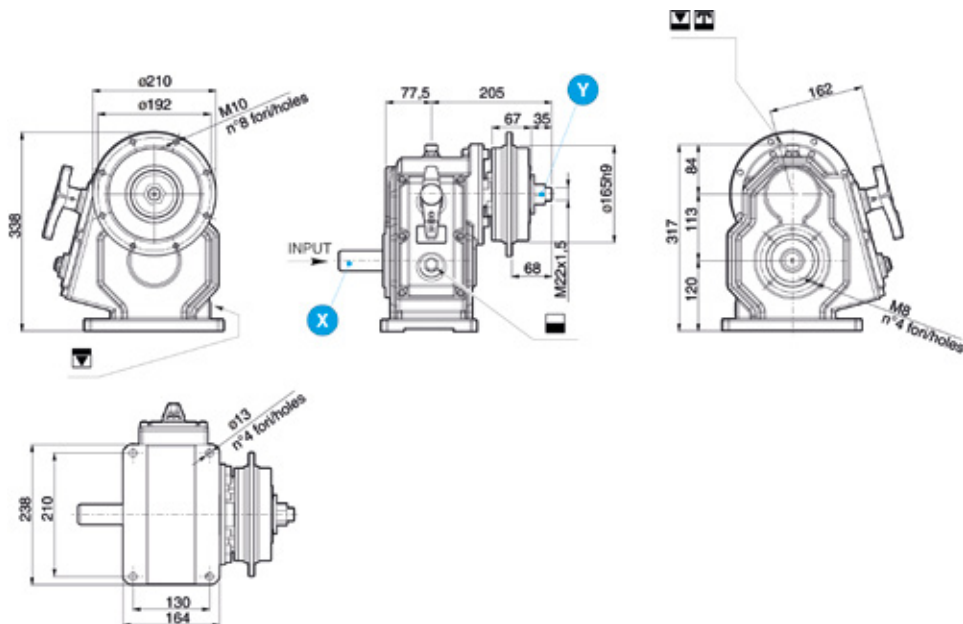
**Riduttore a
ingranaggi paralleli**
Parallel shaft gear unit

PA60F

cod.60



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

Modello Model	i Rapporto Ratio (i)	Codice rapporto Input X	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
PA60F	1:3.88	cod.87	540	2095	43/58	729	188	41	2.1
PA60F	1:4.5	cod.71	540	2430	49/66.6	832	185	41	2.1
PA60F	1:3.6			1944	43/58.5	730	203		
PA60F	1:5.5	cod.96	540	2970	49/46.6	830	151	41	2.1
PA60F	1:4.5			2430		832	185		
PA60F	1:5.5	cod.75	540	2970	49/46.6	830	151	41	2.1
PA60F	1:5			2700			166		
PA60F	1:6	cod.77	540	3240	52/70.7	882	147	41	2.1
PA60F	1:4			2160	53/72.1	760	225		
PA60F	1:7.5	cod.76	540	4050	38/51.7	645	86	41	2.1
PA60F	1:7			3780		644	92		

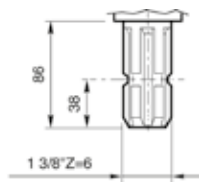
Per gli alberi vedi pagina seguente / See next page for shafts

Ingranaggi cilindrici elicoidali / Helical cylindrical gears

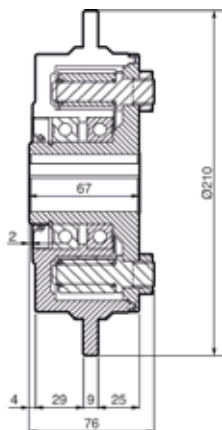
Scatola in Ghisa grigia G25 / Gray Cast iron GJL 250 housing

Alberi / Shafts

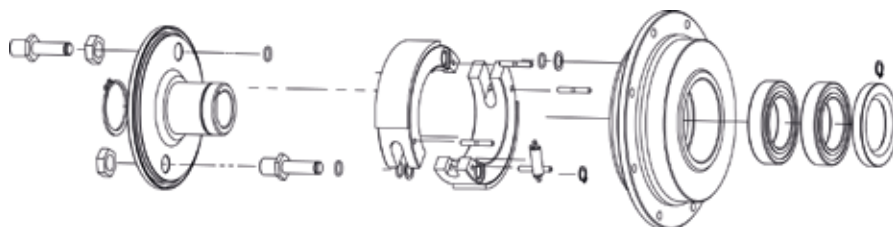
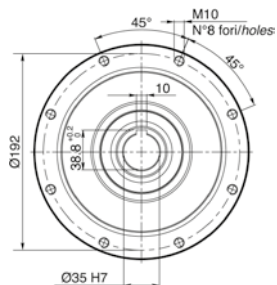
cod.01



X

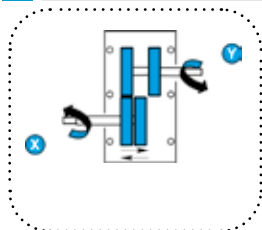


Y



PA60F

Sensi di rotazione / Rotations

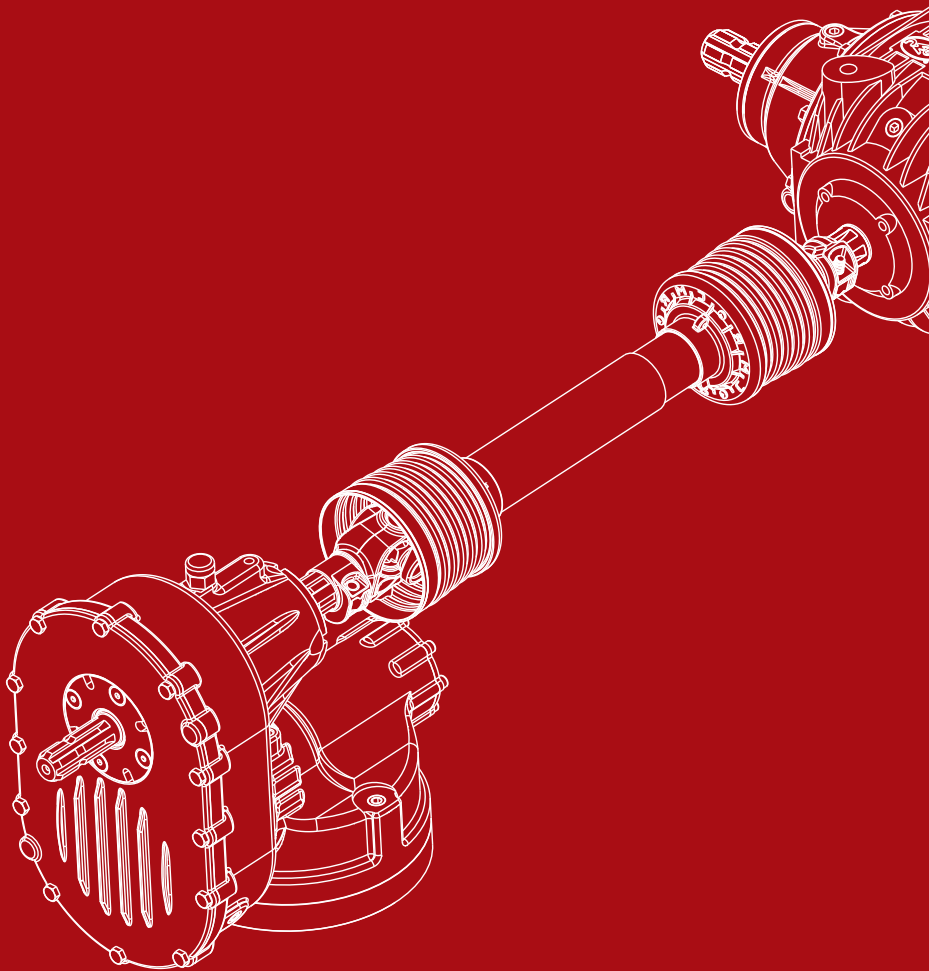


cod.P

**Riduttore a
ingranaggi paralleli**
Parallel shaft gear unit

Note

[illegible]



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MEMBER OF AMA GROUP **ama**

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