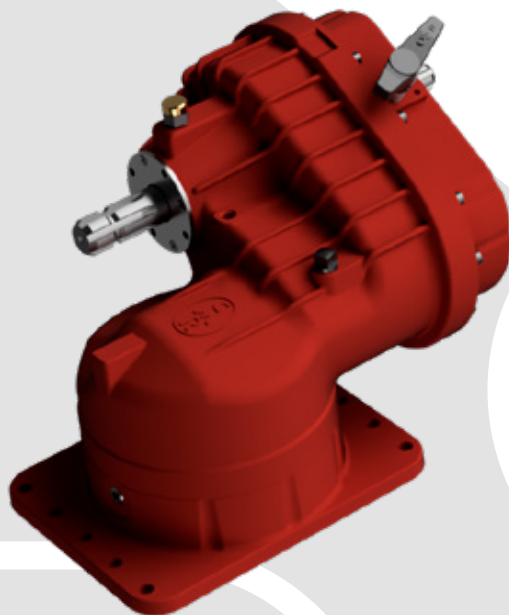


Catalogo tecnico generale
General technical catalogue

TRASMISSIONI PER ERPICI ROTANTI

POWER TRANSMISSION FOR ROTARY HARROWS



SERIE EC



SERIE EC

**Scatole ad ingranaggi per
erpici rotanti**

EC SERIES

Rotary Harrows



4

SERIE PH



SERIE PH

Erpici rotanti

PH SERIES

Power Harrows Kits



19

SERIE EC		
EC110	 Erpici rotanti Rotary Harrows	6
EC130	 Erpici rotanti Rotary Harrows	8
EC220	 Erpici rotanti Rotary Harrows	10
EC220C	 Erpici rotanti Rotary Harrows	12
EC300	 Erpici rotanti Rotary Harrows	14
EC300C	 Erpici rotanti Rotary Harrows	16

Codifica/Code

Settore Area	Tipo Type	Scatola Box	i	Alberi / Shafts			Posizione corona Crown Gear Position
				Z	X	Y	
S	Y	E4	84	01	29	06	2
S	Y	(cod.E4) ↑ EC110 ..	(cod.84) ↑ 1.75:1 ..	(cod.01) ↑ 	(cod.29) ↑ 	(cod.06) ↑ 	(cod.2) ↑ 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



Preparazione
Land prepar

Dimensioni Dimensions

Caratteristiche tecniche Technical data

	n_1	n_2	P_1	T_{in}	T_{out}	Materie Material
	[rpm]	[rpm]	[kW]	[Nm]	[Nm]	
3.25:1	(cod.84)	84	0.4	100	100	



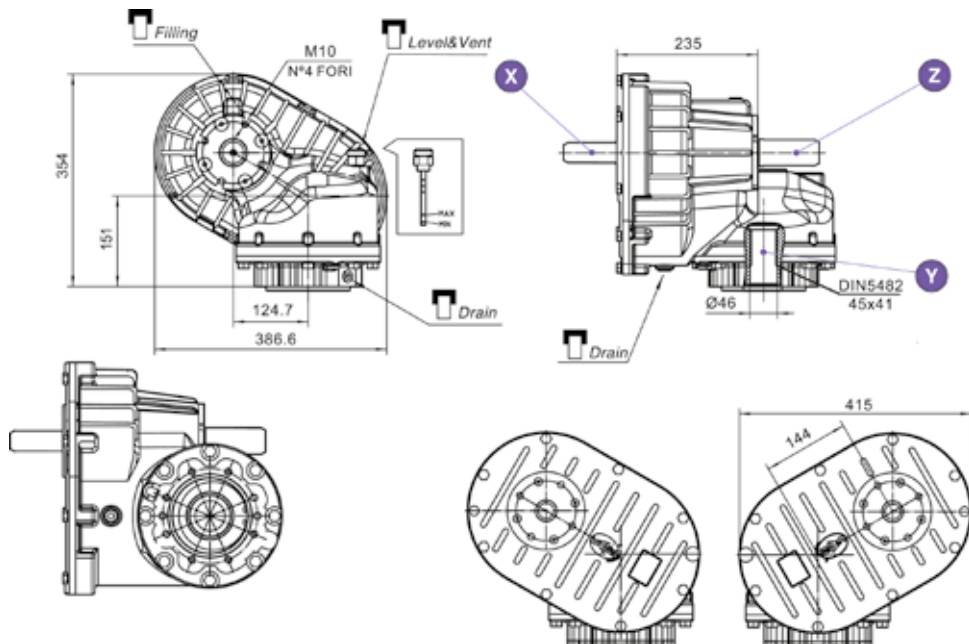
Posizione corona
Crown position

EC110

cod.E4



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

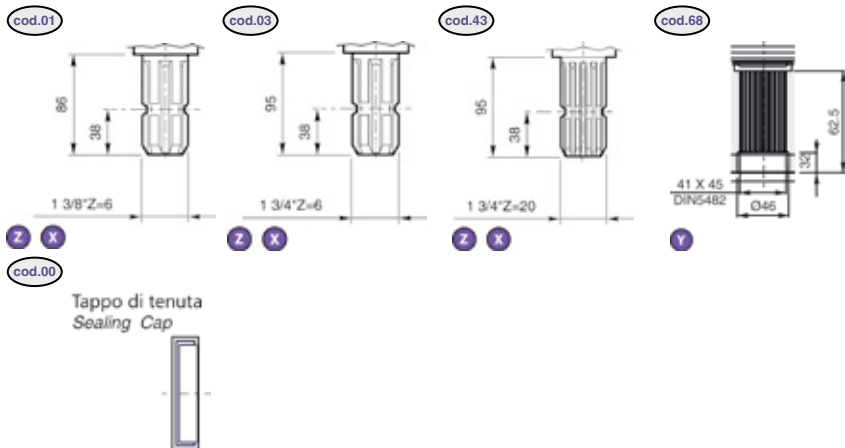
Modello Model	i Rapporto Ratio (i)	Codice rapporto Input Z	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
EC110	3.3:1	cod.46	1000	303	81/109	773	2553	69	3.0
EC110	2.93:1	cod.29	1000	341	81/109	773	2267	69	3.0
EC110	2.46:1	cod.45	1000	407	81/109	773	1903	69	3.0
EC110	2.07:1	cod.38	1000	483	81/109	773	1601	69	3.0
EC110	1.75:1	cod.84	540	309	75/95	1256	2197	69	3.0
EC110	1.47:1	cod.13	540	367	71/95	1256	1845	69	3.0
EC110	1.3:1	cod.63	540	415	71/95	1256	1632	69	3.0

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

Coppia conica elicoidale / ingranaggi cilindrici denti dritti / Spiral bevel gear / Spur gears

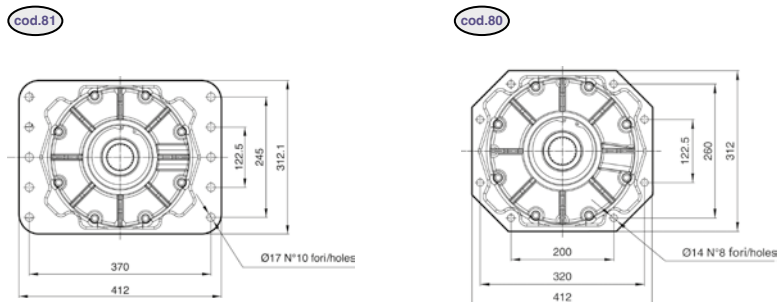
Scatola in Ghisa sferoidale GS 400 / Nodular cast Iron GJS 400 housing

Alberi / Shafts

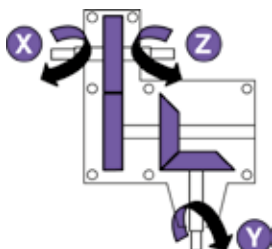


X

Base



Sensi di rotazione / Rotations

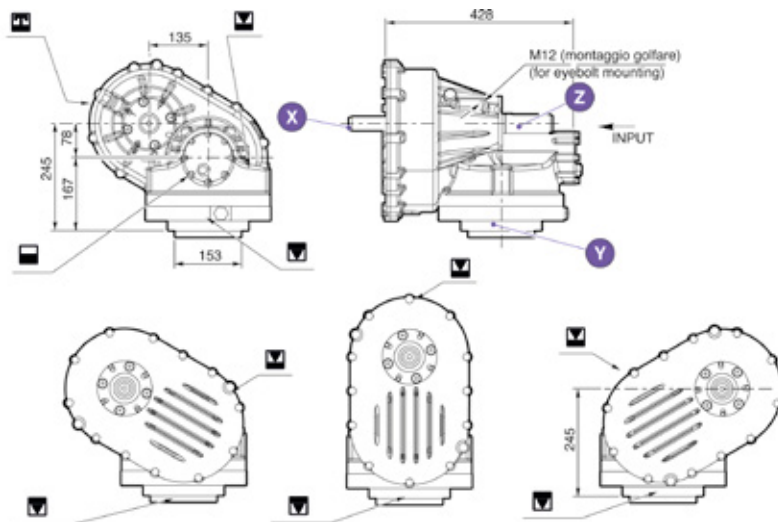


EC130

cod.E6



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

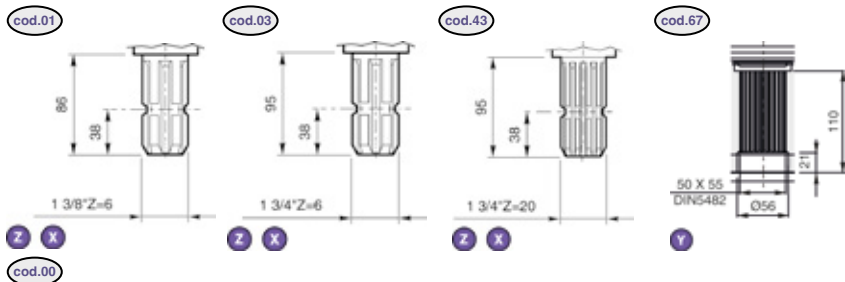
	i	Codice rapporto							
Modello Model	Rapporto Ratio (i)	Input Z	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
EC130	3.73:1	cod.60	1000	268	88/119.7	840	3135	104	4.0
EC130	2.98:1	cod.62	1000	337	88/119.7	840	2504	104	4.0
EC130	2.57:1	cod.64	1000	386	88/119.7	840	2160	104	4.0
EC130	2.07:1	cod.38	750	362	88/118	1121	2320	104	4.0
EC130	1.67:1	cod.61	540	261	88/110	1433	2965	104	4.0
EC130	1.44:1	cod.63	540	323	81/110	1433	2392	104	4.0
EC130				375	81/110	1433	2063	104	4.0

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

Coppia conica elicoidale / ingranaggi cilindrici denti dritti / Spiral bevel gear / Spur gears

Scatola in Ghisa sferoidale GS 400 / Nodular cast Iron GJS 400 housing

Alberi / Shafts

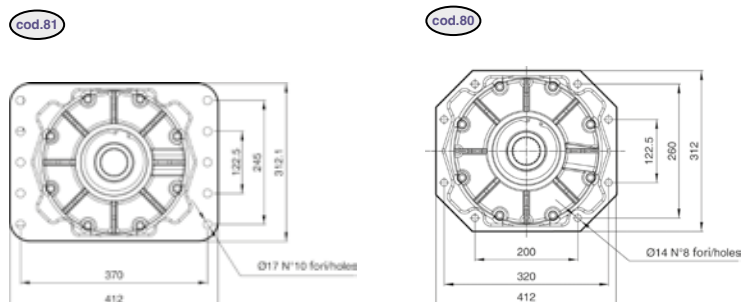


Tappo di tenuta
Sealing Cap

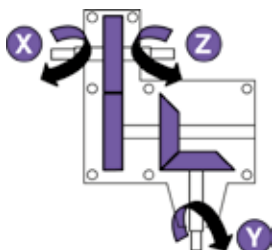


X

Base



Sensi di rotazione / Rotations

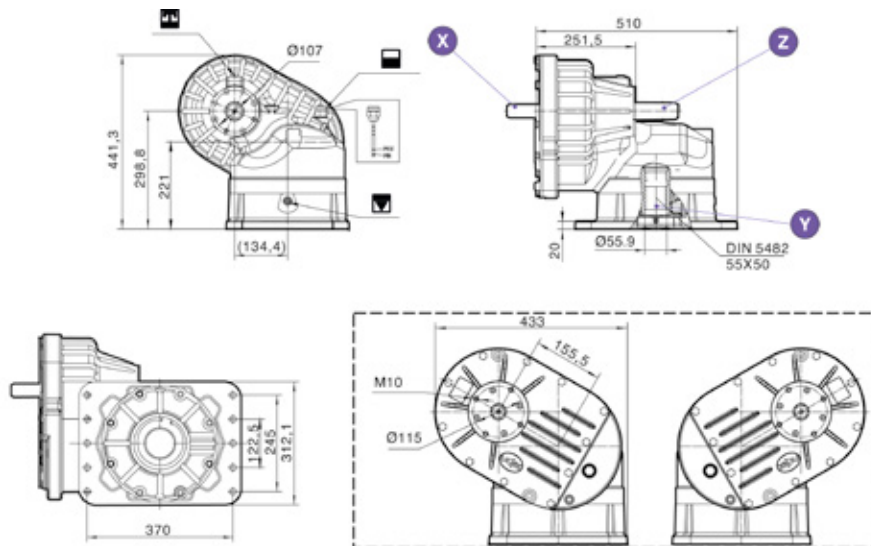


EC220

cod.E8



Dimensioni / Dimensions



Montaggio
Mounting

Montaggio sinistro
Left mounting

Montaggio destro
Right mounting

Caratteristiche tecniche / Technical data

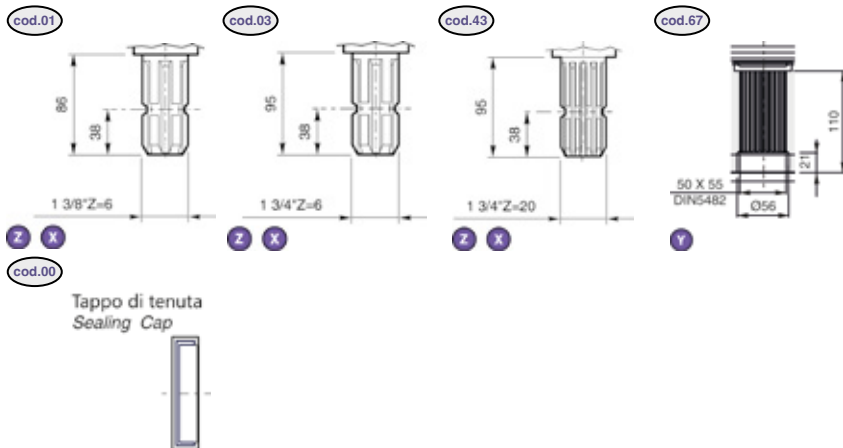
Modello Model	i Rapporto Ratio (i)	Codice rapporto Input Z	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
EC220	2.57:1	cod.64	1000	389	158/212	1509	3879	104	4.0
EC220	2.07:1	cod.38	800	386	158/212	1886	3909	104	4.0
EC220	2.07:1	cod.38	1000	483	220/300	2101	4349	104	4.0
EC220	3.49:1	cod.98	1000	287	220/300	2101	7332	104	4.0
EC220	2.45:1	cod.65	1000	408	220/300	2101	5147	104	4.0

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

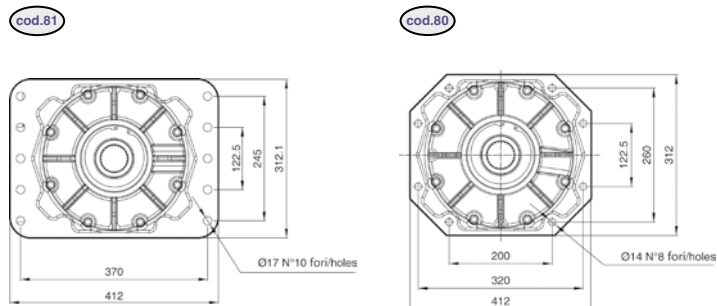
Coppia conica elicoidale / ingranaggi cilindrici denti dritti / Spiral bevel gear / Spur gears

Scatola in Ghisa sferoidale GS 400 / Nodular cast Iron GJS 400 housing

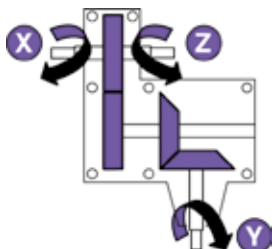
Alberi / Shafts



Base



Sensi di rotazione / Rotations

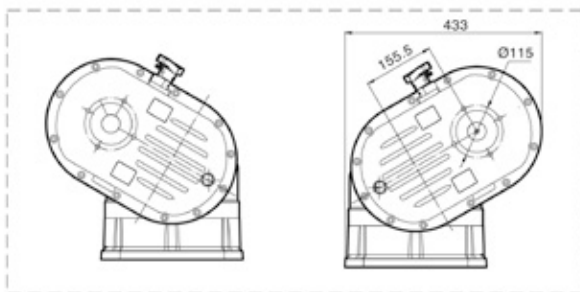
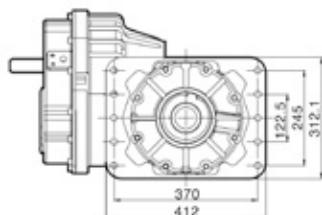
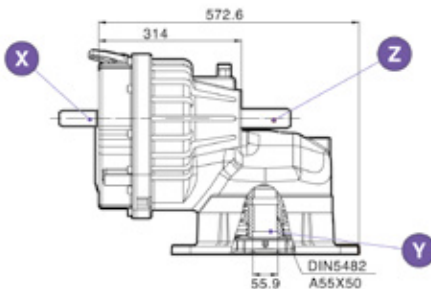
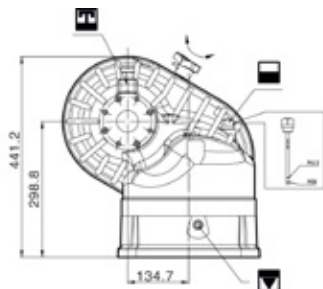


EC220C

cod.EA



Dimensioni / Dimensions



Montaggio
Mounting

Montaggio sinistro
Left mounting

cod.1

Montaggio destro
Right mounting

cod.0

Caratteristiche tecniche / Technical data

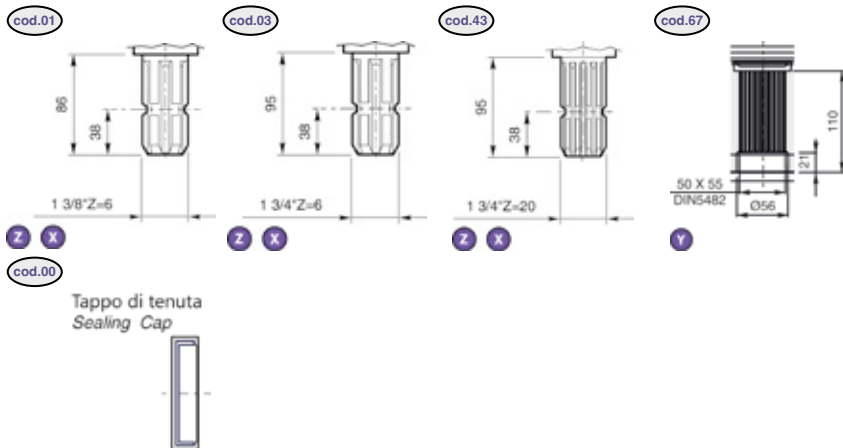
Modello Model	i Rapporto Ratio (i)	Codice rapporto Input Z	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
EC220C	2.57:1	cod.38	1000	389	158/215	1509	3878	115	4.5
EC220C	2.07:1	cod.38	800	386	158/215	1886	3904	115	4.5

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

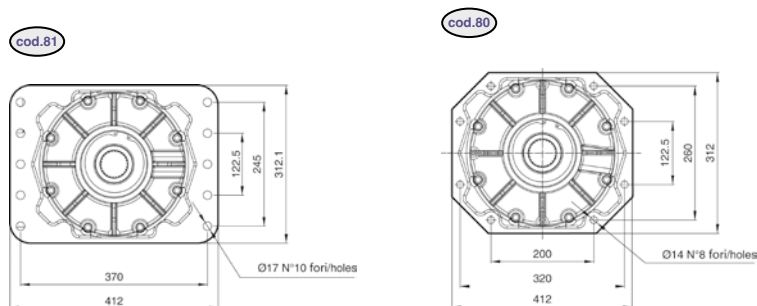
Coppia conica elicoidale / ingranaggi cilindrici denti dritti / Spiral bevel gear / Spur gears

Scatola in Ghisa sferoidale GS 400 / Nodular cast Iron GJS 400 housing

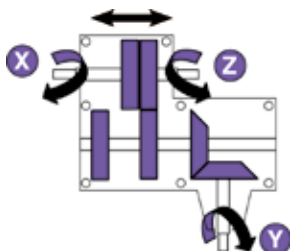
Alberi / Shafts



Base



Sensi di rotazione / Rotations

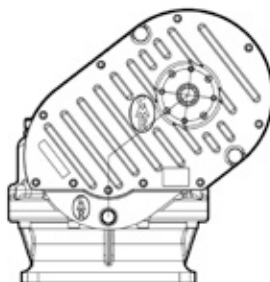
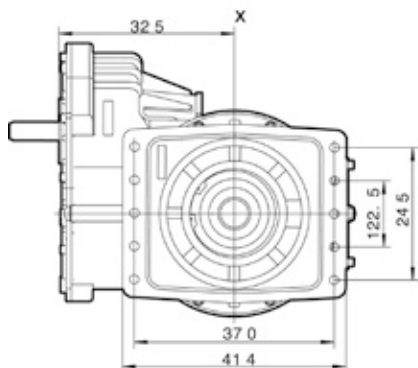
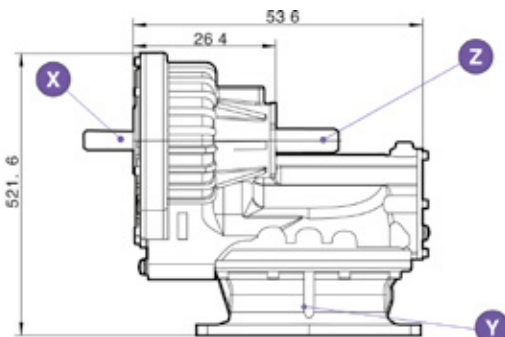
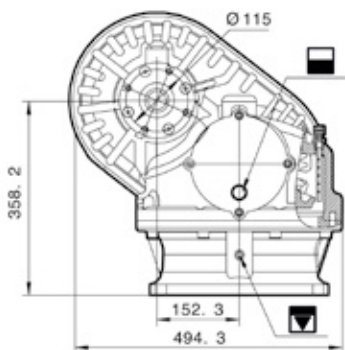


EC300

cod.E7



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

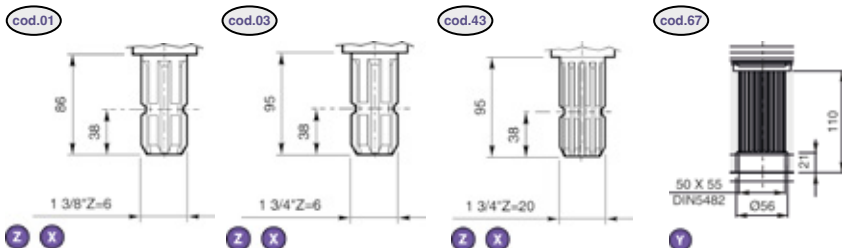
	i	Codice rapporto							
Modello Model	Rapporto Ratio (i)	Input Z	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
EC300	2.45:1	cod.65	1000	407	220/300	2101	5147	175	5.0
EC300	3.49:1	cod.98	1000	286	220/300	2101	7332	175	5.0
EC300	2.07:1	cod.38	1000 760	483 367	220/300 220/268	2101 2764	4349 5722	175	5.0

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

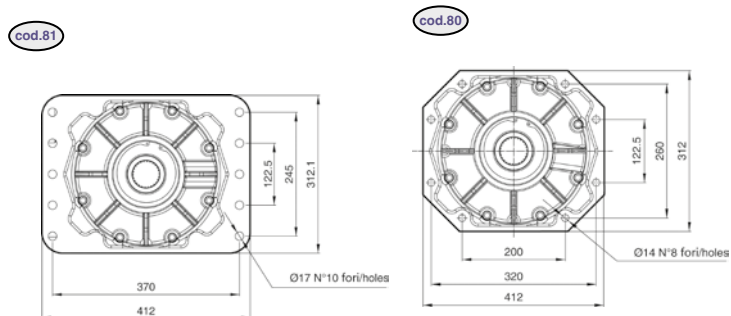
Coppia conica elicoidale / ingranaggi cilindrici denti dritti / Spiral bevel gear / Spur gears

Scatola in Ghisa sferoidale GS 400 / Nodular cast Iron GJS 400 housing

Alberi / Shafts



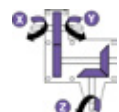
Base



Sensi di rotazione / Rotations



cod.0 **Montaggio destro**
Right mounting



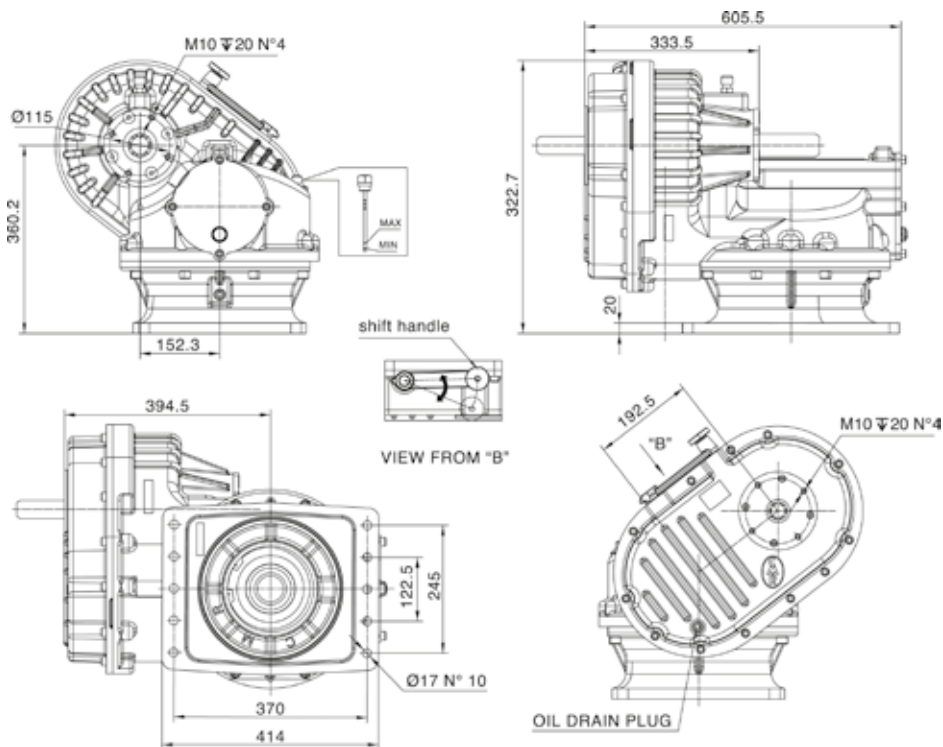
cod.01 **Montaggio sinistro**
Left mounting

EC300C

cod.EB



Dimensioni / Dimensions



Caratteristiche tecniche / Technical data

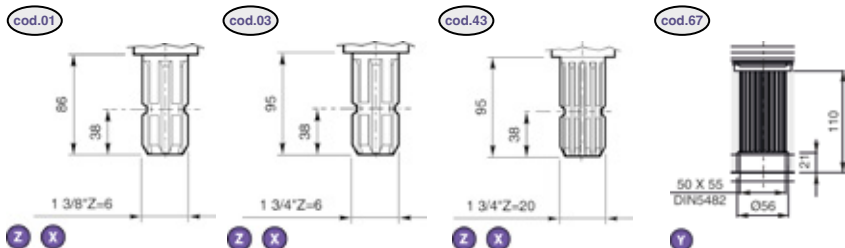
	i	Codice rapporto							
Modello Model	Rapporto Ratio (i)	Input Z	RPM Input	RPM Output	Kw (hp)	N. m (input)	N. m (output)	KG	Olio Oil
EC300C	2.45:1	cod.65	1000	407	220/300	2101	5147	185	5.5
EC300C	2.07:1	cod.65	1000 760	483 367	220/300 220/268	2101 2764	4349 5722	185	5.5

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

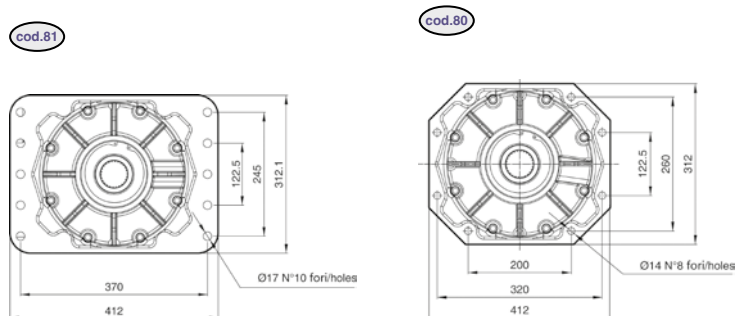
Coppia conica elicoidale / ingranaggi cilindrici denti dritti / Spiral bevel gear / Spur gears

Scatola in Ghisa sferoidale GS 400 / Nodular cast Iron GJS 400 housing

Alberi / Shafts



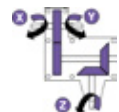
Base



Sensi di rotazione / Rotations



cod.0 Montaggio destro
Right mounting



cod.01 Montaggio sinistro
Left mounting

Note

[illegible]

SERIE PH

PH40L



20

PH40



22

PH100



24

PH130



26

PH130H



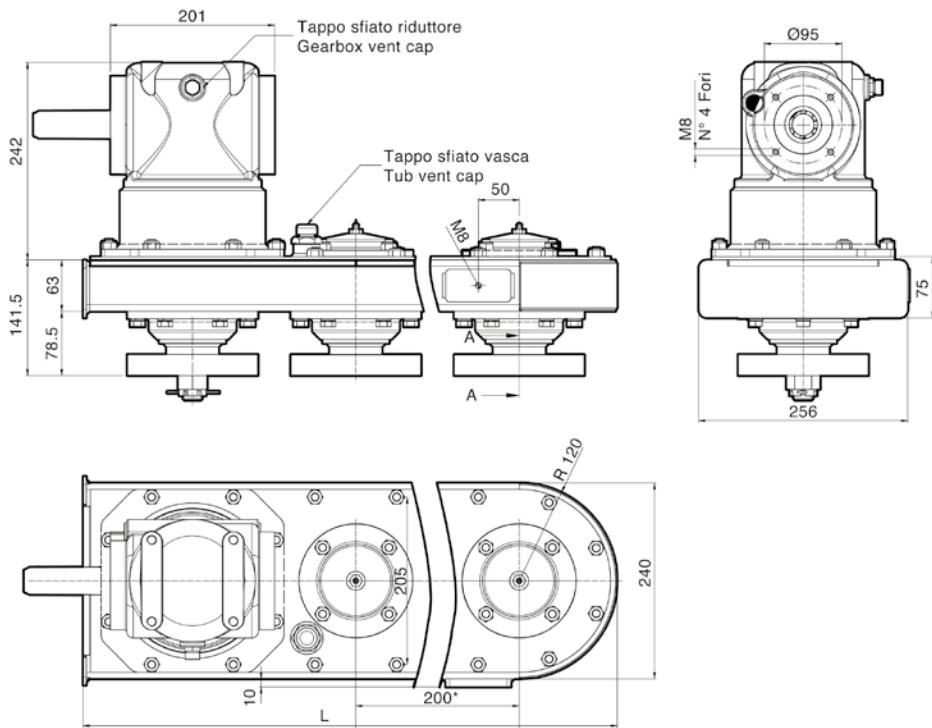
28

PH40L

cod.I



Dimensioni / Dimensions

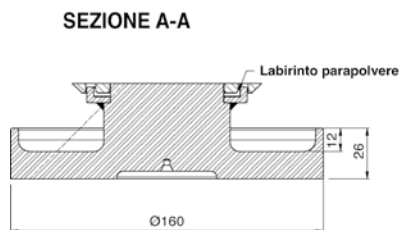


Caratteristiche tecniche / Technical data

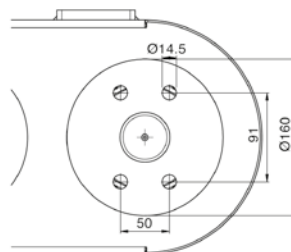
Modello Model	Spessore T Thickness T	Larghezza l Width l	Cambio Gearbox	Rapporto Ratio (i)	Lunghezza L Length L	Rotore Rotor	Lama fissaggio Fixing blade
PH40L	63	240	EM40	1.46:1	0.65	3	Dente fisso / Fix blade
PH40L	63	240	EM40	1.46:1	0.85	4	Dente fisso / Fix blade
PH40L	63	240	EM40	1.46:1	1.05	5	Dente fisso / Fix blade

Ingranaggi cilindrici denti dritti / Spur Gears

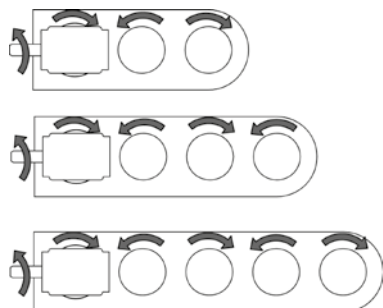
Tipo fissaggio denti/blade fixing type



Vista da "A"



Sensi di rotazione / Rotations



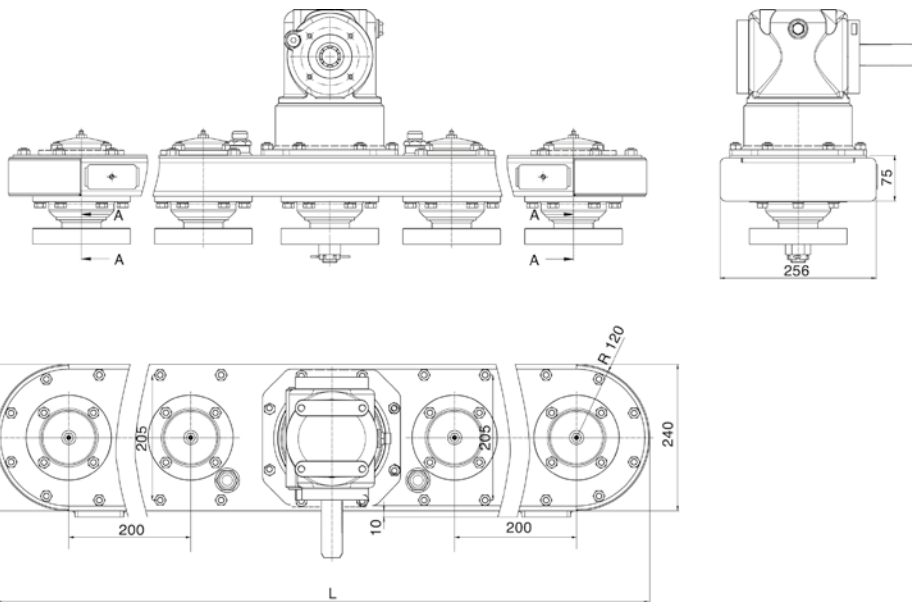
PH40L

PH40

cod.I



Dimensioni / Dimensions

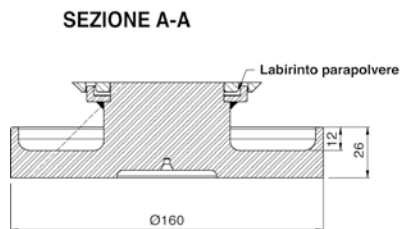


Caratteristiche tecniche / Technical data

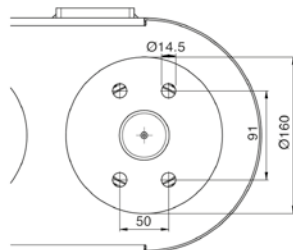
Modello Model	Spessore T Thickness T	Larghezza l Width l	Cambio Gearbox	Rapporto Ratio (i)	Lunghezza L Length L	Rotore Rotor	Lama fissaggio Fixing blade
PH40	63	240	EM40	1.46:1	1.04	5	Dente fisso / Fix blade
PH40	63	240	EM40	1.46:1	1.24	6	Dente fisso / Fix blade
PH40	63	240	EM40	1.46:1	1.44	7	Dente fisso / Fix blade
PH40	63	240	EM40	1.46:1	1.64	8	Dente fisso / Fix blade

Ingranaggi cilindrici denti dritti / Spur Gears

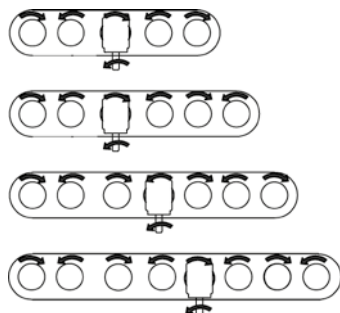
Tipo fissaggio denti/blade fixing type



Vista da "A"



Sensi di rotazione / Rotations

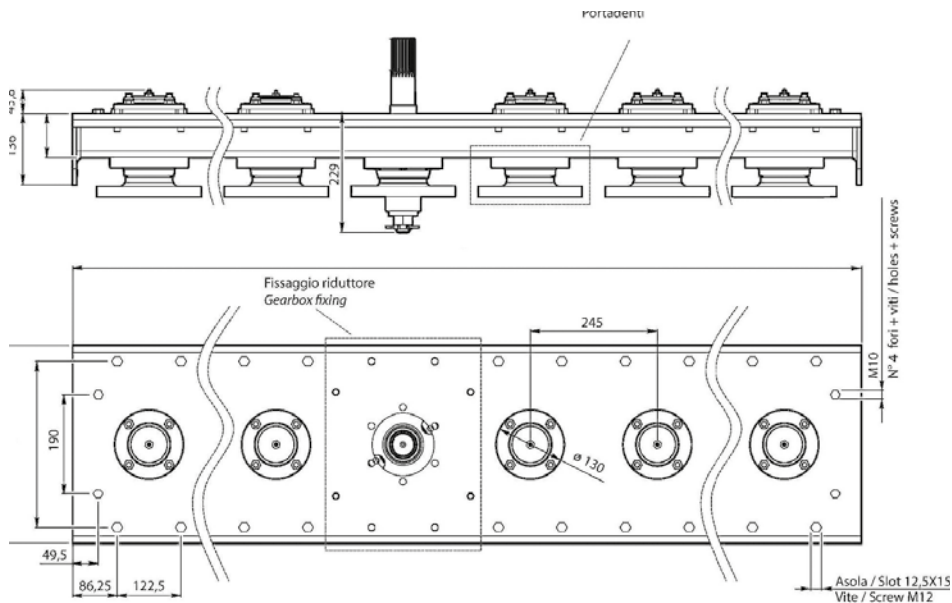


PH100

cod.L



Dimensioni / Dimensions

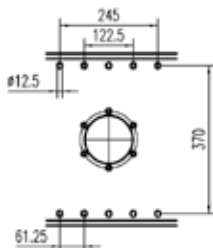
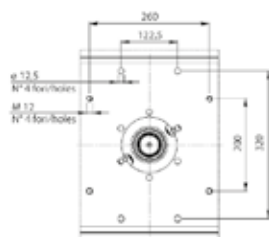


Caratteristiche tecniche / Technical data

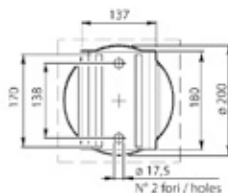
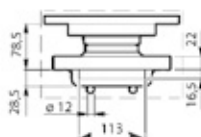
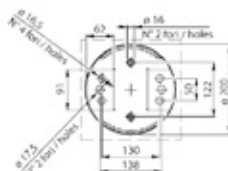
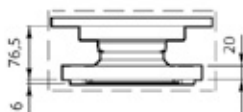
Modello Model	Spessore T Thickness T	Larghezza I Width I	Larghezza P Width P	Cambio Gearbox	Rapporto Ratio (i)	Lunghezza L Length L	Rotore Rotor	Lama fissaggio Fixing blade
PH100	83.5	320	380	EC110 EM110	2.07:1 2.57:1 2.9:1	1.5	6	Dente fisso o sgancio rapido / Fix blade or fast change
PH100	83.5	320	380	EC110 EM110 EM130	2.07:1 2.57:1 2.9:1	2	8	Dente fisso o sgancio rapido / Fix blade or fast change
PH100	83.5	320	380	EC110 EM110 EC130 EM130	2.07:1 2.57:1 2.9:1	2.5	10	Dente fisso o sgancio rapido / Fix blade or fast change

Ingranaggi cilindrici denti dritti / Spur Gears

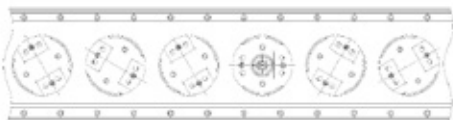
Vasca erpice / Power harrow

**Tipo fissaggio denti/blade fixing type**

Dente a sgancio rapido
Fast change blade

Dente fisso
Fix blade

Tipologia fasatura denti / Blade timing type

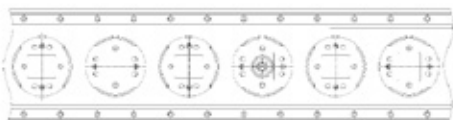


cod. 1

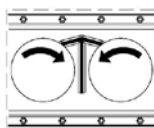
ortogonale a 90° orthogonal at 90°

cod.2

elicoidale helical



Sistema parapietre (opzionale)/ Stone protection (Optional)

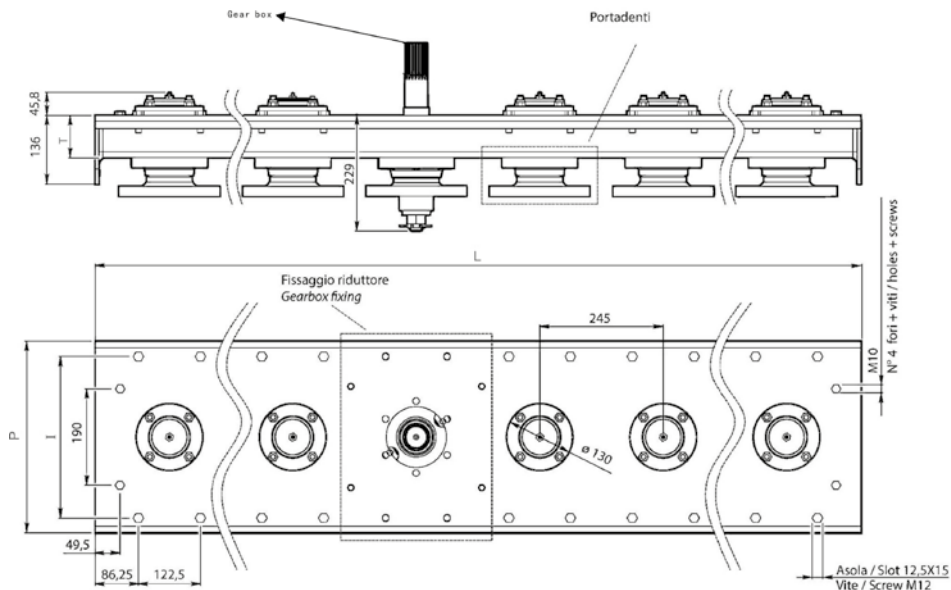


PH130

cod.M



Dimensioni / Dimensions

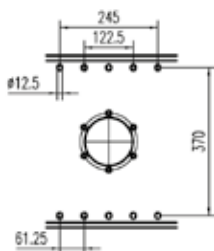
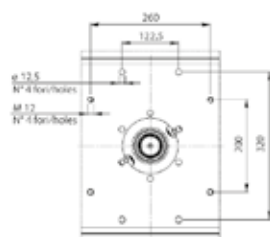


Caratteristiche tecniche / Technical data

Modello Model	Spessore T Thickness T	Larghezza I Width I	Larghezza P Width P	Cambio Gearbox	Rapporto Ratio (i)	Lunghezza L Length L	Rotore Rotor	Lama fissaggio Fixing blade
PH130	110	320 o 370	380 o 430	EC110 EM130 EC130 EC220 EC300	2.07:1 2.45:1 2.57:1 2.9:1	2.5	10	Lama fissa / Fix blade / Fast change blade
PH130	110	321 o 370	381 o 430	EC110 EM130 EC130 EC220 EC300	2.07:1 2.45:1 2.57:1 2.9:1	3	12	Lama fissa / Fix blade / Fast change blade
PH130	110	322 o 370	382 o 430	EC110 EM130 EC130 EC220 EC300	2.07:1 2.45:1 2.57:1 2.9:1	3.5	14	Lama fissa / Fix blade / Fast change blade

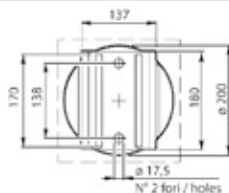
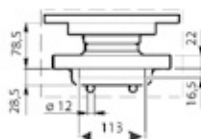
Ingranaggi cilindrici denti dritti / Spur Gears

Vasca erpice / Power harrow

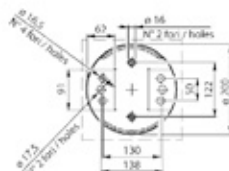
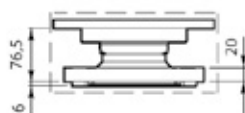


Tipo fissaggio denti/blade fixing type

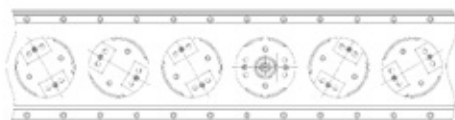
Dente a sgancio rapido
Fast change blade



Dente fisso
Fix blade



Tipologia fasatura denti / Blade timing type

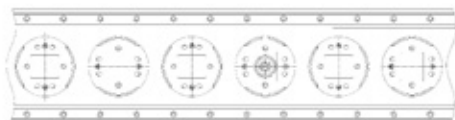


cod.1

ortogonale a 90° orthogonal at 90°

cod.2

elicoidale helical



Sistema parapietre (opzionale)/ Stone protection (Optional)

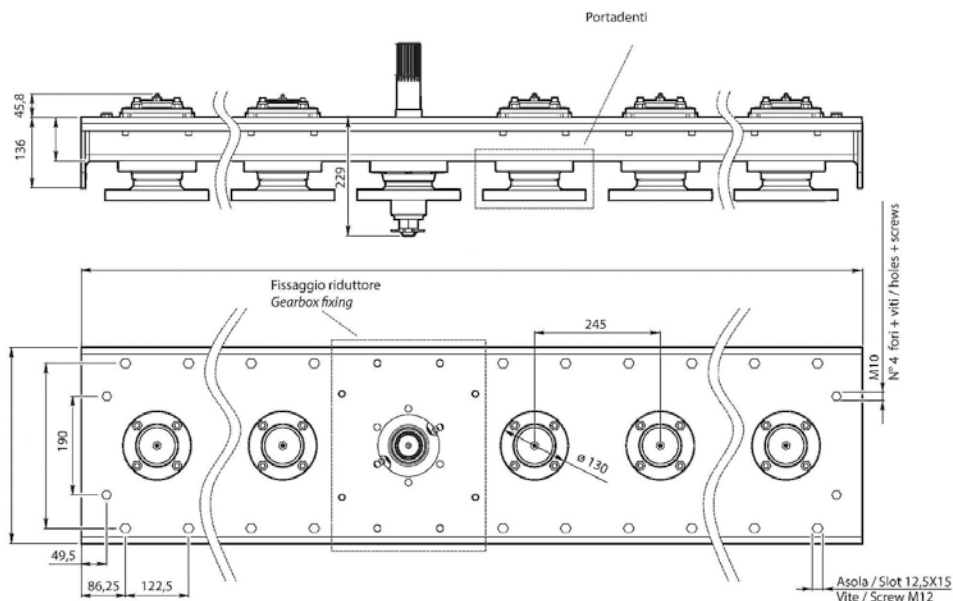


PH130H

cod.H



Dimensioni / Dimensions

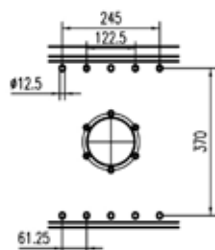


Caratteristiche tecniche / Technical data

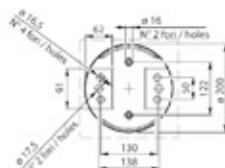
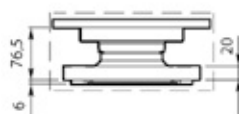
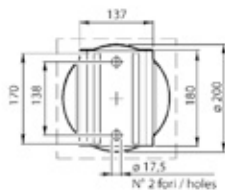
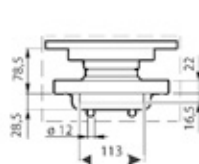
Modello Model	Spessore T Thickness T	Larghezza I Width I	Larghezza P Width P	Cambio Gearbox	Rapporto Ratio (i)	Lunghezza L Length L	Rotore Rotor	Lama fissaggio Fixing blade
PH130H	110	370	430	EC110 EM130 EC130 EC220	2.07:1 2.45:1 2.57:1 2.9:1	2.5	10	Lama fissa / Fix blade / Fast change blade
PH130H	110	370	430	EM130 EC130 EC220	2.07:1 2.45:1 2.57:1 2.9:2	3	12	Lama fissa / Fix blade / Fast change blade
PH130H	110	370	430	EC220 EC300	2.07:1 2.45:1 2.57:1 2.9:3	3.5	14	Lama fissa / Fix blade / Fast change blade
PH130H	110	370	430	EC220 EC300	2.07:1 2.45:1 2.57:1 2.9:4	4	16	Lama fissa / Fix blade / Fast change blade

Ingranaggi cilindrici denti dritti / Spur Gears

Vasca erpice / Power harrow



Tipo fissaggio denti/blade fixing type



PH130H

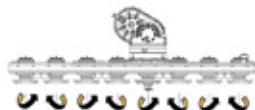
Sensi di rotazione / Rotations



PH100 1.5m
PH130 1.5m



PH130H 3m



PH100 2m
PH130 2m



PH130H 3.5m

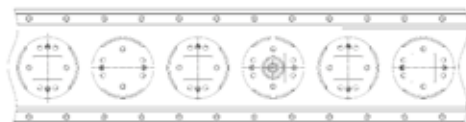
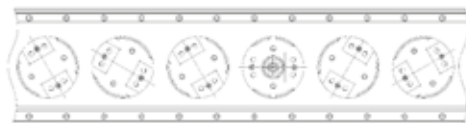


PH100 2.5m
PH130 2.5m

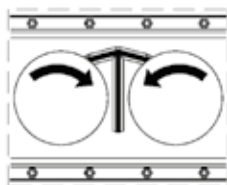


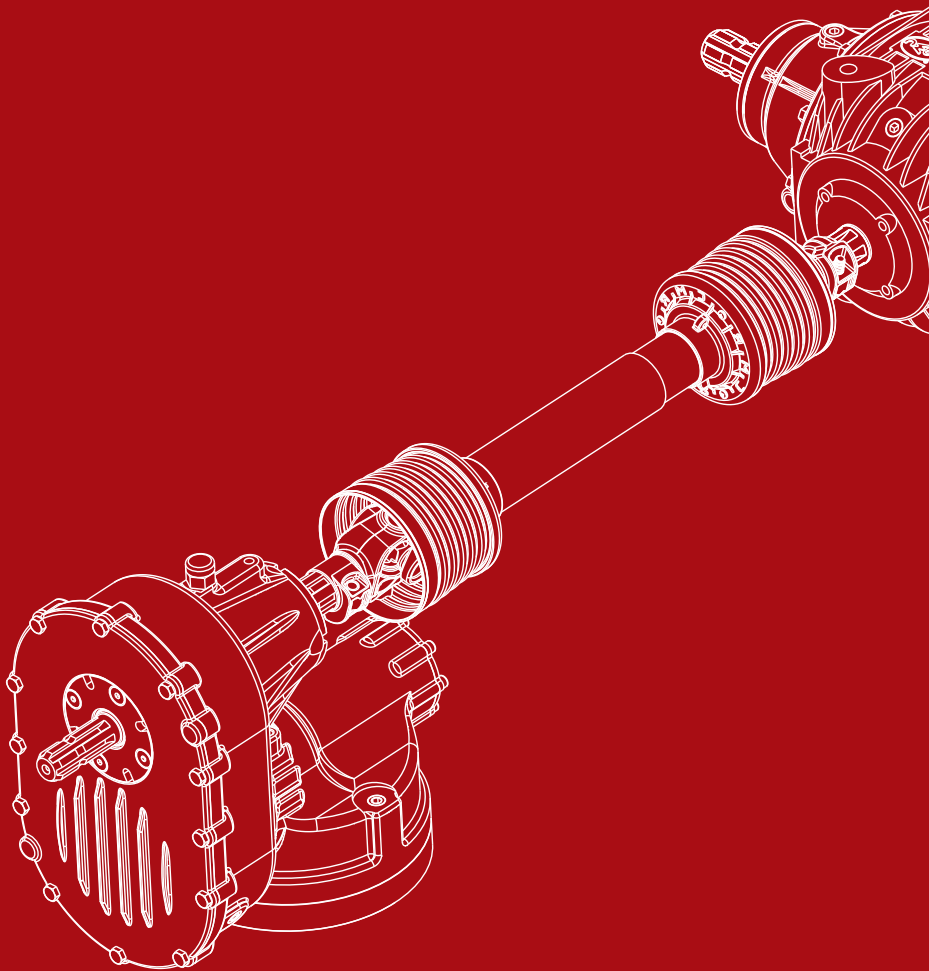
PH130H 4m

Tipologia fasatura denti / Blade timing type



Sistema parapietre (opzionale)/ Stone protection (Optional)





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