

MHS

FORESTAL EQUIPMENT

POLIP | BENNE | PINZE TRONCHI | ROTATORI | LINKS | SPACCALEGNA



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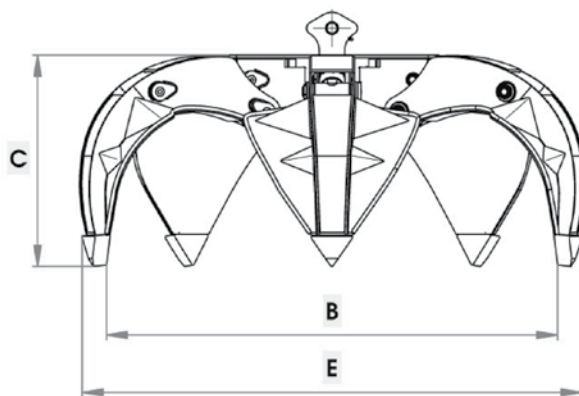
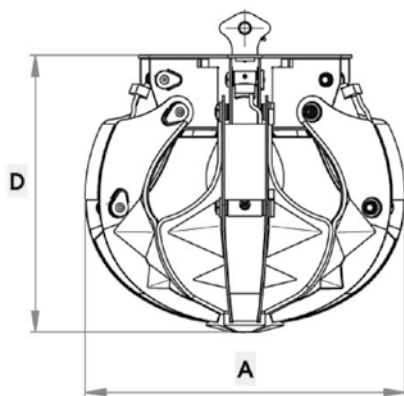
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POT

BENNE

- Benne a polipo per gru da camion
- Hydraulic grapples for truck-cranes
- Mehrschalengreifer für LKW- Ladekräne
- Grappins à ferraille pour grues de camion
- Pulpos para chatarra para grúas de camion



 portata gru a braccio sfilato
lifting capacity at the end of boom

R= rifiuti / waste

* su richiesta anche nella versione superrinforzata
available also in the super strengthened version

peso escavatore 
excavator weight

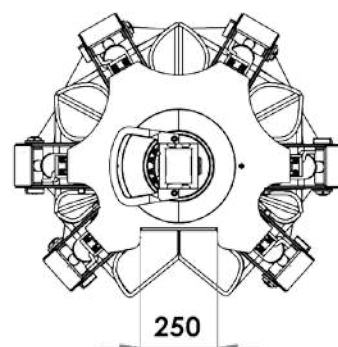
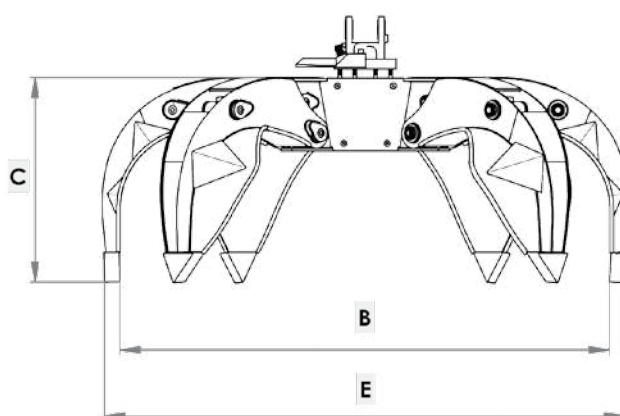
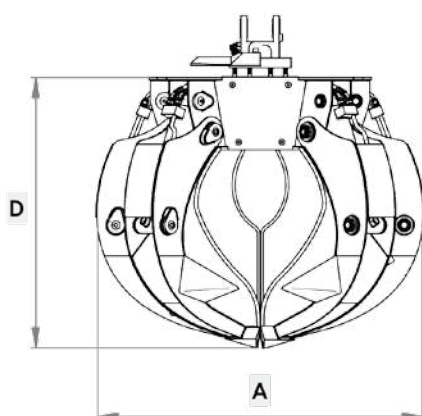
Modello Type	Denti Teeth	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	FxL
POT 80/4	4	90	81	200	0,15-0,3	1,0-2,0	650	1010	430	580	1090	25x30
POT 95/4	4	110	105	250	0,25-0,5	2,0-3,0	730	1130	480	650	1230	25x30
POT 95/5	5	110	118	250	0,25-0,5	2,0-3,0	730	1130	480	650	1230	25x30
POT 115/4	4	120	112	250	0,3-0,6	2,5-4,0	743	1240	497	700	1340	25x30
POT 115/5	5	120	130	250	0,3-0,6	2,5-4,0	743	1240	497	700	1340	25x30
POT 130/4	4	160	230	250	0,3-0,8	3,0-5,0	900	1300	550	750	1400	30x60
POT 140/5	5	160	265	250	0,4-1,0	3,0-5,0	900	1300	550	750	1400	30x60
POT 170/4	4	205	250	250	0,5-1,1	3,0-6,0	920	1560	600	890	1650	30x60
POT 210/5	5	205	275	250	0,6-1,2	3,0-6,0	920	1560	600	890	1650	30x60
POT 250/4*	4	270	310	250	0,7-1,3	4,0-7,0	1000	1490	650	900	1640	32x80
POT 255/5*	5	270	350	250	0,8-1,6	4,0-7,0	1000	1490	650	900	1640	32x80
POT 265/6*	6	270	390	250	0,8-1,6	4,0-7,0	1000	1490	650	900	1640	32x80
POT 290/4*	4	325	375	250	1,0-2,0	6,0-9,0	1120	1630	680	930	1760	32x80
POT 295/5*	5	325	415	250	1,0-2,0	6,0-9,0	1120	1630	680	930	1760	32x80
POT 325/6*	6	325	460	250	1,0-2,0	6,0-9,0	1120	1630	680	930	1760	32x80
POT 390/4*	4	400	420	250	1,0-3,0	7,0-12	1240	1780	760	970	1940	32x80
POT 395/5*	5	400	450	250	1,0-3,0	7,0-12	1240	1780	760	970	1940	32x80
POT 405/6*	6	400	520	250	1,0-3,0	7,0-12	1240	1780	760	970	1940	32x80
POT R 460/6	6	455	450	250	1,0-2,0	6,0-9,0	1040	2000	750	1150	2130	32x80

I dati possono essere variati senza preavviso. Technical data can be revised without prior notice.

POT H

BENNE

-  Benna idraulica a polipo a cilindri orizzontali ideale per caricatore ripieghevole a Z
-  Hydraulic polyp-grab with horizontal cylinders ideal for Z-collapsible truck crane
-  Hydraulikmerschalengreifer mit liegenden Zylindern ideal für zusammenfaltbare Z-Ladekräne
-  Grappin à ferraille hydraulique avec vérins horizontaux idéal pour la grue de camion repliable à Z
-  Pulpo-hidráulica con cilindros horizontales ideal para camión grúa plegable a Z



 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight 

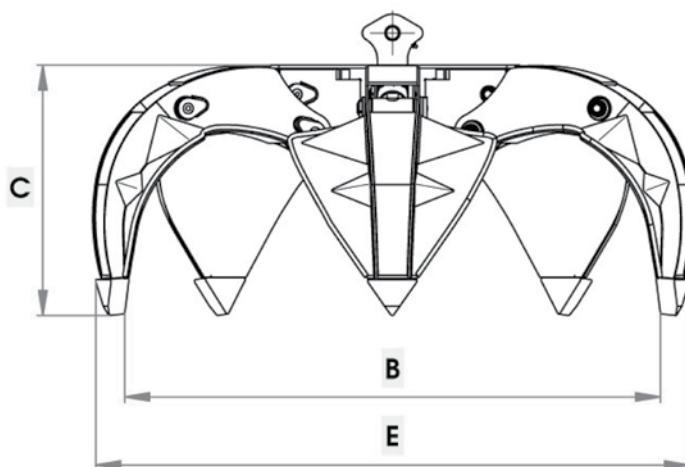
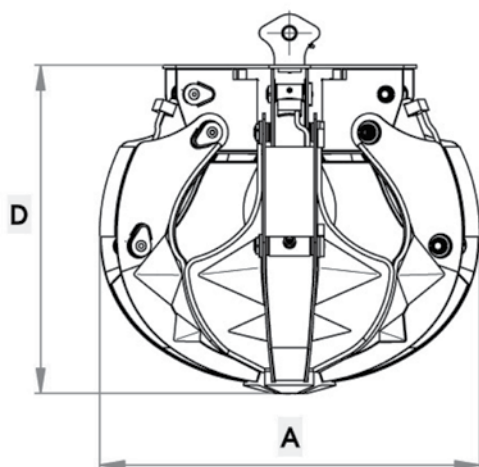
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Modello Type	Denti Teeth	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A mm	B mm	C mm	D mm	E mm
POT H 280/5	5	280	385	250	0,8-2,0	—	1070	1580	670	870	1710
POT H 280/6	6	280	425	250	0,8-2,0	—	1070	1580	670	870	1710

POT P

BENNE

-  Benne a polipo per escavatori
-  Hydraulic grapples for excavators
-  Mehrschalengreifer für Bagger
-  Grappins à ferraille pour pelles
-  Pulpas para chatarra para maquinas excavadoras



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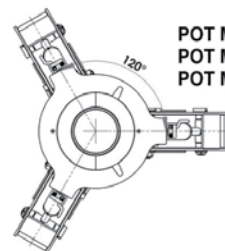
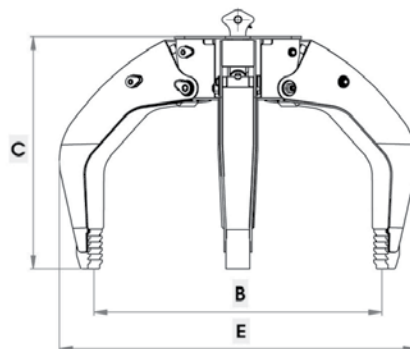
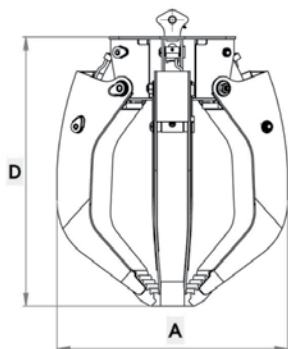
 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight 

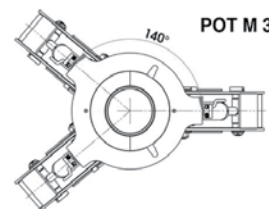
Modello Type	Denti Teeth	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	FxL
POT 405/5 P	5	400	800	250	-	13-18	1250	1860	760	1020	2010	50x100
POT 415/6 P	6	400	890	250	-	13-20	1250	1860	760	1020	2010	50x100
POT 505/5 P	5	500	815	250	-	15-22	1300	1930	780	1050	2080	50x100
POT 515/6 P	6	500	910	250	-	15-22	1300	1930	780	1050	2080	50x100
POT 605/5 P	5	600	830	250	-	18-26	1350	2000	815	1090	2165	50x100
POT 615/6 P	6	600	930	250	-	18-26	1350	2000	815	1090	2165	50x100
POT 805/5 P	5	800	1150	250	-	25-35	1450	2160	880	1180	2330	50x100
POT 815/6 P	6	800	1260	250	-	25-35	1450	2160	880	1180	2330	50x100

I dati possono essere variati senza preavviso. *Technical data can be revised without prior notice.*

-  Polipo per massi
-  Grab for handling rocks
-  Dreischalengreifer für Blöcke
-  Grappin pour blocs
-  Pulpos para roca



POT M 355
POT M 430
POT M 555



POT M 390



portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight



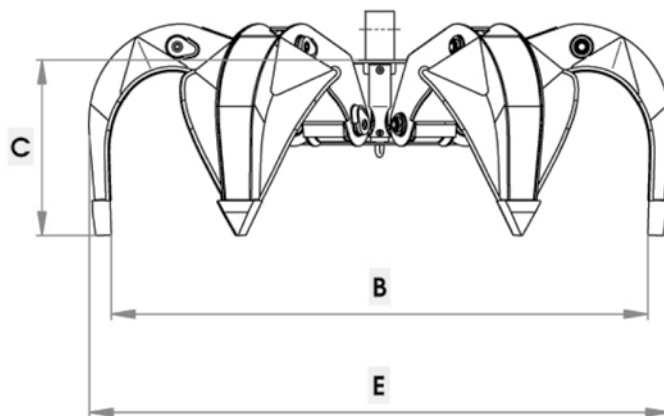
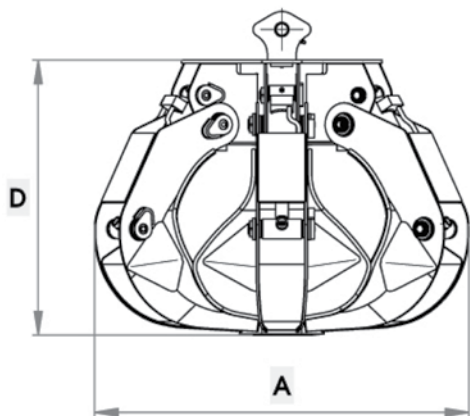
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Modello Type	Denti Teeth	Cap. Lt	Port. Kg. Load	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	FxL
POT M 355/3	3	355	3000	420	250	1,0-2,0	7,0-12	1250	1650	1180	1360	1980	32x80
POT M 390/3	3	390	3500	440	250	1,0-2,0	7,0-12	1350	1750	1180	1360	2080	32x80
POT M 430/3	3	430	4000	520	250	1,5-2,5	10-17	1330	1730	1180	1360	2070	32x80
POT M 555/3	3	550	5000	900	250	2,0-3,0	17-20	1450	1900	1360	1570	2300	50x100

POT S

BENNE

-  Benna a polipo per rottami, rifiuti e materiali vari con grande apertura e minimo ingombro a riposo
-  Polyp Grab for scrap, waste and different materials with spanning and reduced overall dimensions when closed
-  Mehrschalengreifer für Schrott, Müll und verschiedene Materialien, mit niedriger Bauweise und großer Öffnungsweite
-  Grappin à ferraille, ordures et matériaux différents avec grande ouverture et encombrement réduit
-  Pulpo hidráulico para chatarra, desperdicios y materiales diversos, de gran apertura y mínimo espacio en posición de reposo



8



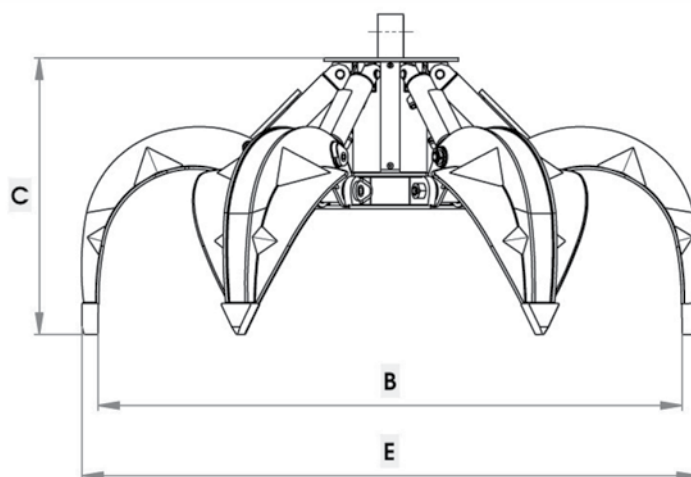
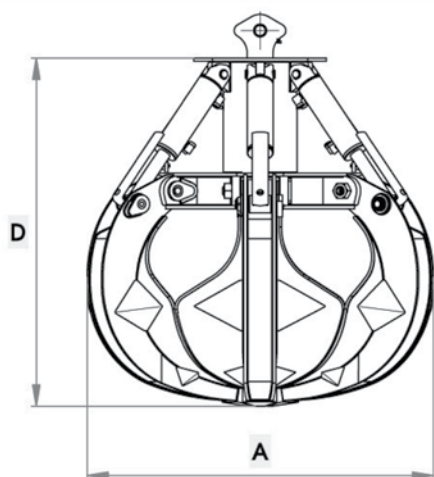
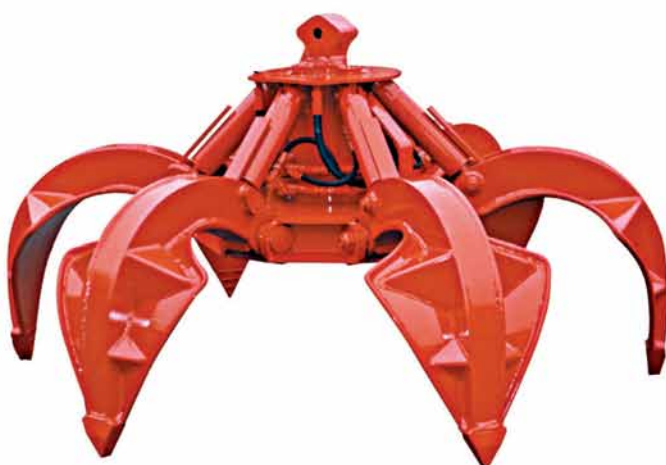
portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight



Modello Type	Denti Teeth	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	FxL
POT S 275/6	6	275	370	250	0,8-1,6	4,0-7,0	1120	1490	500	760	1600	32x80
POT S 315/6	6	315	430	250	1,0-2,0	6,0-9,0	1200	1650	570	860	1800	32x80

- Benne a polipo con cilindri verticali per gru da camion
- Polyp Grapples with vertical cylinders for truck cranes
- Mehrschalengreifer mit senkrechten Zylindern für LKW Ladekräne
- Grappins à ferraille avec vérins verticaux pour grues de camion
- Pulpos para chatarra con cilindros verticales para grúas sobre camion



 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight 

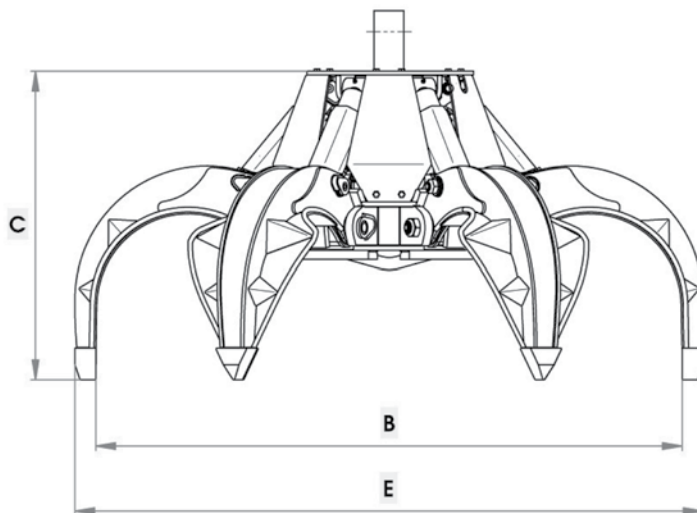
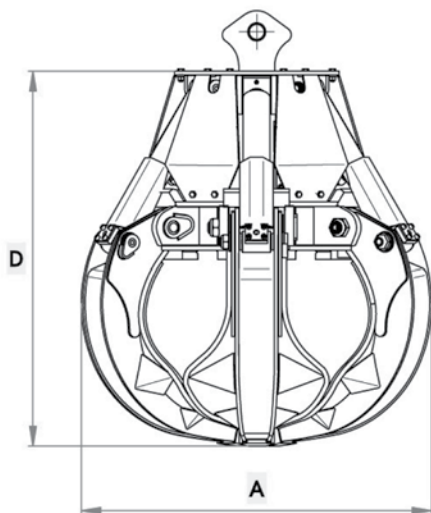
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Modello Type	Denti Teeth	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	FxL
PVT 155/5	5	155	240	250	0,5-1,0	3,0-5,0	900	1360	760	900	1440	30x60
PVT 260/6	6	255	330	250	0,7-1,5	4,0-7,0	1000	1480	750	930	1580	30x60
PVT 370/6	6	370	400	250	1,0-2,0	6,0-10	1120	1600	850	970	1700	32x80
PVT 490/6	6	490	500	250	1,5-3,0	7,0-12	1180	1800	860	1070	1900	32x80

PVT P

BENNE

- Benne a polipo con cilindri verticali per escavatori
- Polyp grapples with vertical cylinders for excavators
- Mehrschalengreifer mit senkrechten Zylindern für Bagger
- Grappins à ferraille avec vérins verticaux pour pelles
- Pulpos para chatarra con cilindros verticales para máquinas excavadoras



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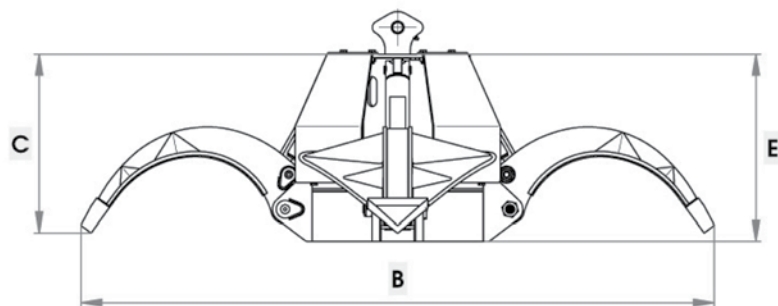
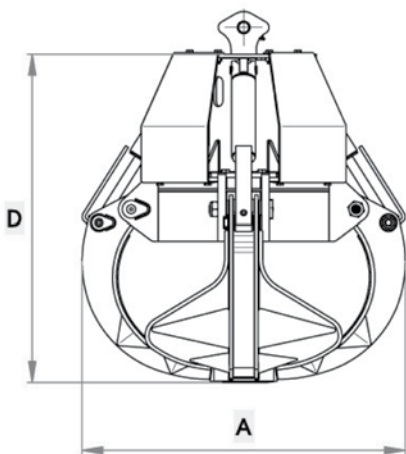
portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight



Modello Type	Denti Teeth	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	FxL
PVT 500/5 P	5	500	900	250	-	15-20	1215	1860	970	1170	1960	50x100
PVT 510/6 P	6	500	1000	250	-	15-20	1215	1860	970	1170	1960	50x100
PVT 600/5 P	5	600	1100	250	-	18-25	1280	1960	1020	1230	2100	50x100
PVT 610/6 P	6	600	1200	250	-	18-27	1280	1960	1020	1230	2100	50x100
PVT 800/5 P	5	800	1700	250	-	24-35	1625	2450	1280	1575	2630	50x100
PVT 810/6 P	6	800	1800	250	-	24-37	1625	2450	1280	1575	2630	50x100

- Polipo con magnete incorporato per gru da camion
- Polyp Grapple with integrated magnet for truck cranes
- Mehrschalengreifer mit Einbaumagnet für LKW-Ladekräne
- Grappin avec aimant intégré pour grues sur camion
- Pulpo con imán integrado para grúas sobre camion



 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight 

11

Modello Type	Denti Teeth	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	 KW	 V.cc	 KG	A	B	C	D	E	FxL
PVT M 260/4	4	260	570	250	0,7-1,6	4,0-7,0	0,5	24	2000	1020	2000	560	1030	590	32x80
PVT M 260/5	5	260	595	250	0,7-1,6	4,0-8,0	0,5	24	2000	1020	2000	560	1030	590	32x80

Accessori

Comando elettrico
completo di pulsantiera
con protezione
IP55 (2x6 mm2)
Dimensioni:
200x300x400
Cavo elettrico 2x6 mm2
Avvolgi cavo-corsa max
12 metri.

Accessories

Electric control with
button panel with
protection IP55
(2x6 mm2)
Dimensions:
200x300x400
Electric cable 2x6 mm2
Cable winding-stroke
max 12 metres.

Zubehör

Elektrische
Steuerung mit
Schalttafel mit
Schutzvorrichtung
IP55 (2x6 mm2)
Abmessungen:
200x300x400
Stromkabel 2x6 mm2
Kabelwickler - max. Hub
12 Meter.

Accessoires

Commande électrique
avec tableau de
commande avec
protection IP55
(2x6 mm2)
Dimensions:
200x300x400
Câble électrique 2x6
mm2. Enrouleur de
câble- course maxi
12 mètres.

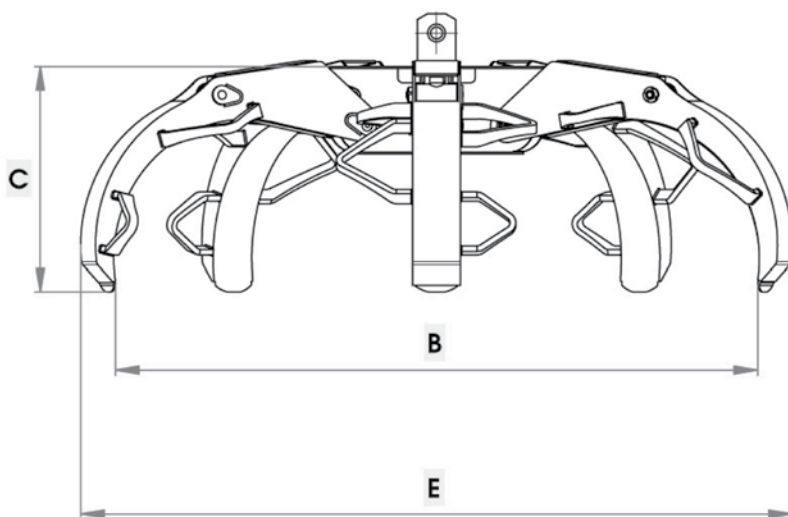
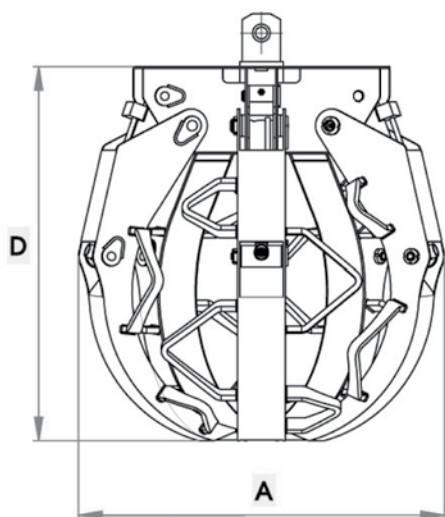
Accesorios

Juego de control
eléctrico y panel de
mando con protección
IP55 (2x6 mm2)
Medidas:
200x300x400
Cable eléctrico 2x6 mm2
Bobinador de cable
carrera max. 12 metros .

PLOT

BENNE

-  Polipo per legname
-  Polyp Grapple for sawn timber
-  Polypgreifer für klein Holz
-  Grappin pour reprise de bois scié
-  Pulpo para madera



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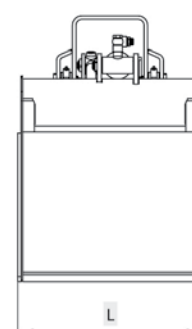
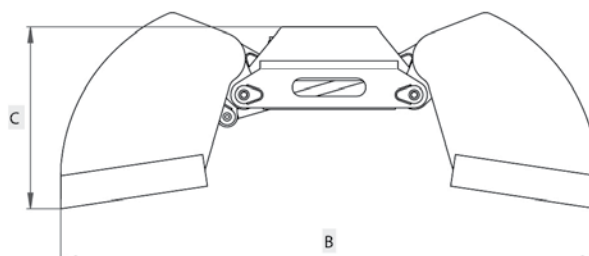
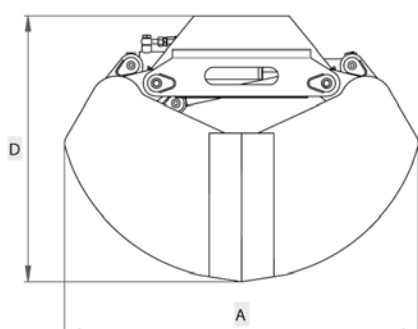
portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight



Modello Type	Denti Teeth	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	FxL
PLOT 120/5	5	120	130	250	0,25-0,5	1,5-3,0	780	1400	500	780	1520	25x30
PLOT 285/5	5	285	220	250	0,5-1,1	3,0-6,0	950	1805	645	1100	1930	30x40
PLOT 440/5	5	440	393	250	1,0-3,0	7,0-12	1140	2330	712	1260	2470	32x80

-  Benna bivalente a cilindro orizzontale per carico e scarico di materiali diversi
-  Clamshell bucket with horizontal cylinder for handling different materials
-  Zweischalengreifer mit liegendem Zylinder für den Umschlag von verschiedenen Werkstoffen
-  Benne preneuse à vérin horizontal pour reprise de matériaux différents
-  Cuchara bivalva con cilindro horizontal para carga y descarga de materiales diversos



 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore 
excavator weight

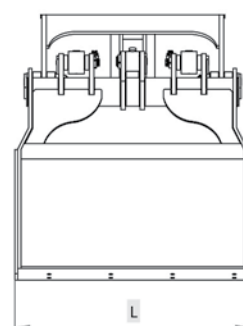
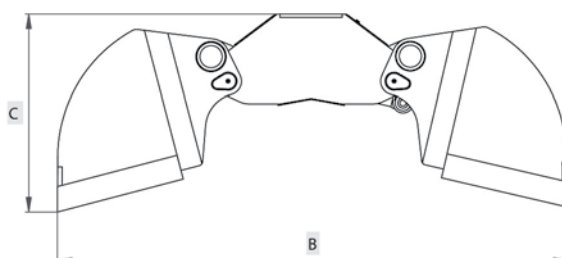
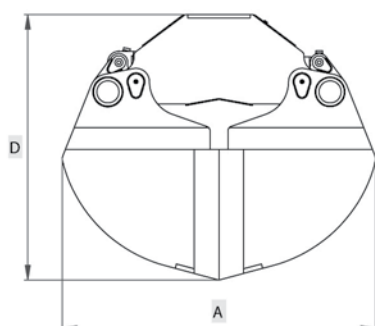
13

Modello Type	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
BOTL 150	150	260	200	0,6-1,5	4,0-7,0	1206	1830	620	900	360
BOTL 210	220	269	200	0,6-1,8	4,0-7,0	1206	1830	620	900	430
BOTL 300	300	287	200	0,8-2,0	4,0-7,0	1206	1830	620	900	630
BOTL 400	400	296	200	0,8-2,0	4,0-7,0	1206	1830	620	900	730
BOTL 450	460	305	200	0,8-2,2	4,0-7,0	1206	1830	620	900	830
BOTL 590	580	323	200	0,8-2,4	4,0-8,0	1206	1830	620	900	1030

BOT2

BENNE

-  Benna bivalve con due cilindri orizzontali con grande capacità di carico e per impieghi gravosi
-  Clamshell bucket with two horizontal cylinders with great intake and for heavy duty works
-  Schüttgutgreifer mit zwei liegenden Zylindern mit großem Inhalt und für schwer Einsatz
-  Benne preneuse à deux vérins horizontaux pour charges volumineuses et terrassement
-  Cuchara bivalva con dos cilindros horizontales de gran capacidad y para trabajos gravosos



14

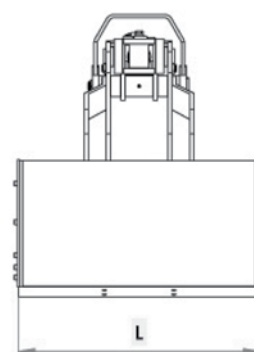
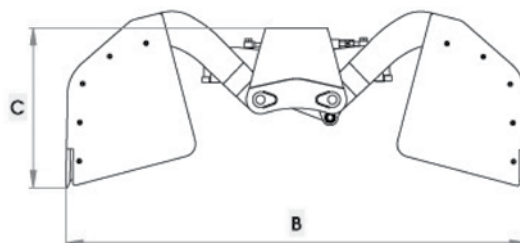
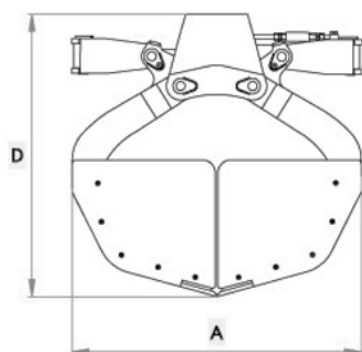
 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight 

Modello Type	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
BOT2 400	400	430	250	1,0-2,5	6,0-12	1140	1840	710	950	840
BOT2 500	500	460	250	1,5-2,5	6,0-12	1140	1840	710	950	1040
BOT2 790	770	615	250	1,5-2,8	8,5-15	1140	1840	710	950	1540
BOT2 800 P	750	710	250	1,8-2,8	10-18	1400	2270	880	1180	860
BOT2 1000 P	860	850	250	2,0-3,0	12-20	1400	2270	880	1180	1050
BOT2 1200 P	1020	880	250	2,0-3,0	15-25	1400	2270	880	1180	1250
BOT2 1500 P	1230	1100	250	2,5-3,5	15-25	1400	2270	880	1180	1500
BOT2 2000 P	1750	1580	250	2,5-3,5	15-28	1400	2270	880	1180	2000

P=Pesante/Heavy Duty

- 🇮🇹 Benna bivalente "multi-uso" con cilindro orizzontale per carico di materiali alla rinfusa e rifiuti
- 🇬🇧 Clamshell "multi-purpose" bucket with horizontal cylinder for different bulk materials
- 🇩🇪 Mehrzweckgreifer mit liegendem Zylinder für den Umschlag von verschiedenen Werkstoffen
- 🇫🇷 Benne preneuse à vérin horizontal avec parois démontables pour reprise de plusieurs matériaux
- 🇪🇸 Cuchara bivalva "multi-usages" con cilindro horizontal para la carga de materiales diversos



 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore 
excavator weight

15

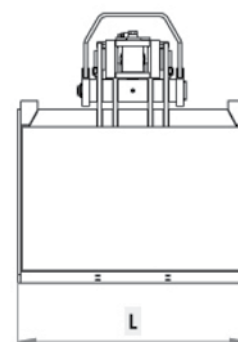
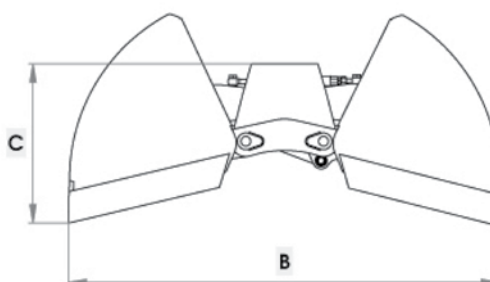
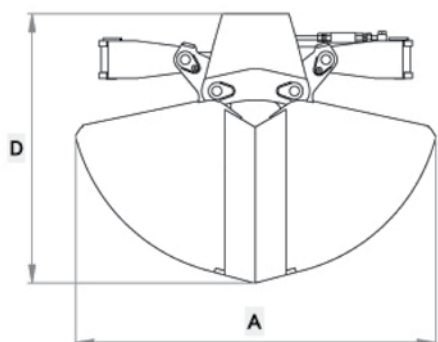
Modello Type	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
BOT R 250	280	310	200	0,8-2,0	4,0-7,0	1130	1780	620	1100	530
BOT R 300	330	322	200	0,8-2,2	4,0-7,0	1130	1780	620	1100	630
BOT R 450	430	334	200	0,8-2,4	4,0-7,0	1130	1780	620	1100	830
BOT R 500	530	346	200	1,0-2,8	4,0-8,0	1130	1780	620	1100	930

- * 1) Con pareti amovibili di serie
- * 2) Delivered with removable side plates
- * 3) Mit abnehmbaren Seitenwänden geliefert
- * 4) De série avec parois amovibles
- * 5) De serie con lados amovibles

BOT S

BENNE

-  Benna bivalve con cilindro orizzontale per carico e scarico *¹
-  Clamshell bucket with horizontal cylinder for handling different materials *²
-  Schüttgutgreifer mit liegendem Zylinder für den Umschlag von verschiedenen Werkstoffen *³
-  Benne preneuse à vérin horizontal pour reprise de matériaux différents *⁴
-  Cuchara bivalva con cilindro horizontal para carga y descarga de materiales diversos *⁵



16

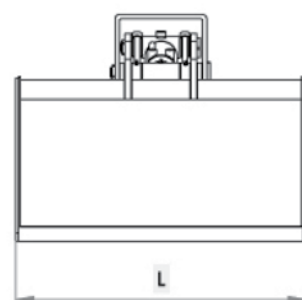
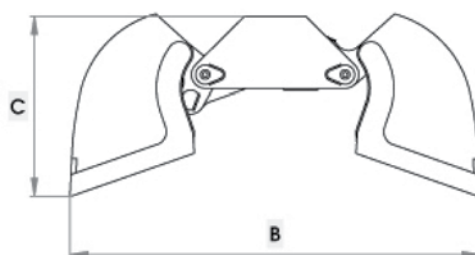
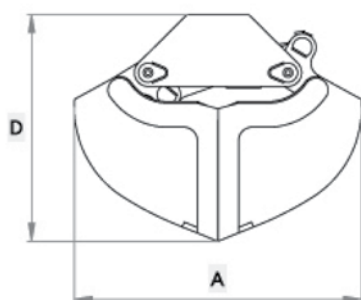
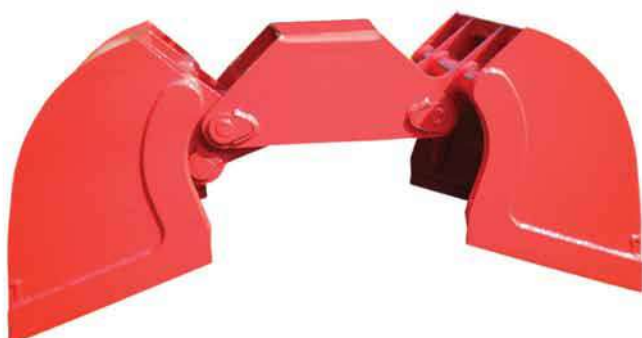
 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight 

Modello Type	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
BOT S 205	200	260	200	0,6-1,5	4,0-7,0	1300	1550	580	970	430
BOT S 255	250	280	200	0,8-2,0	4,0-7,0	1300	1550	580	970	530
BOT S 305	300	300	200	0,8-2,4	4,0-7,0	1300	1550	580	970	630
BOT S 405	400	320	200	1,0-2,8	4,0-7,0	1300	1550	580	970	730
BOT S 505	500	340	200	1,0-2,8	4,0-8,0	1300	1550	580	970	830

- * 1) Espulsore a richiesta
- * 2) Ejector by request
- * 3) Auswerfer auf Wunsch
- * 4) Racleur sur demande
- * 5) Espulsor se pregunta

-  Benna bivalve a cilindro orizzontale per carico e scarico
-  Clamshell bucket with horizontal cylinder for loading and unloading
-  Zweischalengreifer mit liegendem Zylinder für den Umschlag von verschiedenen Werkstoffen
-  Benne de reprise à vérin horizontal
-  Cuchara bivalva con cilindro horizontal para carga y descarga



 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight 

17

Modello Type	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
BOTL M 35	35	32	200	0,1-0,3	0,8-1,0	456	624	304	357	305
BOTL M 50	50	52	200	0,2-0,4	0,8-1,2	626	894	390	492	330
BOTL M 91	90	85	200	0,2-0,5	1,0-1,5	770	1100	480	605	350
BOTL M 125	125	134	200	0,3-0,7	1,2-1,7	840	1200	523	660	450
BOTL M 155	155	143	200	0,4-0,8	1,2-2,0	840	1200	523	660	550
BOTL M 175	175	152	200	0,5-0,9	1,5-2,2	840	1200	523	660	650
BOTL M 205	205	161	200	0,6-1,0	1,8-2,5	840	1200	523	660	750
BOTL M 225	225	170	200	0,7-1,2	1,8-3,0	840	1200	523	660	850
BOTL M 320	320	208	200	0,9-1,3	2,5-3,5	1040	1430	565	780	800
BOTL M 360	360	220	200	0,9-1,5	2,5-4,0	1040	1430	565	780	900
BOTL M 400	400	232	200	1,0-1,6	3,0-5,0	1040	1430	565	780	1000
BOTL M 500	520	315	200	1,0-2,0	4,0-7,0	1200	1640	660	905	1000
BOTLM 600	620	343	200	1,0-2,0	4,0-7,0	1200	1640	660	905	1200

I dati possono essere variati senza preavviso. *Technical data can be revised without prior notice.*

BOTL MR

BENNE



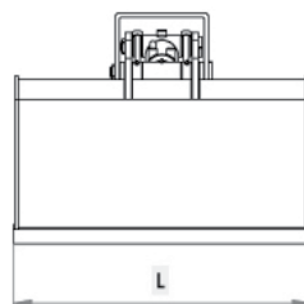
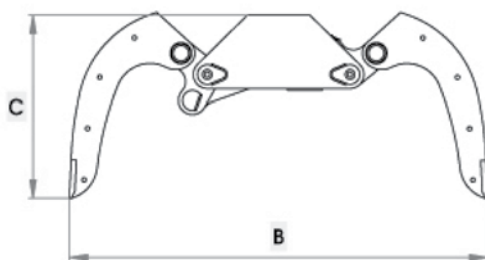
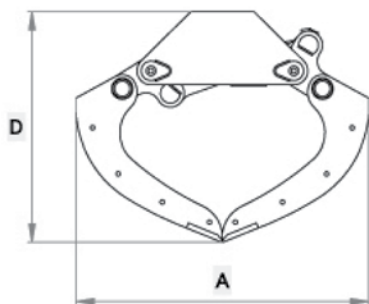
Benna a cilindro orizzontale per manutenzione spazi verdi e rifiuti con pareti a richiesta

Clamshell bucket with horizontal cylinder for green spaces with side-walls on demand

Zweischalengreifer mit liegendem Zylinder für Grün- u. Umweltschlag mit Seitenschalen auf Wunsch

Benne double-coquilles à vérin horizontal pour manutention d'espaces verts et déchets avec parois amovibles sur demande

Cuchara bivalva con cilindro horizontal para manutención de espacios verdes y desperdicios con paredes laterales amovibles su pregunta



18



portata gru a braccio sfilato
lifting capacity at the end of boom

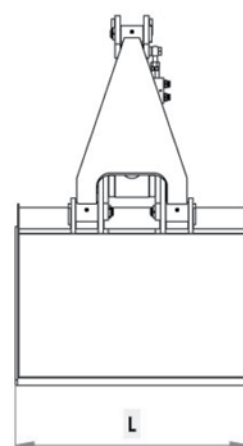
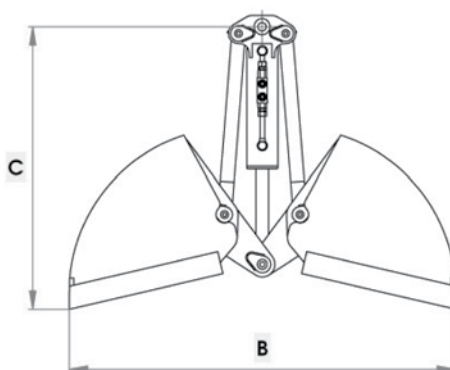
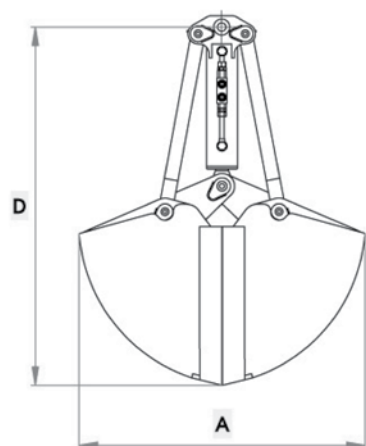
peso escavatore
excavator weight



Modello Type	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
BOTL MR 35	35	32	200	0,1-0,3	0,8-1,0	456	624	304	357	305
BOTL MR 50	50	52	200	0,2-0,4	0,8-1,2	626	894	390	492	330
BOTL MR 91	90	85	200	0,2-0,5	1,0-1,5	770	1100	480	605	350
BOTL MR 125	125	134	200	0,3-0,7	1,2-1,7	840	1200	523	660	450
BOTL MR 155	155	143	200	0,4-0,8	1,2-2,0	840	1200	523	660	550
BOTL MR 175	175	152	200	0,5-0,9	1,5-2,2	840	1200	523	660	650
BOTL MR 205	205	161	200	0,6-1,0	1,8-2,5	840	1200	523	660	750
BOTL MR 225	225	170	200	0,7-1,2	1,8-3,0	840	1200	523	660	850
BOTL MR 320	320	208	200	0,9-1,3	2,5-3,5	1040	1430	565	780	800
BOTL MR 360	360	220	200	0,9-1,5	2,5-4,0	1040	1430	565	780	900
BOTL MR 400	400	232	200	1,0-1,6	3,0-5,0	1040	1430	565	780	1000
BOTL MR 500	520	315	200	1,0-2,0	4,0-7,0	1200	1640	660	905	1000
BOTL MR 600	620	343	200	1,0-2,0	4,0-7,0	1200	1640	660	905	1200

I dati possono essere variati senza preavviso. *Technical data can be revised without prior notice.*

-  Benna bivalve con cilindro verticale per scavi leggeri
-  Clamshell bucket with vertical cylinder for light excavating
-  Zweischalengreifer mit senkrechtem Zylinder für leichte Ausgrabungen
-  Benne double coquilles à vérin vertical pour creusements légères
-  Cuchara bivalva con cilindro vertical para excavaciones ligeras



 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore 
excavator weight

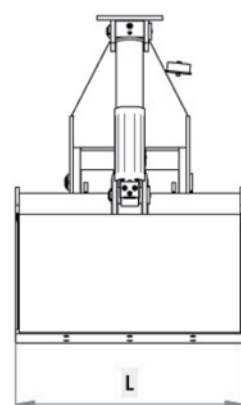
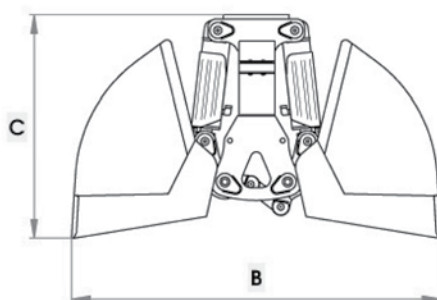
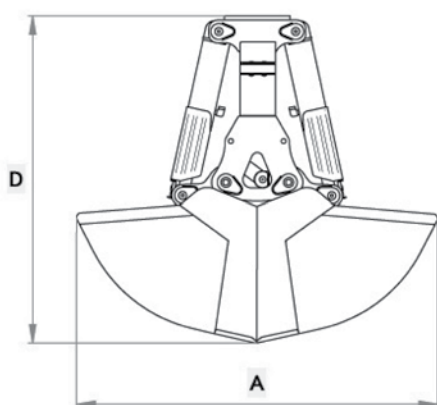
19

Modello Type	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
BVT 35/1	35	65	200	0,1-0,3	0,8-1,0	590	730	660	770	300
BVT 55/1	55	75	200	0,2-0,4	0,8-1,2	590	730	660	770	500
BVT 100/1	100	130	200	0,4-0,8	1,2-2,0	850	1100	950	1165	430
BVT 155/1	150	152	200	0,5-0,9	1,5-2,5	850	1100	950	1165	630
BVT 200/1	200	240	200	0,8-2,0	2,0-3,5	1020	1370	1010	1280	630
BVT 300/1	300	260	200	0,8-2,2	3,0-4,5	1020	1370	1010	1280	830
BVT 400/1	400	280	200	0,8-2,4	3,5-7,0	1020	1370	1010	1280	1030
BVT 500/1	500	300	200	1,0-2,8	4,0-8,0	1020	1370	1010	1280	1230

BVT 2

BENNE

-  Benna bivalve con due cilindri verticali per scavo *¹
-  Clamshell bucket with two vertical cylinders for digging *²
-  Grabgreifer mit zwei senkrechten Zylindern *³
-  Benne preneuse à deux vérins verticaux pour creusements *⁴
-  Cuchara bivalva con cilindro vertical para excavaciones *⁵



20

 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore 
excavator weight

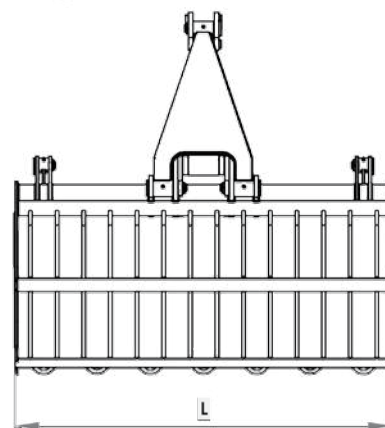
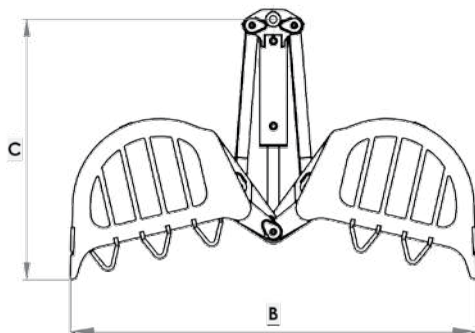
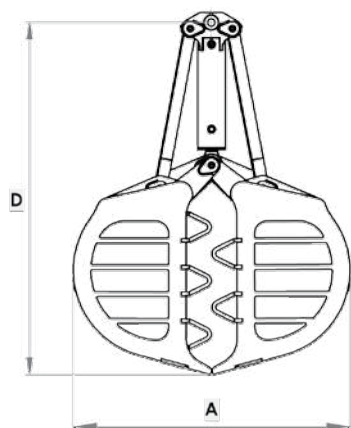
Modello Type	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
BVT 250/2 L	220	175	250	0,5-0,9	1,5-2,5	1200	1150	700	976	500
BVT 350/2 L	260	185	250	0,8-2,0	2,0-3,5	1200	1150	700	976	600
BVT 255/2	250	260	250	0,8-2,0	3,0-4,5	1300	1280	800	1145	500
BVT 355/2	300	280	250	1,2-2,2	5,0-10	1300	1280	800	1145	600
BVT 500/2	410	313	250	1,2-2,4	6,0-12	1300	1280	800	1145	800
BVT 600/2	530	346	250	1,5-2,8	6,0-12	1300	1280	800	1145	1000
BVT 220/2 P	50	210	250	1,5-2,8	7,0-14	910	905	750	960	270
BVT 270/2 P	140	270	250	1,5-2,8	7,0-14	1260	1350	860	1190	270
BVT 510/2 P	240	315	250	1,5-3,0	7,0-16	1260	1350	860	1190	510

L = Leggera
P = Scassetamento binari

- * 1) Espulsore a richiesta
- * 2) Ejector by request
- * 3) Auswerfer auf Wunsch
- * 4) Racleur sur demande
- * 5) Espulsor se pregunta

I dati possono essere variati senza preavviso. *Technical data can be revised without prior notice.*

- 🇮🇹 Benna bivalve con due cilindri verticali per scavo *¹
- 🇬🇧 Clamshell bucket with two vertical cylinders for digging *²
- 🇩🇪 Grabgreifer mit zwei senkrechten Zylindern *³
- 🇫🇷 Benne preneuse à deux vérins verticaux pour creusements *⁴
- 🇪🇸 Cuchara bivalva con cilindro vertical para excavaciones *⁵



 portata gru a braccio sfilato
lifting capacity at the end of boom

 peso escavatore
excavator weight

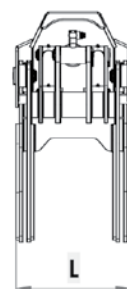
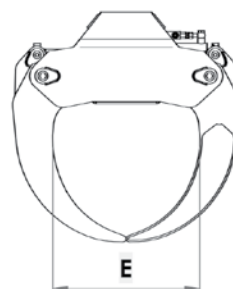
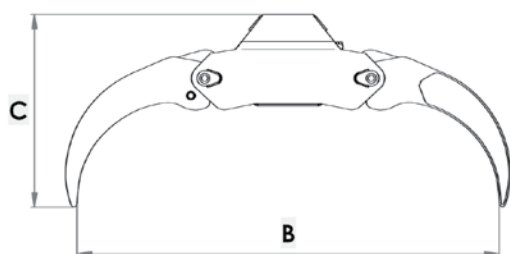
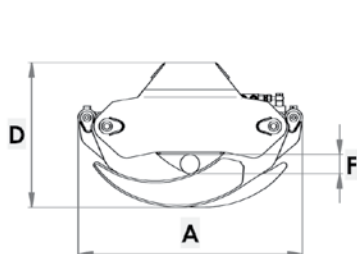
21

Modello Type	Cap. Lt	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
BVTB 950/1	515	270	250	0,8-1,5	4,0-8,0	1100	1610	1040	1400	950
BVTB 1150/1	630	290	250	0,8-1,5	4,0-8,0	1100	1610	1040	1400	1150
BVTB 1350/1	740	310	250	1,0-1,8	6,0-10	1100	1610	1040	1400	1350
BVTB 1500/1	830	336	250	1,0-1,8	6,0-10	1100	1610	1040	1400	1500

POTB H

PINZE

-  Pinza tronchi a cilindro orizzontale senza lama - Serie Pesante
-  Log grab with horizontal cylinder without blade - Heavy version
-  Holzgreifer mit liegendem Zylinder ohne Klinge - Schwere Ausführung
-  Pince à bois à vérin horizontal sans lame - Série industriel
-  Pinza con cilindro horizontal sin lámina - Serie pesada



22



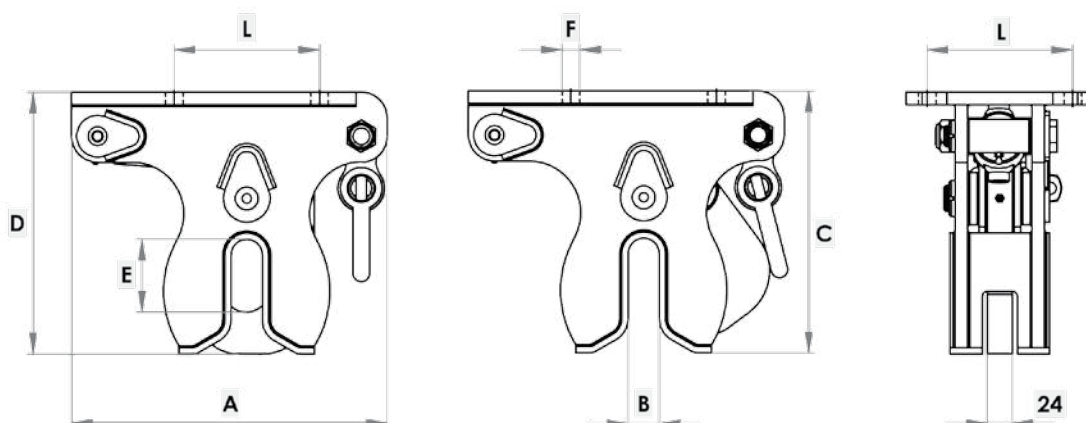
portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight



Modello Type	Cap. m ³	Portata Kg. Load	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	F	L
POTB 204 H	0,20	2000	122	200	0,4-0,8	3,5-5,0	740	1300	630	450	500	70	360
POTB 304 H	0,30	3000	230	200	0,8-1,6	5,0-9,0	865	1610	720	550	560	80	440
POTB 404 H	0,40	4000	330	200	1,5-2,8	8,0-13	1000	1900	850	650	690	90	530

-  Gancio idraulico
-  Hydraulic hook
-  Hydraulischer Haken
-  Crochet hydraulique
-  Gancho hidráulico



 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight 

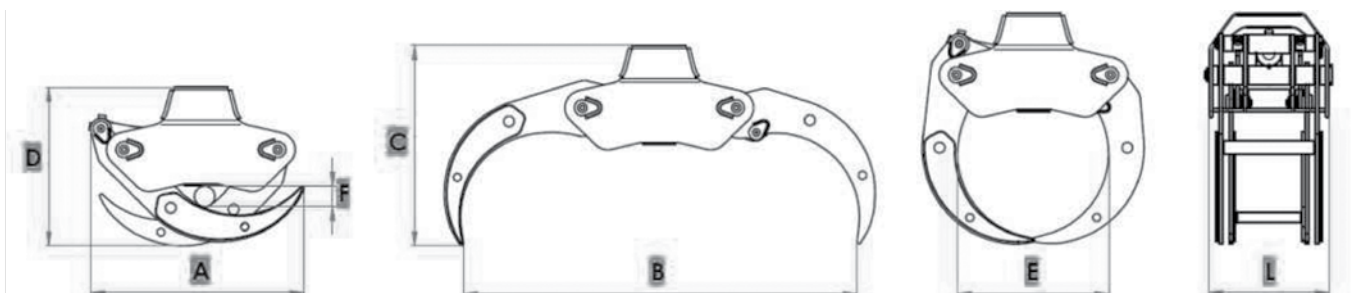
23

Modello Type	Portata Kg. Load	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E
PGT 330	3300	20	200	1,5-3,5	4,0-9,0	304	30	250	250	70

POTB L

PINZE

- 🇮🇹 Pinza tronchi con cilindro orizzontale – Serie leggera
- 🇬🇧 Log grab with horizontal cylinder for light duty
- 🇩🇪 Holzzange mit liegendem Zylinder für kleine Kräne und Auflader
- 🇫🇷 Pince à bois avec vérin horizontal – Série légère
- 🇪🇸 Pinza para madera con cilindro horizontal – Serie ligera



24

 portata gru a braccio sfilato
lifting capacity at the end of boom

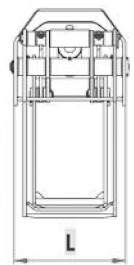
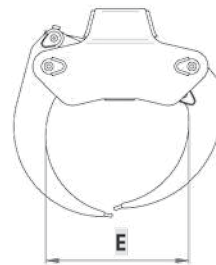
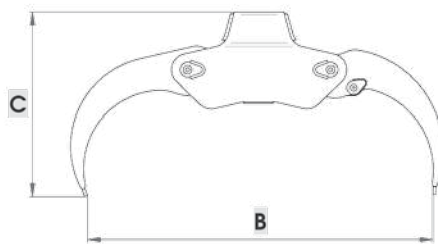
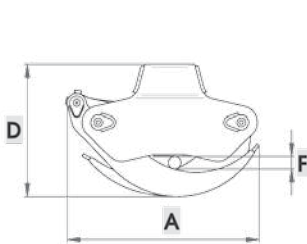
peso escavatore
excavator weight 

Modello Type	Cap. M³	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	F	L
POTB 100 L	0,15	800	65	180	0,2-0,5	1,5-2,0	680	1000	680	450	435	55	250
POTB 250 L	0,20	1500	115	180	0,3-0,7	2,0-3,0	720	1300	660	510	510	60	350
POTB 350 L	0,30	2500	170	180	0,5-1,0	3,0-5,0	800	1470	750	570	575	67	450
POTB 450 L	0,40	3000	260	180	0,8-1,6	5,0-8,0	945	1740	880	690	690	95	550

POTB LL

PINZE

- 🇮🇹 Pinza tronchi con cilindro orizzontale – Serie leggera
- 🇬🇧 Log grab with horizontal cylinder for light duty
- 🇩🇪 Holzzange mit liegendem Zylinder für kleine Kräne und Auflader
- 🇫🇷 Pince à bois avec vérin horizontal – Série légère
- 🇪🇸 Pinza para madera con cilindro horizontal – Serie ligera



 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight 

25

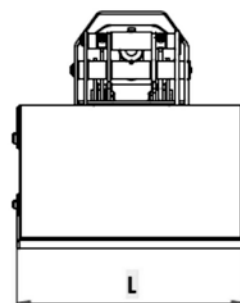
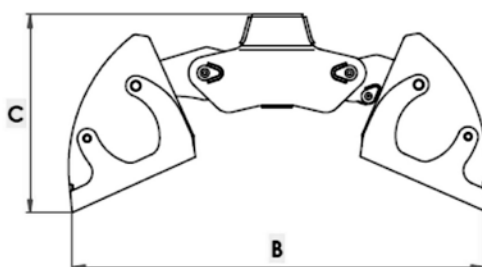
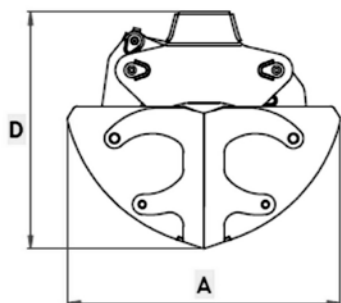
Modello Type	Cap. M³	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	F	L
POTB 105 LL	0,15	800	55	180	0,2-0,5	1,5-2,0	590	1080	570	410	450	45	250
POTB 255 LL	0,20	1500	105	180	0,3-0,7	2,0-3,0	670	1250	660	470	510	50	350
POTB 355 LL	0,30	2500	160	180	0,5-1,0	3,0-5,0	760	1470	700	530	580	60	450
POTB 455 LL	0,40	3000	240	180	0,8-1,6	5,0-8,0	910	1630	880	620	690	70	550

LL = Con lama

Kit Benna

PLINZE

-  Kit pareti benna amovibili
-  Kit removable side-walls
-  Kit abnehmbare Seitenschalen
-  Kit parois amovibles
-  Kit paredes laterales amovibles



26



portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight

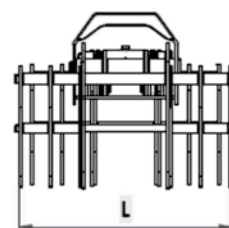
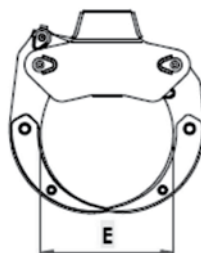
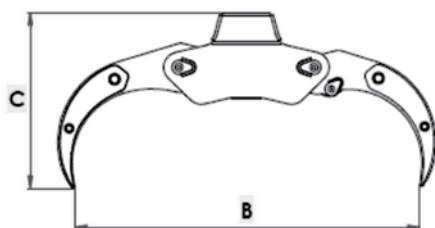
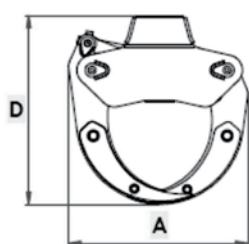


Modello Type	Cap. Lt	Portata Kg. Load	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
POTB 100 L	160	800	143	180	0,2-0,5	1,5-2,0	835	1000	700	740	650
POTB 250 L	240	1500	215	180	0,3-0,7	2,0-3,0	960	1450	690	830	750
POTB 350 L	370	2500	310	180	0,5-1,0	3,0-5,0	1080	1640	785	940	910
POTB 450 L	550	3000	440	180	0,8-1,6	5,0-8,0	1240	1920	910	1100	1010

KIT Denti

-  Kit denti amovibili
-  Kit removable teeth
-  Kit abnehmbare Zähne
-  Kit dents amovibles
-  Kit dientes amovibles

PINZAF



 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore 
excavator weight

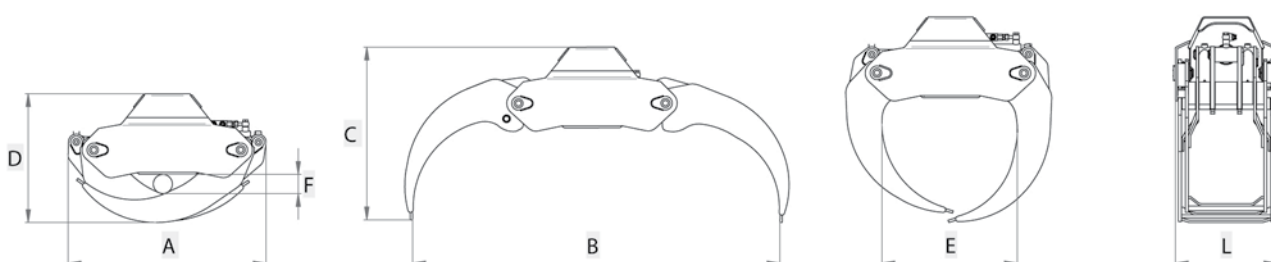
27

Modello Type	Cap. m ³	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	F	L
POTB 100 L	0,15	800	180	0,2-0,5	1,5-2,0	570	1000	680	665	435	310	650
POTB 250 L	0,20	1500	180	0,3-0,7	2,0-3,0	680	1300	660	725	510	330	750
POTB 350 L	0,30	2500	180	0,5-1,0	3,0-5,0	765	1470	750	800	575	360	910
POTB 450 L	0,40	3000	180	0,8-1,6	5,0-8,0	910	1740	880	945	690	430	1010

POTB M

PINZE

-  Pinza per tronchi a cilindro orizzontale
-  Log Grab with horizontal cylinder
-  Holzgreifer mit liegendem Zylinder
-  Pince à grumes avec vérin horizontal
-  Pinza para troncos con cilindro horizontal



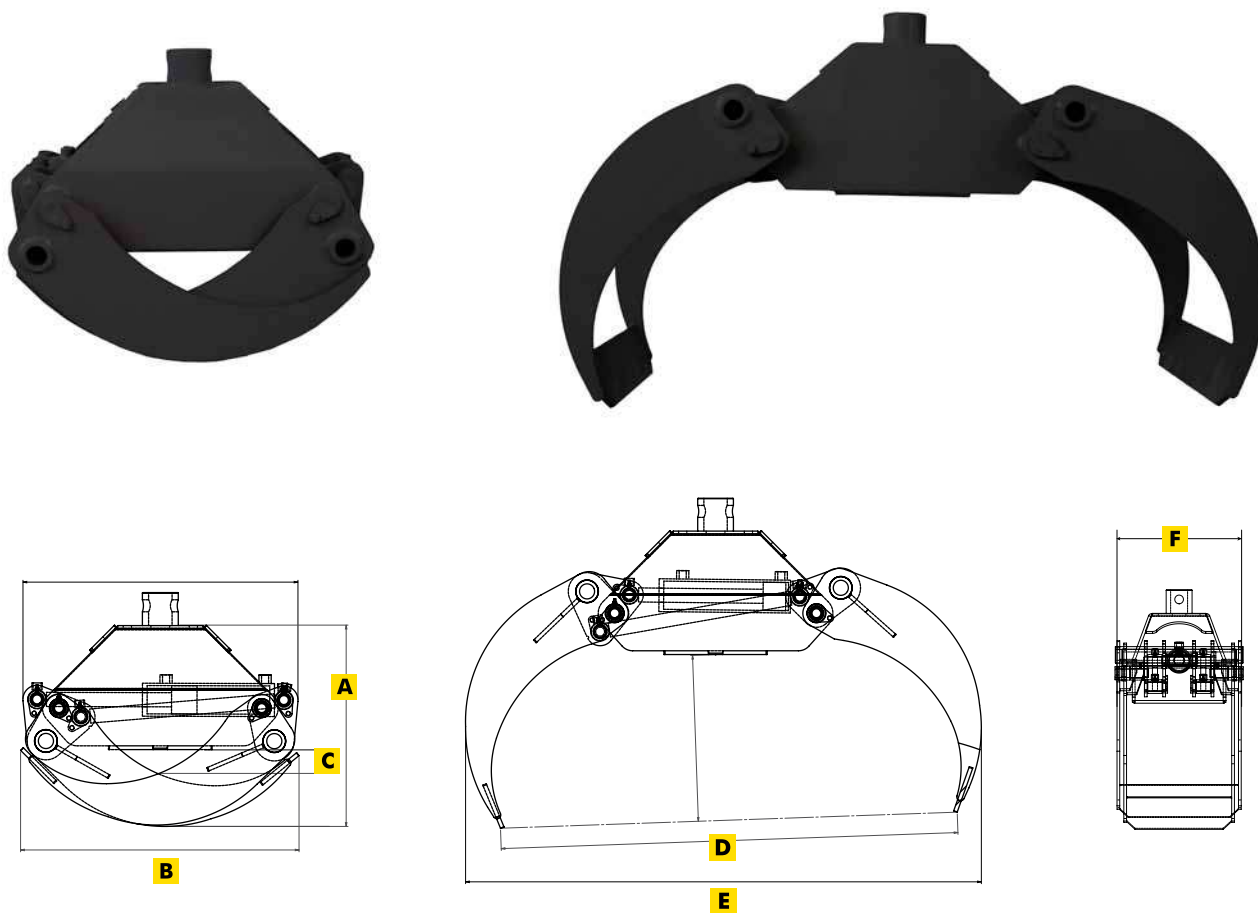
28

 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight 

Modello Type	Cap. M ³	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	F	L
POTB 200 M	0,20	2000	110	200	0,4-0,8	3,5-5,0	740	1400	630	470	540	80	36
POTB 300 M	0,30	3000	210	200	0,8-1,6	5,0-9,0	865	1630	750	570	600	90	440
POTB 400 M	0,40	4000	300	200	1,5-2,8	8,0-13	1000	1880	870	650	690	95	53
POTB 530 M	0,53	5000	470	200	1,5-3,5	12-18	1150	2170	1000	780	850	120	610

-  Pinza tronchi con cilindro orizzontale
-  Log grab with horizontal cylinder
-  Holzzange mit liegendem Zylinder
-  Pince à bois avec vérin horizontal
-  Pinza para madera con cilindro horizontal

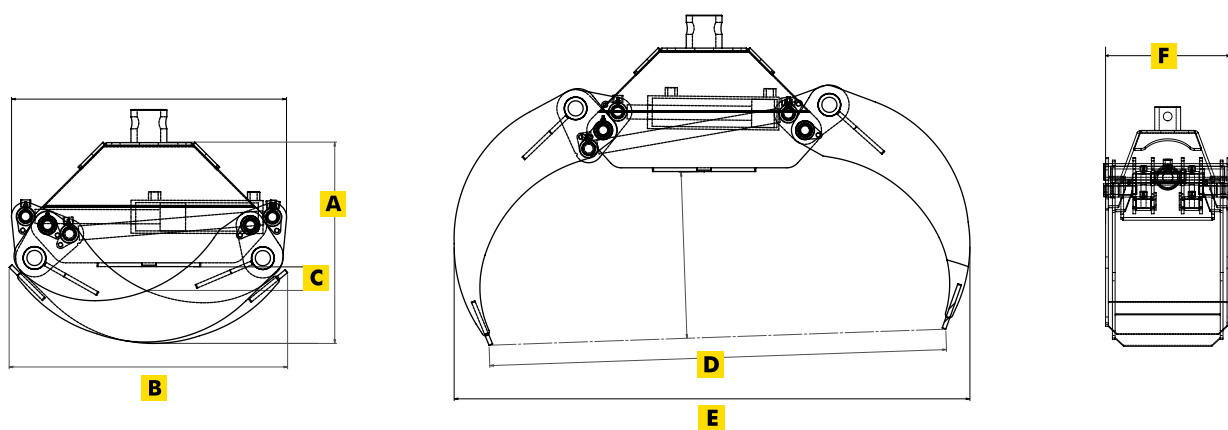


Modello Type	Cap. M ³	Portata Kg Load	Peso Kg Weight	Max Bar	A	B	C	D	E	F
TM 1000	0,15	800	70	180	426	591	55	1000	1099	377
TM 1300	0,20	1500	118	180	490	690	120	1320	1430	450
TM 1500	0,30	2500	138	180	590	860	130	1500	1645	510

MOD TMR

PINZE

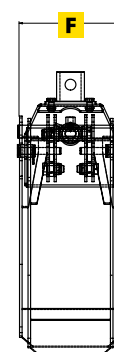
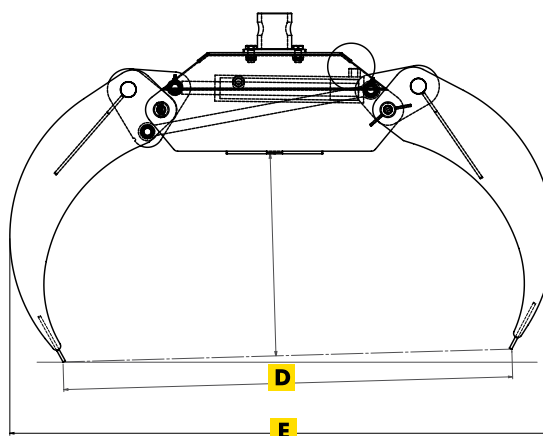
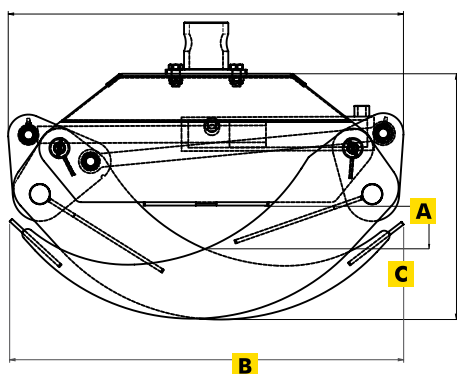
-  Pinza tronchi con cilindro orizzontale
-  Log grab with horizontal cylinder
-  Holzzange mit liegendem Zylinder
-  Pince à bois avec vérin horizontal
-  Pinza para madera con cilindro horizontal



30

Modello Type	Cap. M ³	Portata Kg Load	Peso Kg Weight	Max Bar	A	B	C	D	E	F
TMR 1600	0,30	3000	225	180	500	730	140	1600	1600	375
TMR 1800	0,40	4000	260	180	700	800	160	1880	1880	510

- 🇮🇹 Pinza tronchi con cilindro orizzontale
- 🇬🇧 Log grab with horizontal cylinder
- 🇩🇪 Holzzange mit liegendem Zylinder
- 🇫🇷 Pince à bois avec vérin horizontal
- 🇪🇸 Pinza para madera con cilindro horizontal

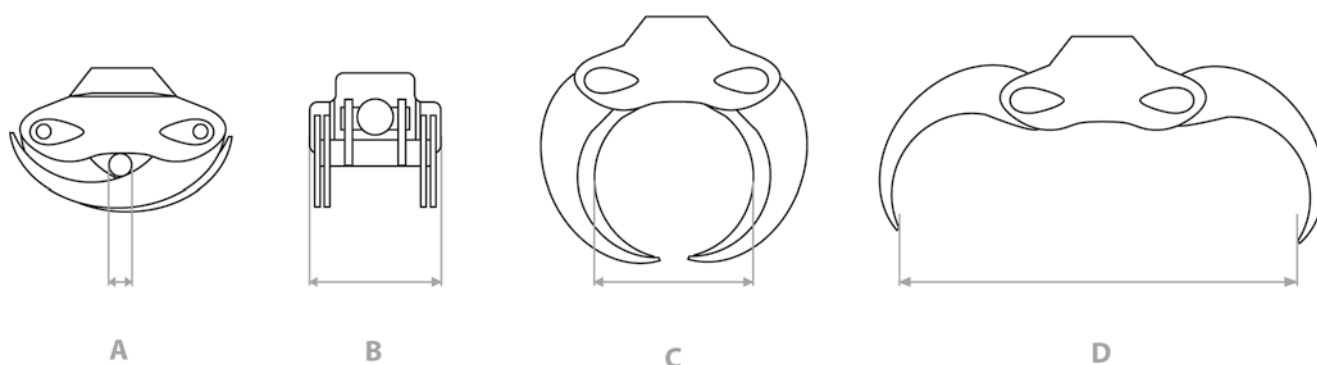


Modello Type	Cap. M³	Portata Kg Load	Peso Kg Weight	Max Bar	A	B	C	D	E	F
HOBBY	0,08	500	37	180	364	583	65	860	1040	250

IT 1300 PF - 400

PINZE

-  Pinze da legna con motosega
-  Wood grab with chainsaw
-  Holzgreifer mit motorsäge
-  Pince à bois avec tronçonneuse
-  Pinza para madera con motosierra



32

Modello Pinza Log Grab Type	Max Bar	A	B	C	D
IT 1300 PF	250	60	350	600	1300
Kit Motosega ChainSaw Type	Max Bar	Taglio Max d. Max Cut (mm)	Olio motore lt Motor Oil	Serbatoio olio lt Oil tank	
IT 400 CTH	250	400	min 45 / max 55	1,2	

Lubrificazione catena - **automatica**
Tendicatena meccanico - **rapido**
Catena + pignone + lama **Harvester**

Chain Lubrification - **automatic**
Mechanical chain tensioner - **rapid**
Chain + pinion + **Harvester** blade

Rotatore consigliato **RX55F4**

Recommended **rotator** **RX55F4**

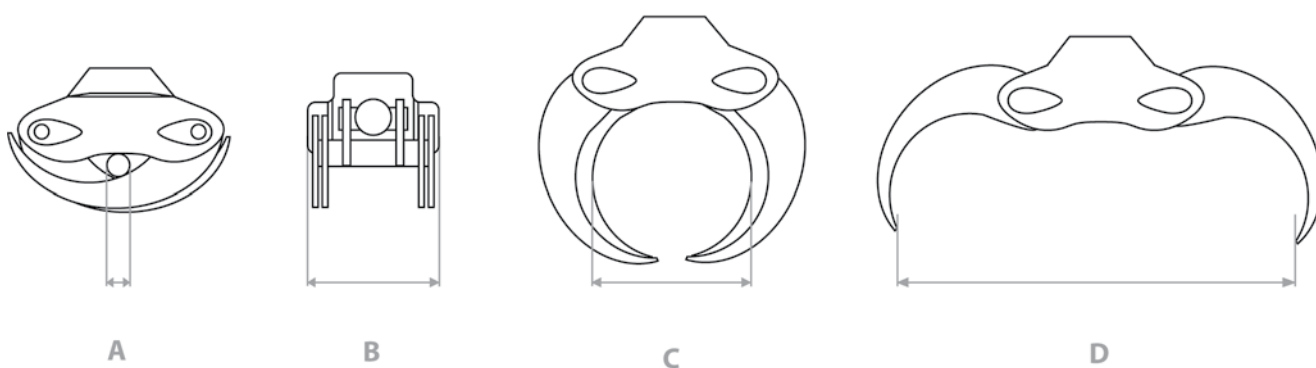
PESO TOTALE Attrezzatura - **240 kg**

TOTAL WEIGHT - **240 kg**

IT 1300 PF - 500

-  Pinze da legna con motosega
-  Wood grab with chainsaw
-  Holzgreifer mit motorsäge
-  Pince à bois avec tronçonneuse
-  Pinza para madera con motosierra

PINZE



33

Modello Pinza Log Grab Type	Max Bar	A	B	C	D
IT 1300 PF	250	60	350	600	1300
Kit Motosega ChainSaw Type	Max Bar	Taglio Max d. Max Cut (mm)	Olio motore lt Motor Oil	Serbatoio olio lt Oil tank	
IT 500 CTH	250	500	min 70 / max 100	1,2	

Lubrificazione catena - **automatica**
Tendicatena meccanico - **rapido**
Catena + pignone + lama **Harvester**

Chain Lubrification - **automatic**
Mechanical chain tensioner - **rapid**
Chain + pinion + **Harvester** blade

Rotatore consigliato **GRS 10**

Recommended **rotator** **GRS 10**

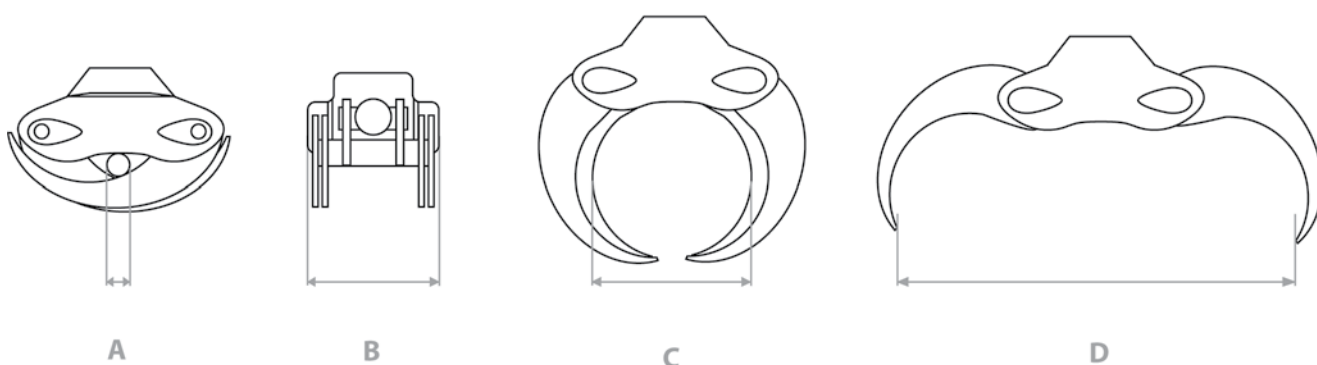
PESO TOTALE Attrezzatura - **330 kg**

TOTAL WEIGHT - **330 kg**

IT 1500 PF - 500

PINZE

-  Pinze da legna con motosega
-  Wood grab with chainsaw
-  Holzgreifer mit motorsäge
-  Pince à bois avec tronçonneuse
-  Pinza para madera con motosierra



34

Modello Pinza Log Grab Type	Max Bar	A	B	C	D
IT 1500 PFV	250	70	460	600	1500
Kit Motosega ChainSaw Type	Max Bar	Taglio Max d. Max Cut (mm)	Olio motore lt Motor Oil	Serbatoio olio lt Oil tank	
IT 500 CTH	250	500	min 70 / max 100	1,2	

Lubrificazione catena - **automatica**
Tendicatena meccanico - **rapido**
Catena + pignone + lama **Harvester**

Chain Lubrification - **automatic**
Mechanical chain tensioner - **rapid**
Chain + pinion + **Harvester** blade

Rotatore consigliato **GRS 10**

Recommended **rotator** **GRS 10**

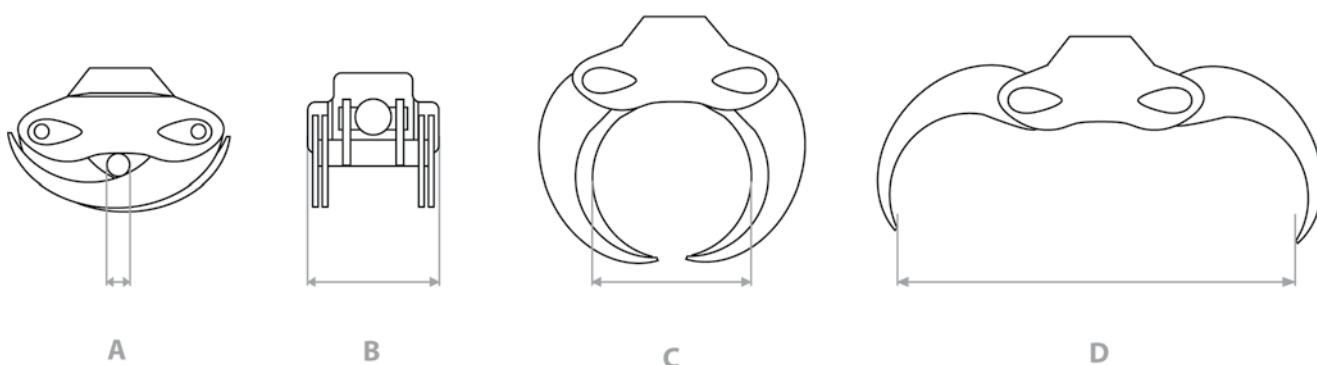
PESO TOTALE Attrezzatura - **450 kg**

TOTAL WEIGHT - **450 kg**

IT 1600 PFV - 500

-  Pinze da legna con motosega
-  Wood grab with chainsaw
-  Holzgreifer mit motorsäge
-  Pince à bois avec tronçonneuse
-  Pinza para madera con motosierra

PINZE



35

Modello Pinza Log Grab Type	Max Bar	A	B	C	D
IT 1600 PFV	250	70	440	700	1600
Kit Motosega ChainSaw Type	Max Bar	Taglio Max d. Max Cut (mm)	Olio motore lt Motor Oil	Serbatoio olio lt Oil tank	
IT 500 CTH	250	500	min 70 / max 100	1,2	

Lubrificazione catena - **automatica**
Tendicatena meccanico - **rapido**
Catena + pignone + lama **Harvester**

Chain Lubrification - **automatic**
Mechanical chain tensioner - **rapid**
Chain + pinion + **Harvester** blade

Rotatore consigliato **GRS 10**

Recommended **rotator** **GRS 10**

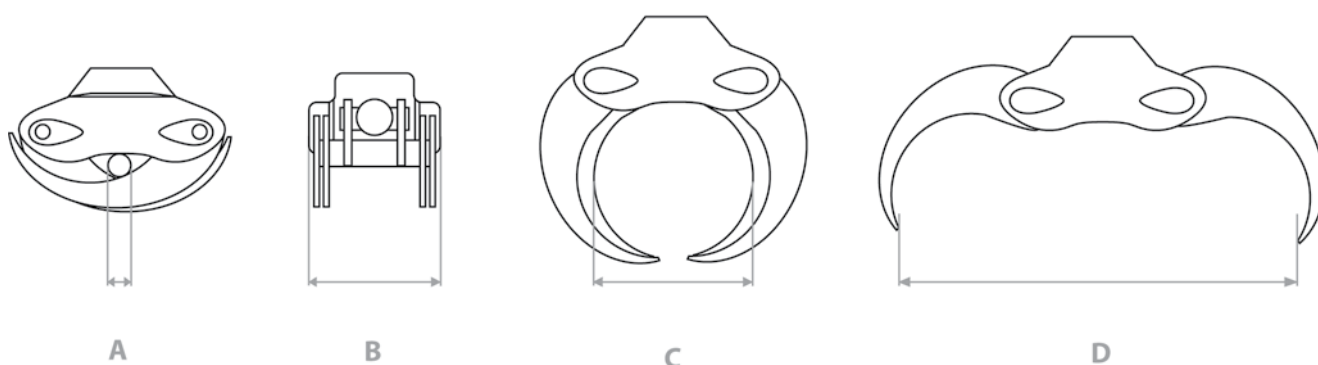
PESO TOTALE Attrezzatura - **500 kg**

TOTAL WEIGHT - **500 kg**

IT 1800 PFV - 700

PINZE

-  Pinze da legna con motosega
-  Wood grab with chainsaw
-  Holzgreifer mit motorsäge
-  Pince à bois avec tronçonneuse
-  Pinza para madera con motosierra



36

Modello Pinza Log Grab Type	Max Bar	A	B	C	D
IT 1800 PFV	250	80	440	800	1800
Kit Motosega ChainSaw Type	Max Bar	Taglio Max d. Max Cut (mm)	Olio motore lt Motor Oil	Serbatoio olio lt Oil tank	
IT 700 CTH	250	700	min 100 / max 160	1,2	

Lubrificazione catena - **automatica**
Tendicatena meccanico - **rapido**
Catena + pignone + lama **Harvester**

Chain Lubrification - **automatic**
Mechanical chain tensioner - **rapid**
Chain + pinion + **Harvester** blade

Rotatore consigliato **GRS 12 S**

Recommended **rotator** **GRS 12 S**

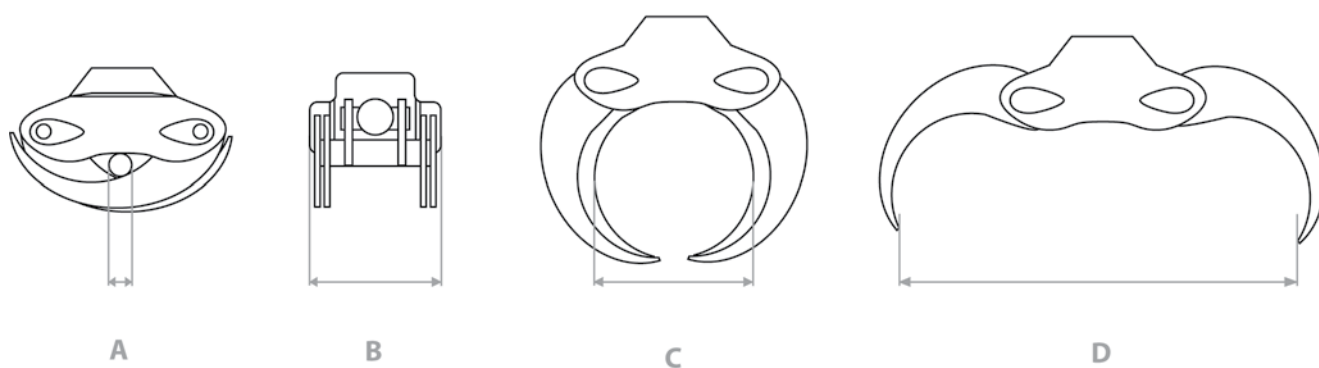
PESO TOTALE Attrezzatura - **650 kg**

TOTAL WEIGHT - **650 kg**

IT 2000 PF - 800

-  Pinze da legna con motosega
-  Wood grab with chainsaw
-  Holzgreifer mit motorsäge
-  Pince à bois avec tronçonneuse
-  Pinza para madera con motosierra

PINZE



37

Modello Pinza Log Grab Type	Max Bar	A	B	C	D
IT 2000 PFV	250	140	520	900	2000
Kit Motosega ChainSaw Type	Max Bar	Taglio Max d. Max Cut (mm)	Olio motore lt Motor Oil	Serbatoio olio lt Oil tank	
IT 800 CTH	250	700	min 100 / max 160	1,2	

Lubrificazione catena - **automatica**
Tendicatena meccanico - **rapido**
Catena + pignone + lama **Harvester**

Chain Lubrification - **automatic**
Mechanical chain tensioner - **rapid**
Chain + pinion + **Harvester** blade

Rotatore consigliato **GRS 12 S**

Recommended **rotator** **GRS 12 S**

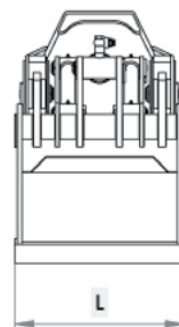
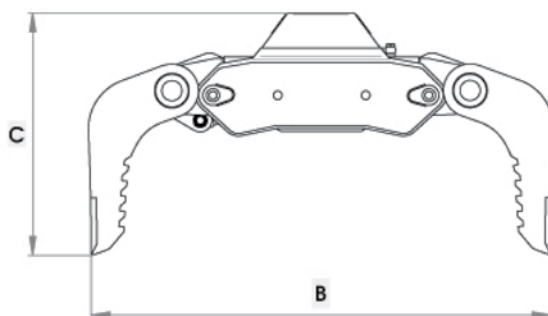
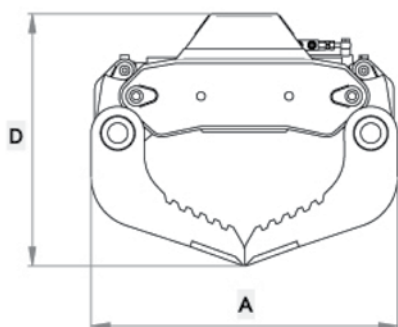
PESO TOTALE Attrezzatura - **700 kg**

TOTAL WEIGHT - **700 kg**

PMT

PINZE

-  Pinza per massi per utilizzo su escavatori
-  Grab for handling blocks for use on excavators
-  Steingreifer für Bagger
-  Pince à blocs pour emploi sur pelles
-  Pinza para la toma de bloques para utilización sobre máquinas excavadoras



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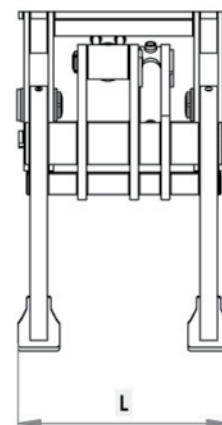
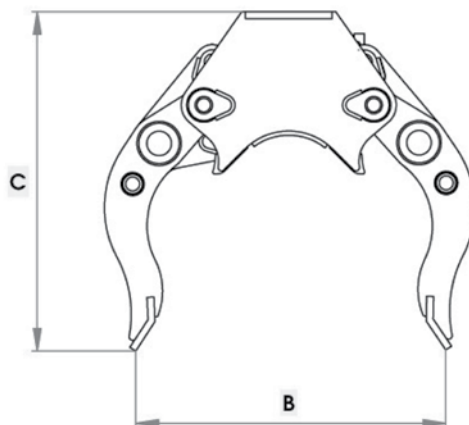
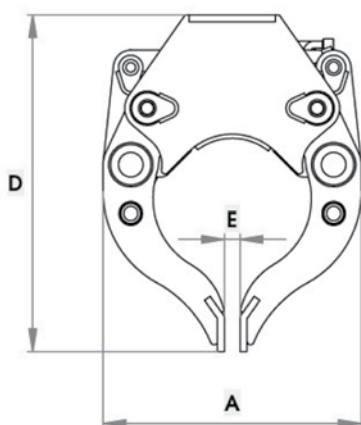


portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight 

Modello Type	Portata Kg. Load	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
PMT 210	1600	180	200	0,4-0,8	3,5-5,0	770	1160	580	615	410
PMT 310	2000	300	200	0,8-1,6	5,0-9,0	900	1370	710	750	490
PMT 410	3500	400	200	1,5-2,8	8,0-13	1060	1610	830	880	590
PMT 510	4500	600	200	1,5-3,5	12-18	1200	1830	950	1000	650

-  Pinza compattatrice
-  Compacting grab (equipment for pressing gravel under rail)
-  Drückzange (Zubehör die Schotten unten Schienen zu kompaktieren)
-  Pince compacteur (de gravier sous les rails)
-  Pinza compactadora



 portata gru a braccio sfilato
lifting capacity at the end of boom

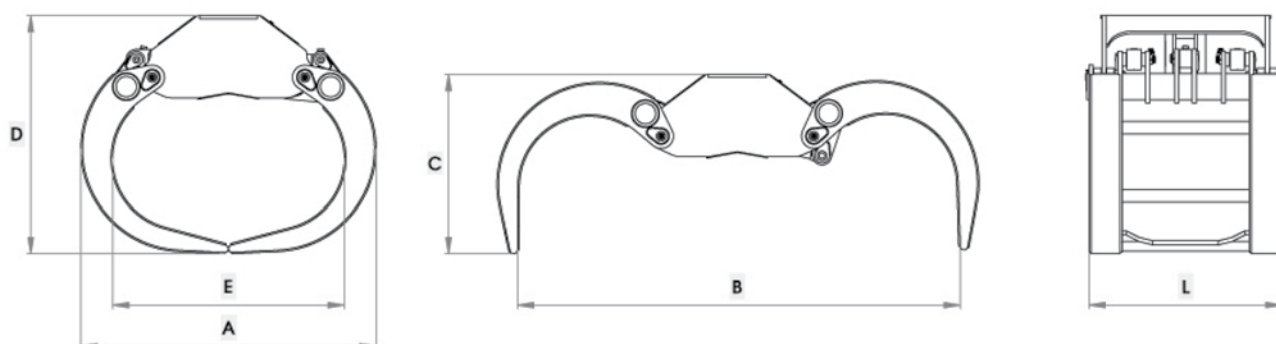
peso escavatore 
excavator weight

Modello Type	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	L
PMC 520	470	250	-	13-25	745	890	970	970	45	610
PMC 520 LX	490	250	-	13-25	745	890	1100	1100	45	610

PTT2

PINZE

- 🇮🇹 Pinza per la movimentazione di traverse ferroviarie
- 🇬🇧 Grab for handling railway sleepers
- 🇩🇪 Zange für den Umschlag von Eisenbahnschwellen
- 🇫🇷 Pince pour manutention de traverses ferroviaires
- 🇪🇸 Pinza para la toma de traviersas ferroviarias



40



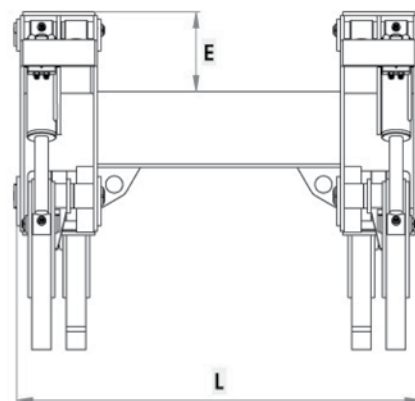
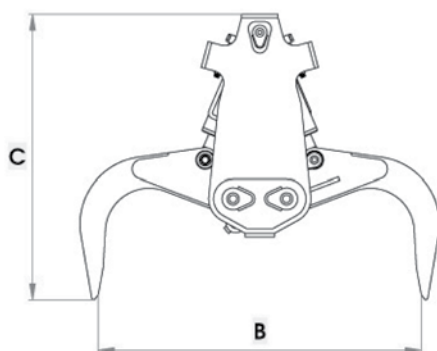
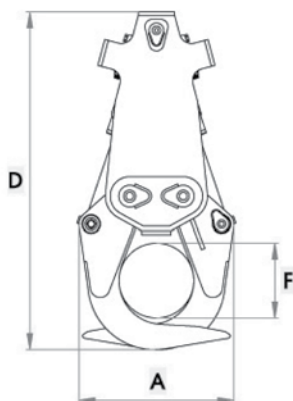
portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight



Modello Type	Cap. M ³	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	L
TT 2 100 L	0,70	3000	650	250	1,5-2,4	10-17	1420	2164	865	1153	1130	930
PTT 2 100 P	0,70	4000	830	250	2,5-3,5	15-24	1420	2164	865	1153	1130	940

-  Pinza per la movimentazione di rotaie
-  Grab for handling rails
-  Zange für den Umschlag von Schienen
-  Pince pour la reprise de rails
-  Pinza para la toma de raíls



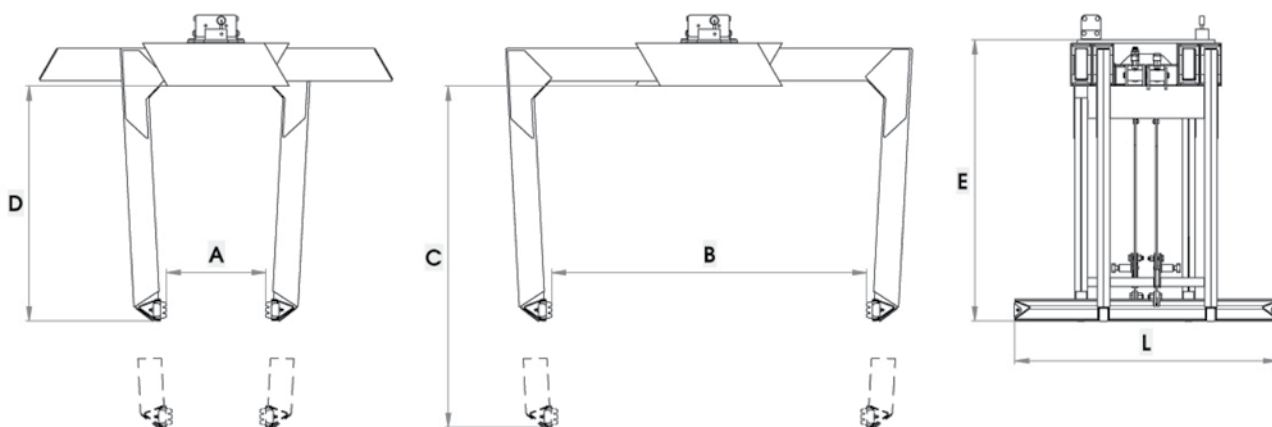
 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore 
excavator weight

41

Modello Type	Portata Kg. Load	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	F	L
PRT 960	4500	560	250	1,5-2,2	13-20	540	1120	980	1180	280	260	1200
PRT 990	7000	900	250	2,0-3,5	20-35	640	1320	1150	1400	330	300	1660

- 🇮🇹 Pinza per movimentazione di pacchi laterizi
- 🇬🇧 Brick-Stack Grapple
- 🇩🇪 Steinstapelzange
- 🇫🇷 Pince à parpaing
- 🇪🇸 Pinza hidráulica para bloques de hormegon y ladrillos



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 portata gru a braccio sfilato
lifting capacity at the end of boom

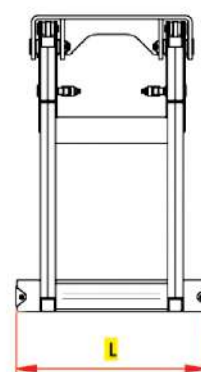
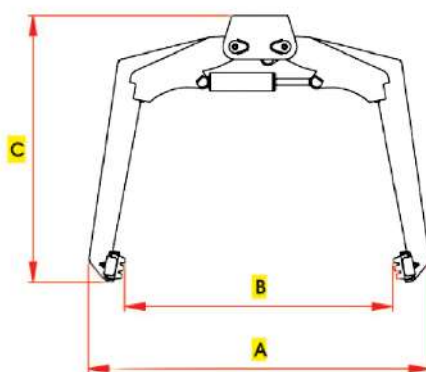
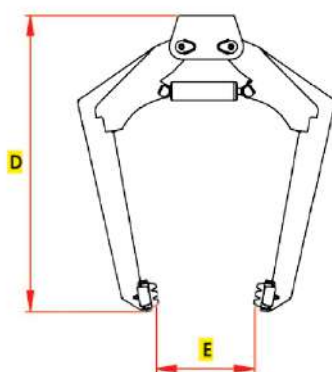
peso escavatore
excavator weight 

Modello Type	Portata Kg. Load	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	L
PTL R 2000	2000*	350	200	1,8-2,5	5,0-12	450	1400	1350 kg 1500	970 kg 2000	1180	1220
PTL RA 2000	2000*	370	200	1,8-2,5	5,0-12	450	1400	1700 kg 1400	1100 kg 2000	1300	1220
PTL F 2000	2000	330	200	1,8-2,5	5,0-12	450	1400	-	1200 kg 2000	1400	1220
PTL R 3000	3000*	500	250	2,2-3,5	8,0-15	450	1400	1350 kg 2500	1100 kg 3000	1350	1220
PTL F 3000	3000	430	250	2,2-3,5	8,0-15	450	1400	-	1200 kg 3000	1450	1220

*= Portata variabile vedi colonna C e D

*= Variable weight loading colon C and D

- 🇮🇹 Pinza per il riciclaggio di elettrodomestici quali lavatrici, frigoriferi, lavastoviglie ecc.
- 🇬🇧 Grab for handling household appliances such as washing machines, fridges, dishwashers, asf...
- 🇩🇪 Hydraulische Zange für den Umschlag von Waschmaschinen, Kühlschränke, Spülmaschinen, usw...
- 🇫🇷 Pince pour le recyclage des électroménagers tels que machines à laver, frigos, lave-vaisselle, etc...
- 🇪🇸 Pinza hidráulica para el reciclaje de electrodomésticos, cuales frigoríficos, lavadoras, lavajillas, etc...



 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight 

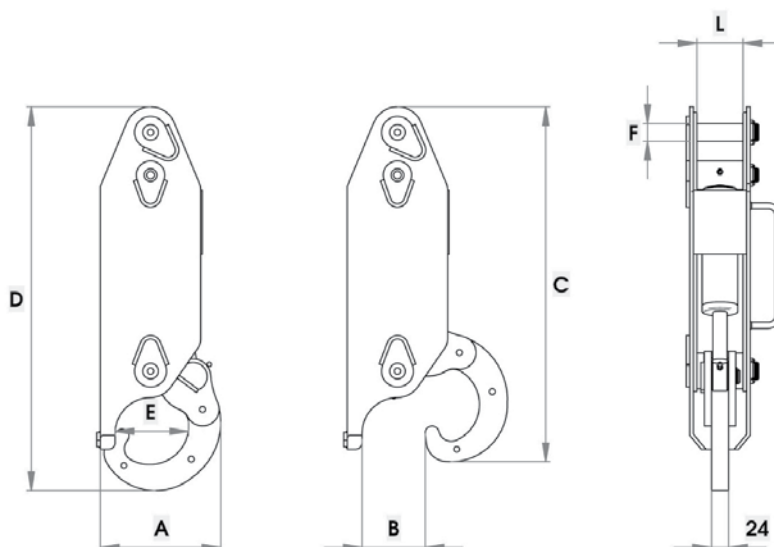
43

Modello Type	Portata Kg. Load	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	L
PFL 150	500	117	200	0,3-1,5	2,5-4,5	1090	850	860	955	300	615

PRCT

GANCIO

-  Gancio idraulico per campane vetro
-  Hydraulic hook for handling glass containers
-  Hydraulische Hacke für Altglascontainer
-  Crochet hydraulique pour conteneurs à verre
-  Gancio hidráulico para contenedores de vidrio



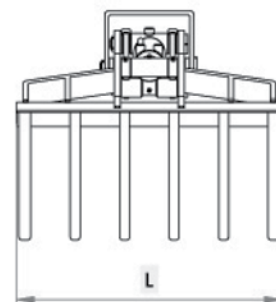
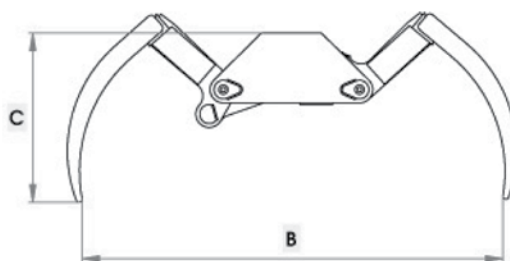
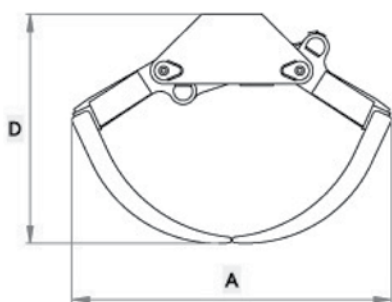
44

Modello Type	Portata Kg. Load	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	FxL
PRCT 100	1000	11	200	0,5-1,3	1,5-3,0	127	83	413	450	86	20x57
PRCT 180	1800	15	200	1,0-1,8	2,0-5,5	170	89	494	540	115	25x65
PRCT 250	2500	23	200	1,5-2,5	4,0-8,0	190	130	510	565	123	30x72

FOTB - FOTB L

FORCHE

- Forca per letame a cilindro orizzontale
- Dung Fork with horizontal cylinder
- Mistgabel mit liegendem Zylinder
- Fourche à fumier avec vérin horizontal
- Horca para estiercol con cilindro horizontal



 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore 
excavator weight

45

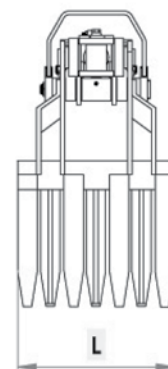
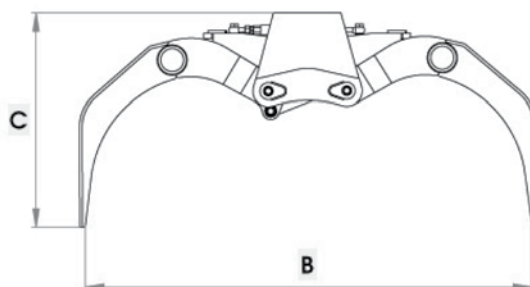
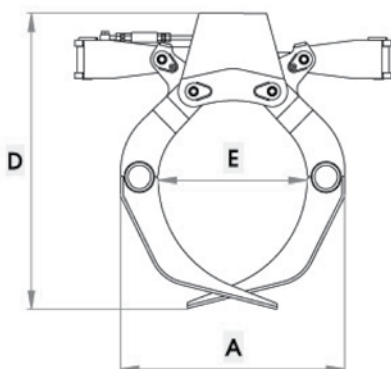
Modello Type	Denti Teeth	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
FOTB 6	6	110	250	0,2-0,4	2,0-3,0	960	1400	510	690	400
FOTB 8	8	130	250	0,4-0,6	3,0-4,0	960	1400	510	690	500
FOTB 10	10	145	250	0,4-0,9	3,0-7,0	960	1400	510	690	650
FOTB 12	12	165	250	0,6-1,0	4,0-8,0	960	1400	510	690	800
FOTB 14	14	185	250	0,8-1,5	5,0-9,0	960	1400	510	690	950
FOTB 16	16	205	250	1,0-1,8	6,0-10	960	1400	510	690	1100
FOTB L 8	8	90	200	0,15-0,3	1,2-1,8	895	1185	465	613	450
FOTB L 10	10	97	200	0,2-0,4	1,5-2,2	895	1185	465	613	550
FOTB L 12	12	110	200	0,2-0,6	1,8-2,5	895	1185	465	613	700

L = Serie leggera / Light series

FOTB S

FORCHE

- Forca multi-uso a denti incrociati per la movimentazione di letame, ramaglie, rifiuti, etc.
- Multi-Purpose Fork with tines crossing each other for manure, branches, waste, hay, asf...
- Mehrzweckzange mit gekreuzten Zinken für Mist, Reisholz, Müll, Heu, usw...
- Fourche "Multi-Usages" à dents croisées pour reprise de fumier, branches, déchets, etc...
- Horca multiuso con dientes cruzados para estiércol, ramizas, desechos, heno, etc...



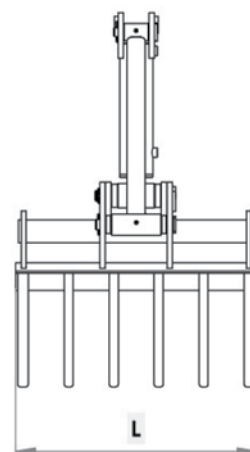
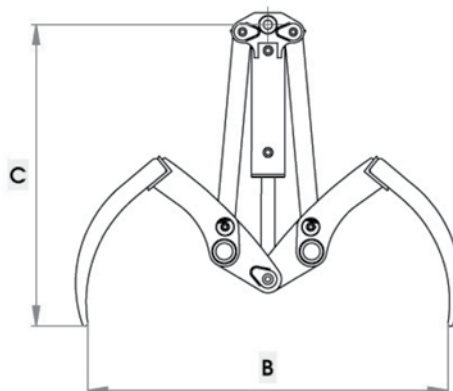
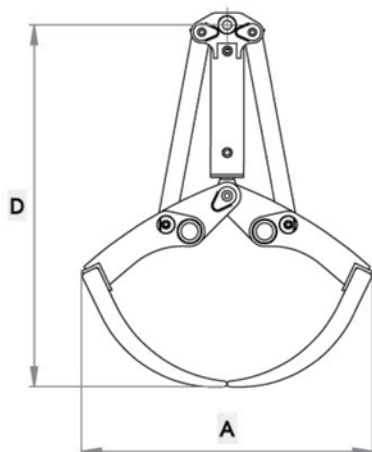
46

portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight

Modello Type	Denti Teeth	Peso Kg. Weight	Max Bar	Ton.	Ton.	A	B	C	D	E	L
FOTB S 7	7	285	200	1,0-1,8	5,0-8,0	1130	1600	765	1050	520	560
FOTB S 9	9	315	200	1,3-1,8	5,0-9,0	1130	1600	765	1050	520	725
FOTB S 11	11	345	200	1,5-2,0	6,0-9,0	1130	1600	765	1050	520	885
FOTB S 13	13	375	200	1,5-2,0	7,0-10	1130	1600	765	1050	520	1050
FOTB S 15	15	410	200	1,5-2,2	1,0-12	1130	1600	765	1050	520	1210

-  Forza per letame a cilindro verticale
-  Manure Fork with vertical cylinder
-  Mistgabel mit senkrechtem Zylinder
-  Fourche à fumier avec vérin vertical
-  Horca para estiercol con cilindro vertical



 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore 
excavator weight

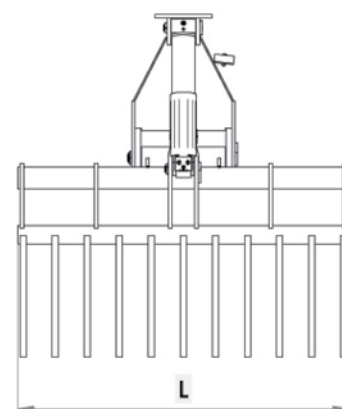
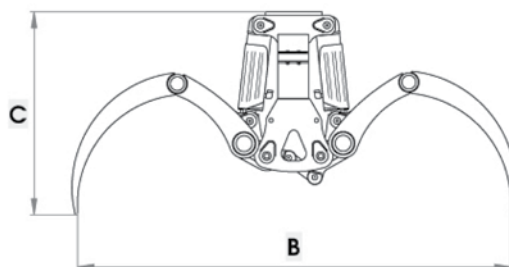
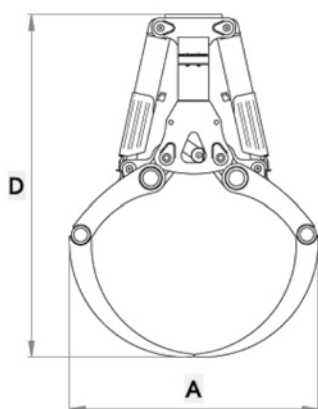
47

Modello Type	Denti Teeth	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
FVTB 6	6	140	250	0,2-0,4	2,0-3,0	1000	1200	1000	1200	400
FVTB 8	8	155	250	0,4-0,6	3,0-4,0	1000	1200	1000	1200	500
FVTB 10	10	170	250	0,4-0,9	3,0-7,0	1000	1200	1000	1200	650
FVTB 12	12	185	250	0,6-1,0	4,0-8,0	1000	1200	1000	1200	800
FVTB 14	14	200	250	0,8-1,5	5,0-9,0	1000	1200	1000	1200	950
FVTB 16	16	215	250	1,0-1,8	6,0-10	1000	1200	1000	1200	1100

FVTB2

FORCHE

- Forca per letame con due cilindri semiverticali
- Dung Fork with two vertical cylinders
- Mistgabel mit zwei senkrechten Zylindern
- Fourche à fumier avec deux vérins semi-verticaux
- Horca para paja con dos cilindros semiverticales



48



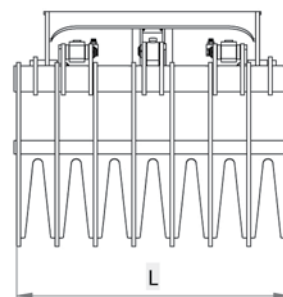
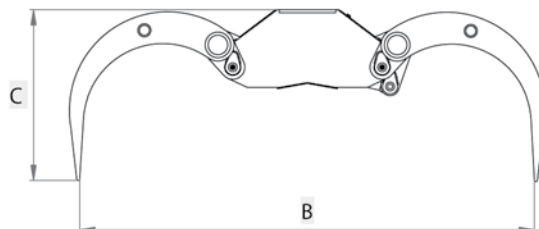
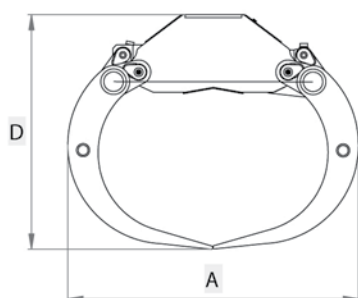
portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight



Modello Type	Denti Teeth	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
FVTB 20/2	20	450	250	1,5-2,0	8,0-12	1000	1700	820	1400	1200
FVTB 22/2	22	485	250	1,8-2,2	10-14	1000	1700	820	1400	1350
FVTB 24/2	24	520	250	1,8-2,4	12-15	1000	1700	820	1400	1500

- Forca per letame con due cilindri orizzontali
- Dung Fork with two horizontal cylinders
- Mistgabel mit zwei liegenden Zylindern
- Fourche à fumier avec deux vérins horizontaux
- Horca para paja con dos cilindros horizontales



 portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore 
excavator weight

49

Modello Type	Denti Teeth	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	L
FOTB 16/2	16	480	250	1,5-2,0	8,0-12	1162	1810	691	845	1100
FOTB 20/2	20	550	250	1,8-2,2	10-14	1162	1810	691	845	1400

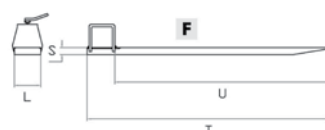
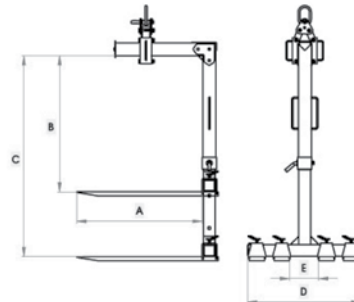
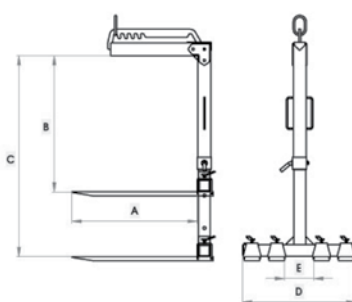
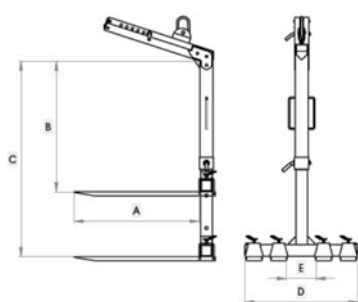
- Forca idraulica per pareti in cartongesso
- Wallboard Fork
- Wändegabel
- Fourche Relevante
- Horca hidráulica para paredes cartón piedra



FP A/AG

FP B/G

FP MB/M



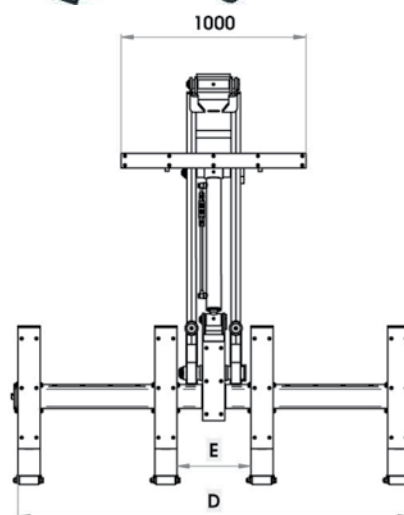
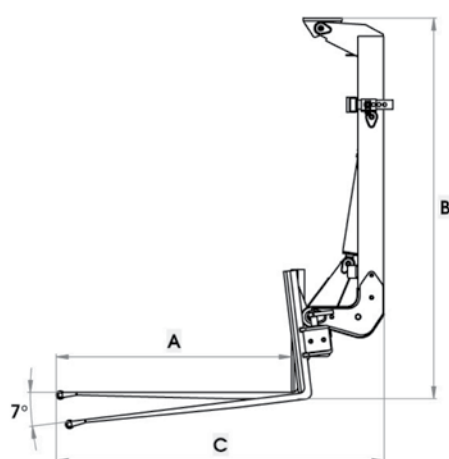
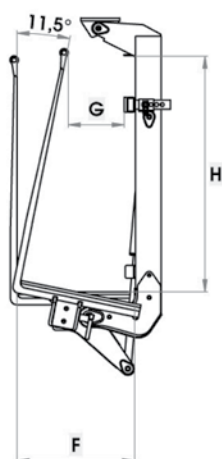
50

portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight

Modello Type	Portata Kg Load	Peso Kg. Weight	Ton.	Ton.	A	B	C	D	E	L	S	U	T
FP B 2000	2000	160	1,8-2,5	4,0-7,0	1150	1425	1700	950	270	130	35	1060	1200
FP B 3000	3000	215	2,0-3,0	5,0-8,0	1150	1425	1700	950	270	130	40	1060	1200
FP G 2000	2000	165	1,8-2,5	4,0-7,0	1610	1885	2160	950	270	130	35	1060	1200
FP G 3000	3000	225	2,0-3,0	5,0-8,0	1610	1885	2160	950	270	130	40	1060	1200
FP MB 2000	2000	165	1,8-2,5	4,0-7,0	1150	1425	1700	950	270	130	35	1060	1200
FP MB 3000	3000	220	2,0-3,0	5,0-8,0	1150	1425	1700	950	270	130	40	1060	1200
FP M 2000	2000	170	1,8-2,5	4,0-7,0	1610	1885	2160	950	270	130	35	1060	1200
FP M 3000	3000	230	2,0-3,0	5,0-8,0	1610	1885	2160	950	270	130	40	1060	1200
FP A 2000	2000	175	1,8-2,5	4,0-7,0	1105	1380	1655	950	270	130	35	1060	1200
FP AG 2000	2000	180	1,8-2,5	4,0-7,0	1640	1915	2190	950	270	130	35	1060	1200
FP A 3000	3000	230	2,0-3,0	5,0-8,0	1100	1373	1650	950	270	130	40	1060	1200

-  Forca Portapalette
-  Pallet Fork
-  Krangabel
-  Fourche Lève-Palettes
-  Portapallet



portata gru a braccio sfilato
lifting capacity at the end of boom

peso escavatore
excavator weight



51

Modello Type	Zanche Tines	Port. Kg. Load	Peso Kg. Weight	Max Bar	 Ton.	 Ton.	A	B	C	D	E	F	G	H
FPC46 1500S	4	1500	480	250	1,8-2,5	5,0-9,0	1200	1880	1720	2500	400	480	140	13
FPC46 2000	2	2000	380	250	2,0-3,0	5,0-9,0	1200	1880	1720	2160	400	480	140	13
FPC65 2000	2	2000	390	250	2,0-3,0	5,0-9,0	1200	2060	1720	2160	400	640	330	13



Hydraulic Rotators

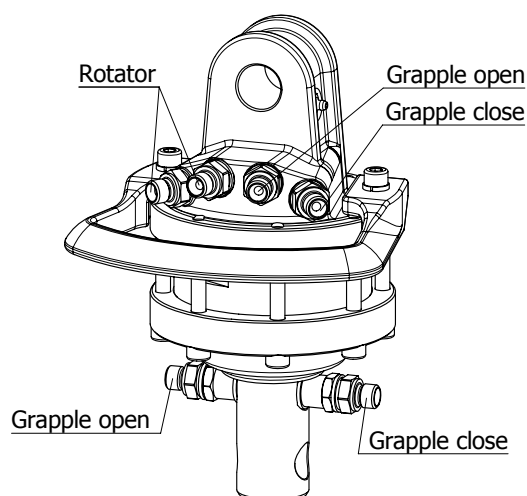
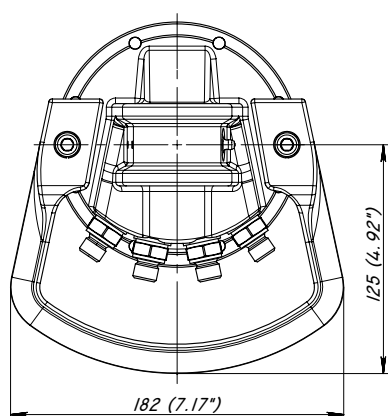
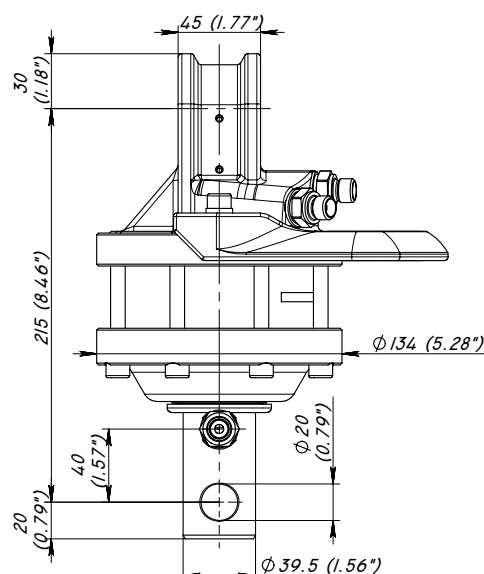
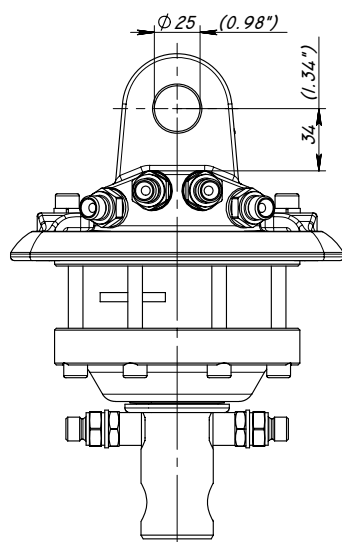
quality • reliability • innovation

MHS

HIDRAULIC

Rivenditore ufficiale **Baltrotors**
Official **Baltrotors** dealer

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	10 (2250)
Max axial load dynamic, KN (lbf)	5 (1125)
Torque at 25Mpa (3625psi), Nm (lb ft)	450 (330)
Rec oilflow, l/min (US gallon)	10 (2.6)
Weight, kg (lb)	10 (22)

Max working pressure:

Rotator	↔ R ↔	Max 25 MPa (3625 psi)
Grapple/Tool open	↔ G ↔	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

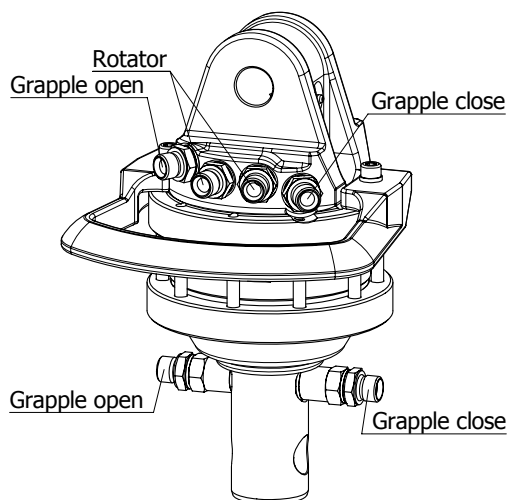
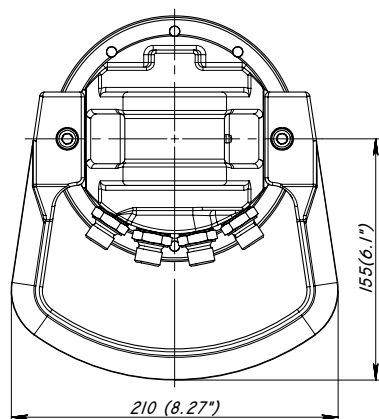
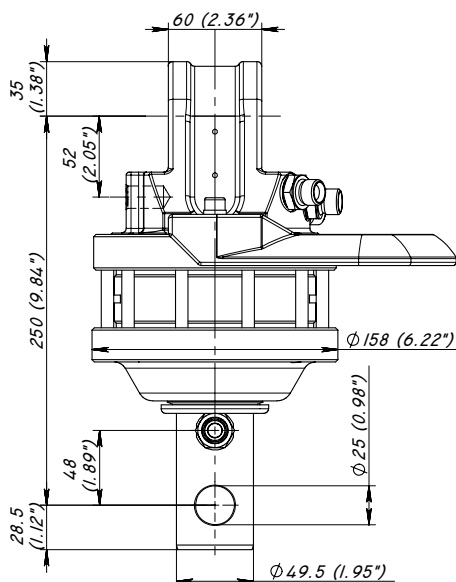
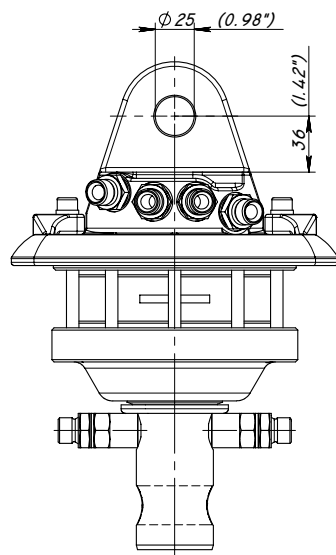
Connection:

G 1/4"
G 1/4"
G 1/4"

GR 30

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



54

TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	30 (6745)
Max axial load dynamic, KN (lbf)	15 (3372)
Torque at 25Mpa (3625psi), Nm (lb ft)	900 (644)
Rec oilflow, l/min (US gallon)	20 (5.3)
Weight, kg (lb)	18 (39)

Max working pressure:

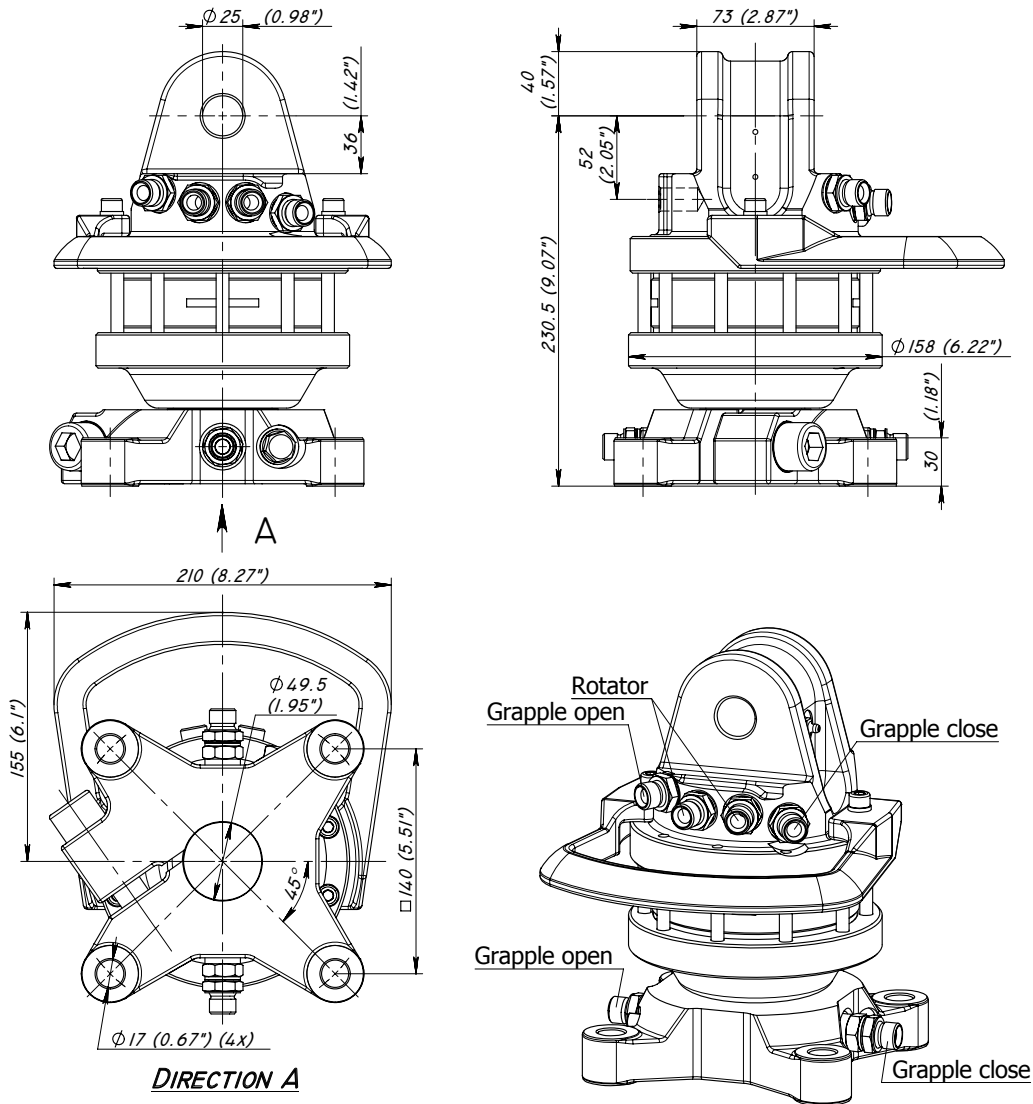
Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

G 3/8"
G 3/8"
G 3/8"



I dati possono essere variati senza preavviso. *Technical data can be revised without prior notice.*



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	30 (6745)
Max axial load dynamic, KN (lbf)	15 (3372)
Torque at 25Mpa (3625psi), Nm (lb ft)	900 (644)
Rec oilflow, l/min (US gallon)	20 (5.3)
Weight, kg (lb)	24 (53)

Max working pressure:

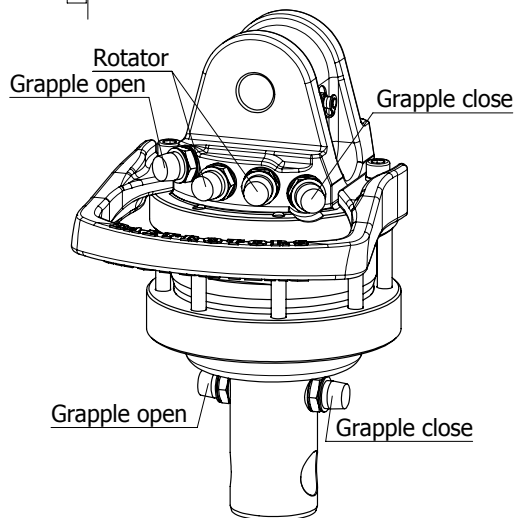
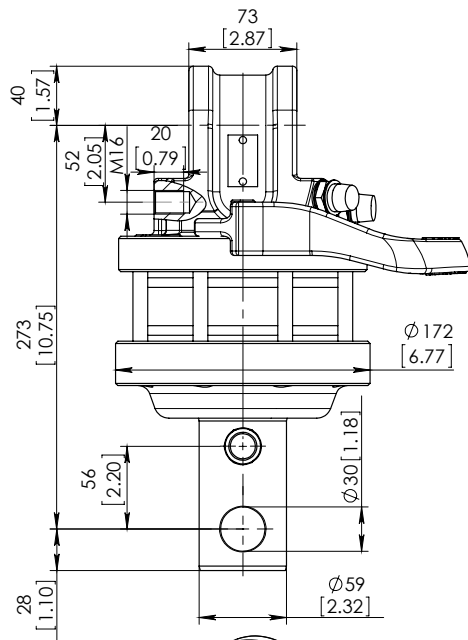
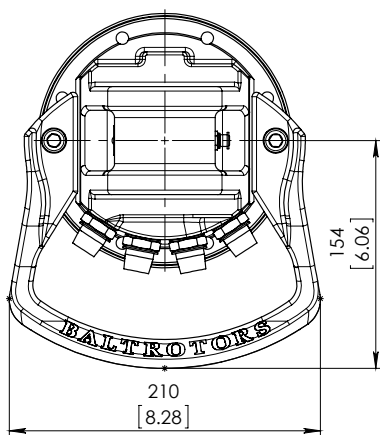
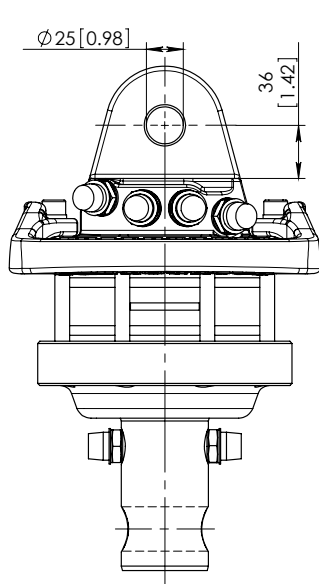
Rotator	↔ R ↔	Max 25 MPa (3625 psi)
Grapple/Tool open	↔ G ↔	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

G 3/8"
G 3/8"
G 3/8"

GR46(0-1)

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



Technical data

TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	45 (10118)
Max axial load dynamic, KN (lbf)	25 (5621)
Torque at 25Mpa (3625psi), Nm (lb ft)	1100 (811)
Rec oilflow, l/min (US gallon)	20 (5.3)
Weight, kg (lb)	25 (55)

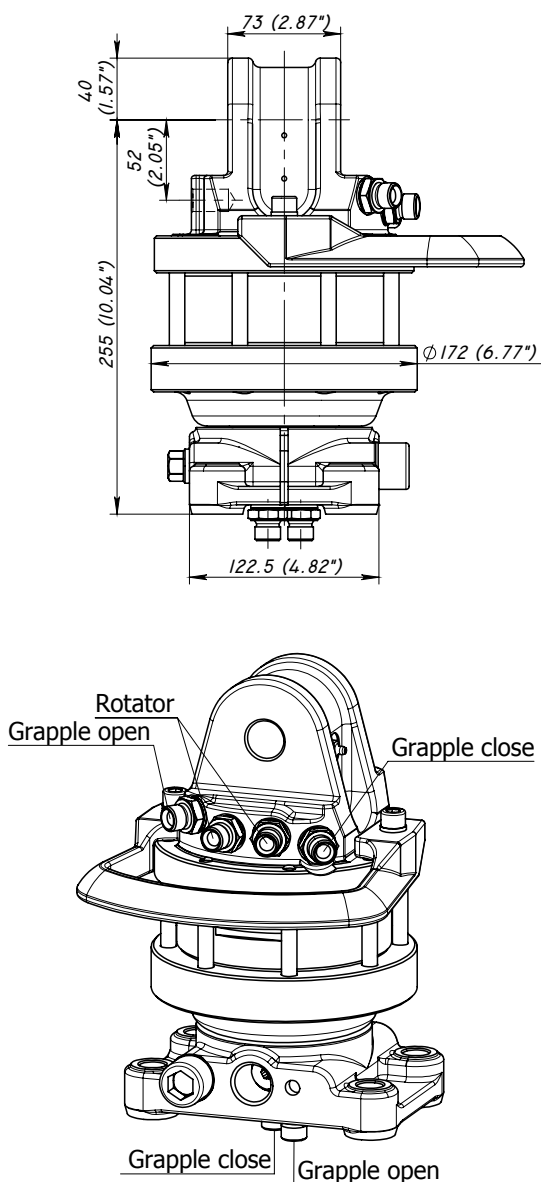
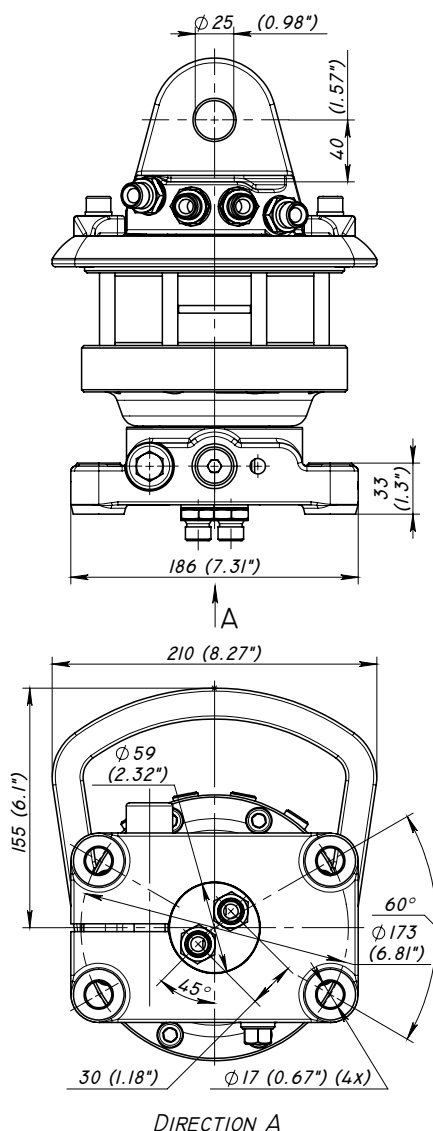
Max working pressure:

Rotator	↔ R ↔	Max 25 MPa (3625 psi)
Grapple/Tool open	↔ G ↔	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

G 3/8"
G 3/8"
G 3/8"

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	45 (10118)
Max axial load dynamic, KN (lbf)	25 (5621)
Torque at 25Mpa (3625psi), Nm (lb ft)	1200 (885)
Rec oilflow, l/min (US gallon)	20 (5.3)
Weight, kg (lb)	27 (60)

Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

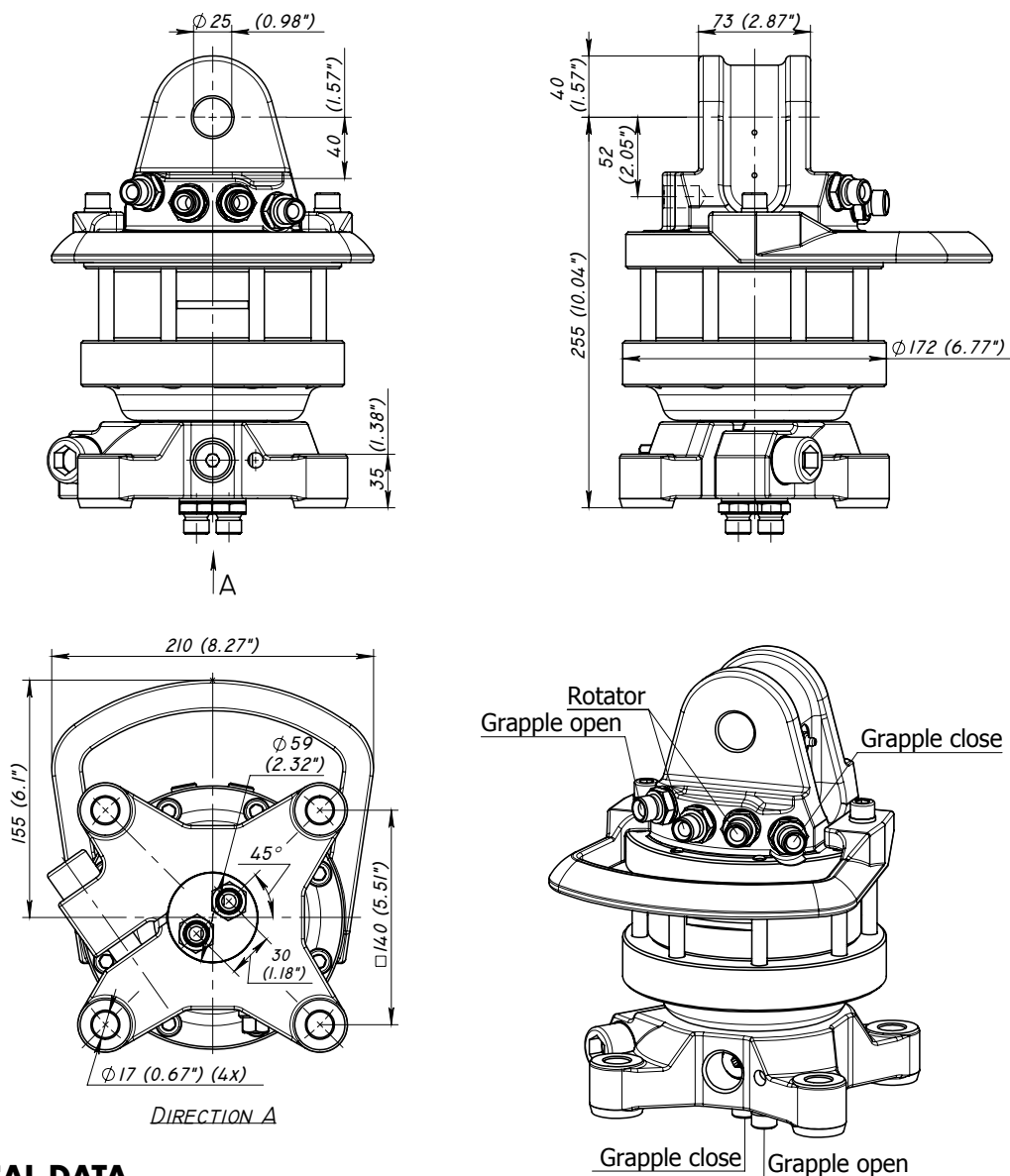
Connection:

G 3/8"
G 3/8"
G 3/8"

GR 465

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	45 (10118)
Max axial load dynamic, KN (lbf)	25 (5621)
Torque at 25Mpa (3625psi), Nm (lb ft)	1200 (885)
Rec oilflow, l/min (US gallon)	20 (5.3)
Weight, kg (lb)	27 (60)

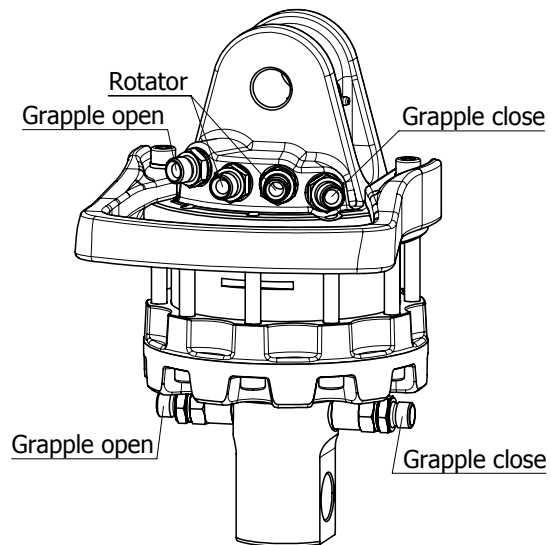
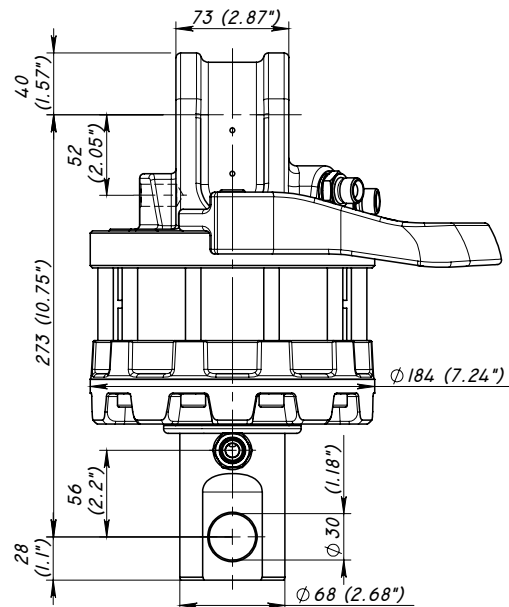
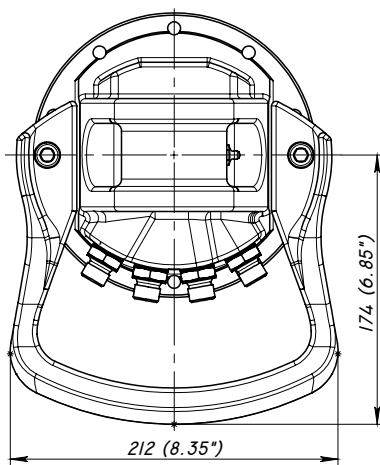
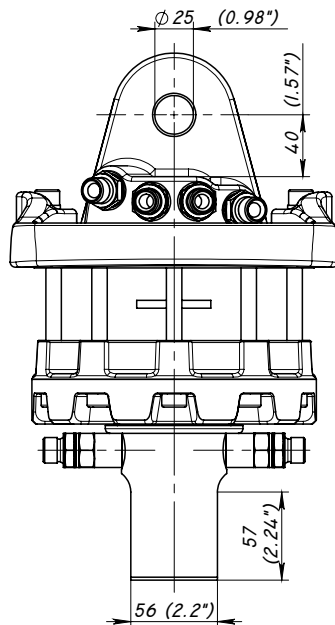
Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

G 3/8"
G 3/8"
G 3/8"

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	45 (10118)
Max axial load dynamic, KN (lbf)	25 (5621)
Torque at 25Mpa (3625psi), Nm (lb ft)	1400 (1033)
Rec oilflow, l/min (US gallon)	22 (5.8)
Weight, kg (lb)	29 (64)

Max working pressure:

Rotator	↔ R ↔	Max 25 MPa (3625 psi)
Grapple/Tool open	↔ G ↔	Max 20 MPa (2900 psi)
Grapple/Tool close	↔ G ↔	Max 30 MPa (4350 psi)

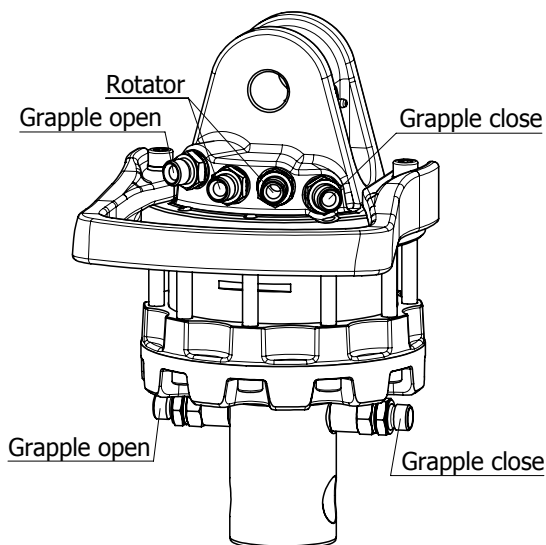
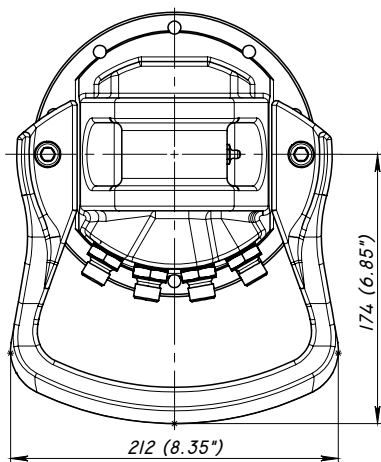
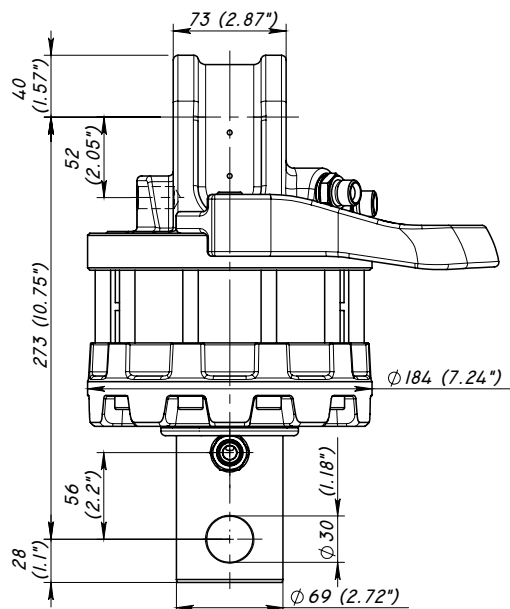
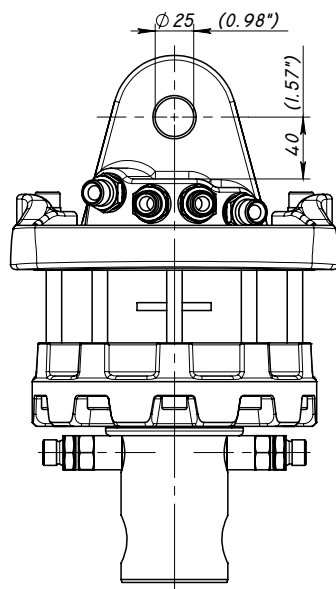
Connection:

G 3/8"
G 3/8"
G 3/8"

GR 46/69M

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	45 (10118)
Max axial load dynamic, KN (lbf)	25 (5621)
Torque at 25Mpa (3625psi), Nm (lb ft)	1400 (1033)
Rec oilflow, l/min (US gallon)	22 (5.8)
Weight, kg (lb)	29 (64)

Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

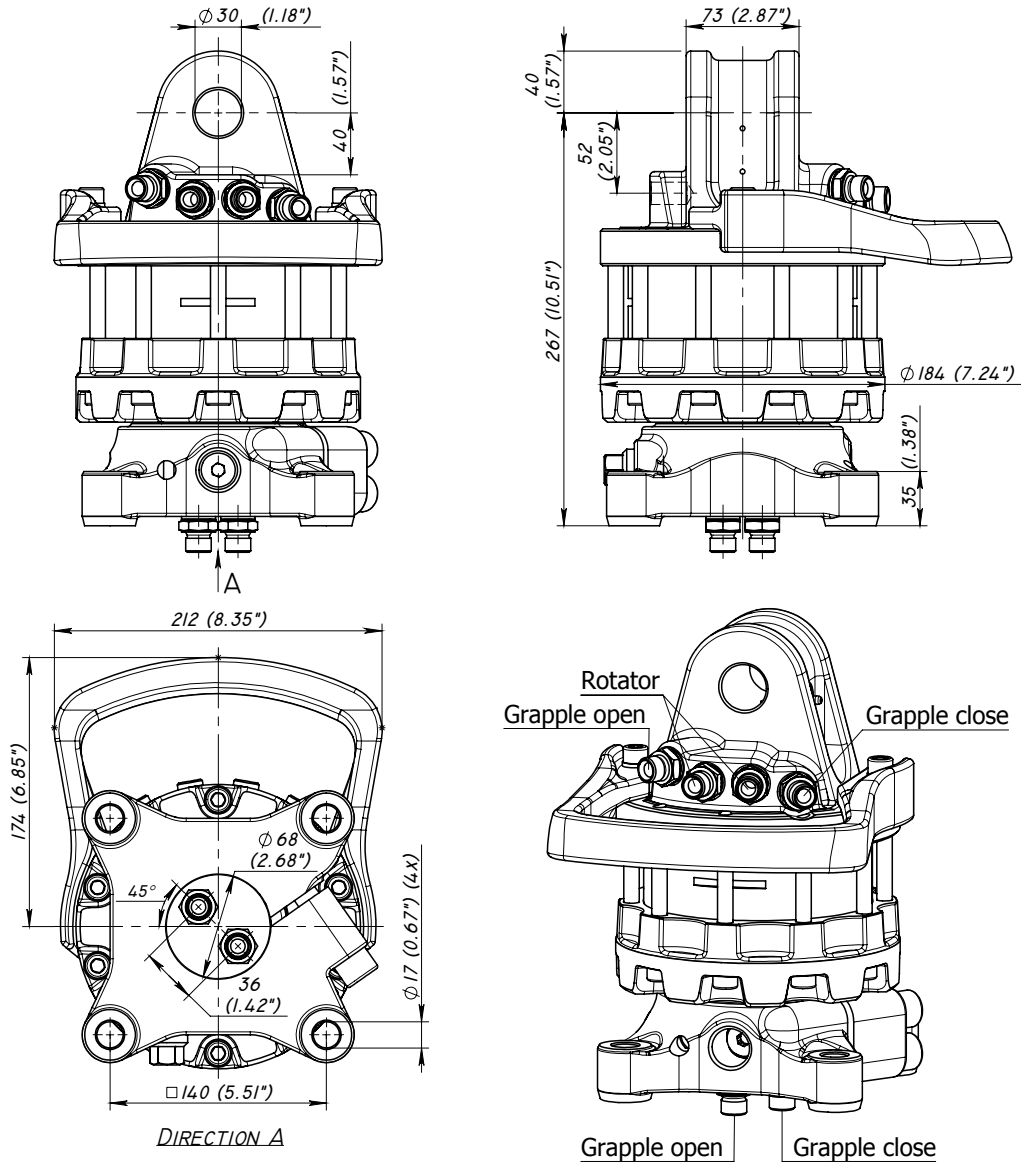
Connection:

G 3/8"
G 3/8"
G 3/8"

GR 465/68M

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	45 (10118)
Max axial load dynamic, KN (lbf)	25 (5621)
Torque at 25Mpa (3625psi), Nm (lb ft)	1400 (1033)
Rec oilflow, l/min (US gallon)	22 (5.8)
Weight, kg (lb)	35 (78)

Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

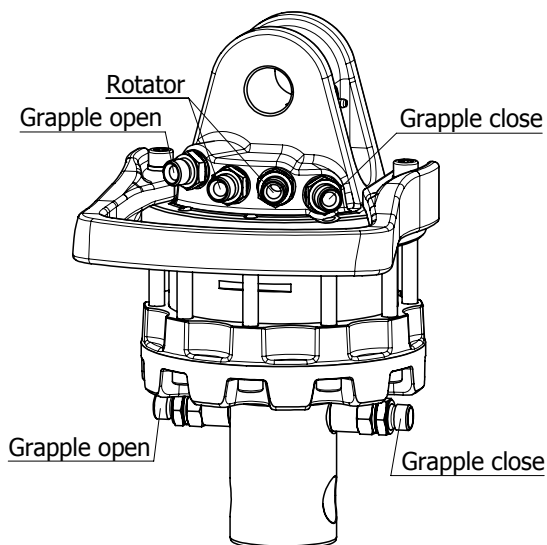
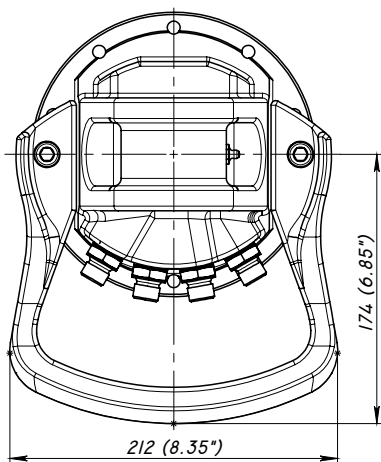
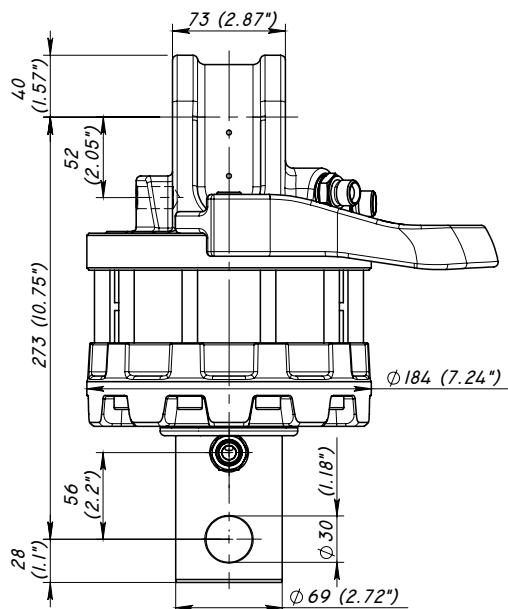
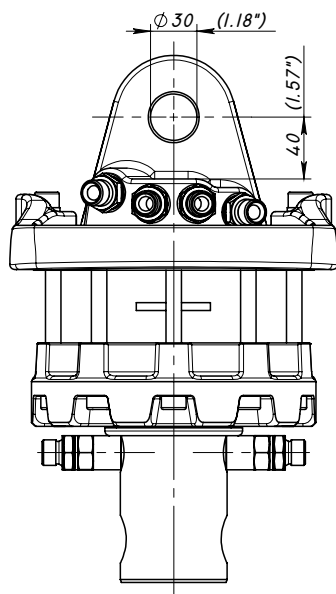
Connection:

G 3/8"
G 3/8"
G 3/8"

GR 55M

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	55 (12367)
Max axial load dynamic, KN (lbf)	25 (5621)
Torque at 25Mpa (3625psi), Nm (lb ft)	1400 (1033)
Rec oilflow, l/min (US gallon)	22 (5.8)
Weight, kg (lb)	29 (64)

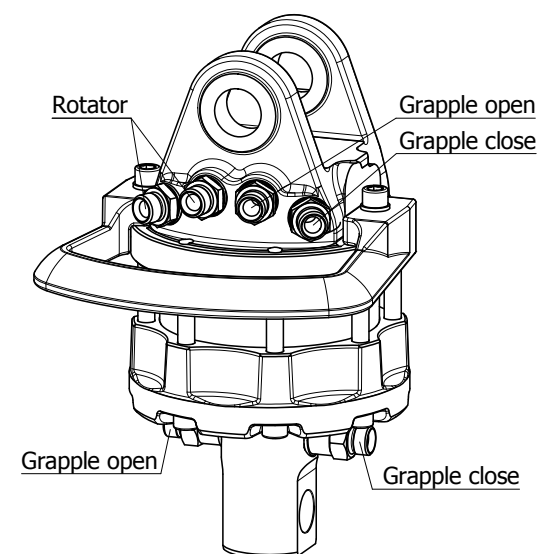
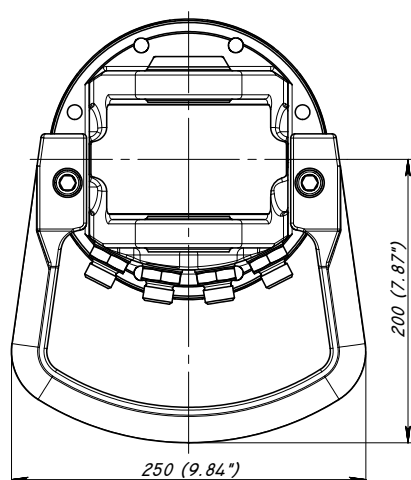
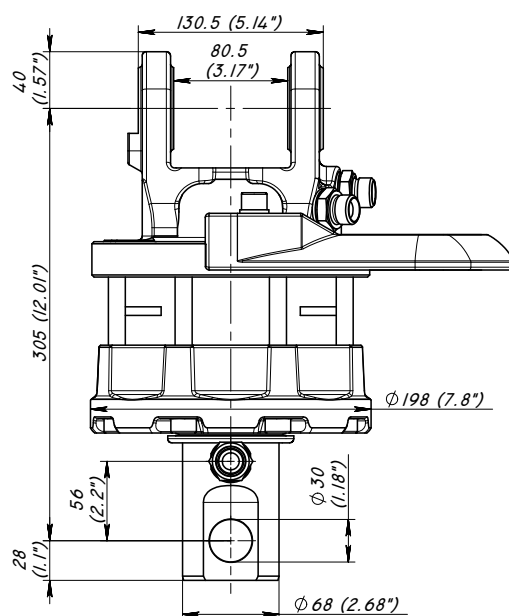
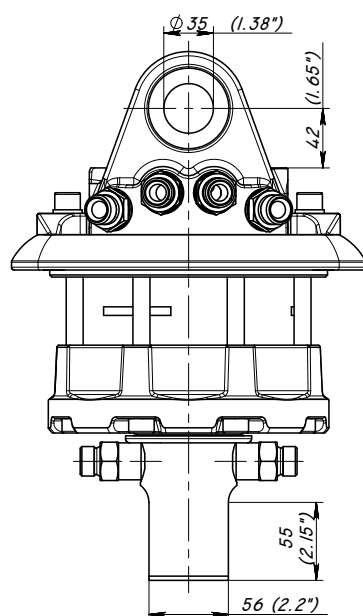
Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

G 3/8"
G 3/8"
G 3/8"

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	60 (13491)
Max axial load dynamic, KN (lbf)	30 (6745)
Torque at 25Mpa (3625psi), Nm (lb ft)	1900 (1401)
Rec oilflow, l/min (US gallon)	25 (6.6)
Weight, kg (lb)	36 (79)

Max working pressure:

Rotator	↔ R ↔	Max 25 MPa (3625 psi)
Grapple/Tool open	↔ G ↔	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

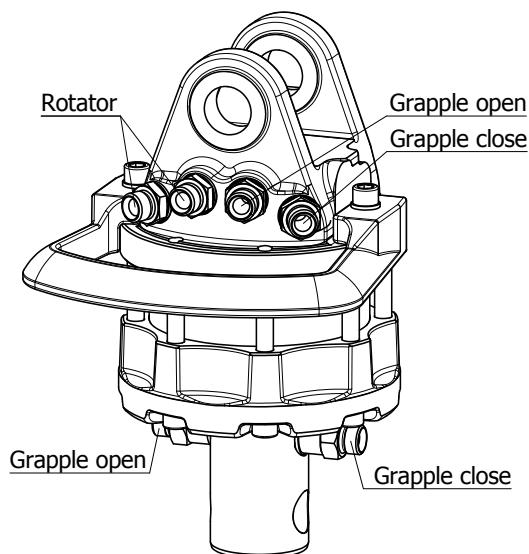
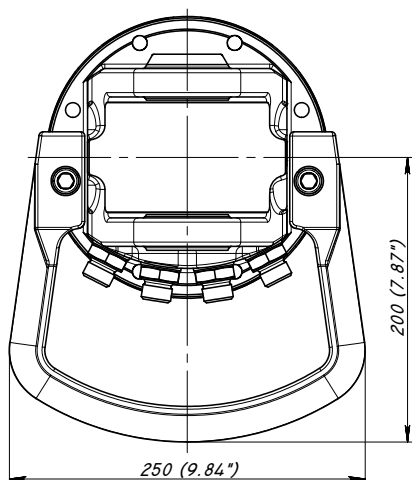
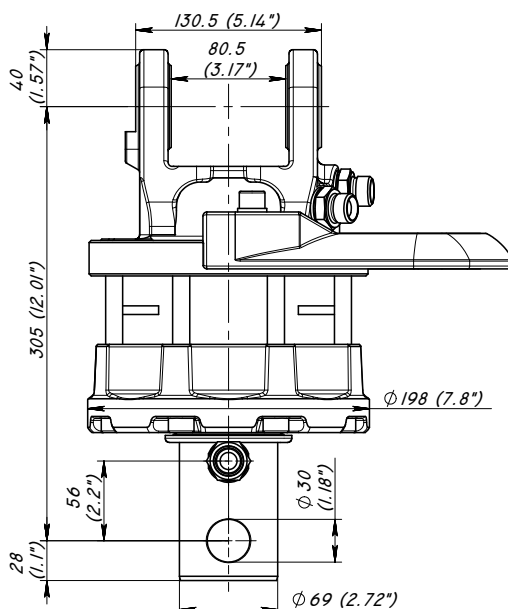
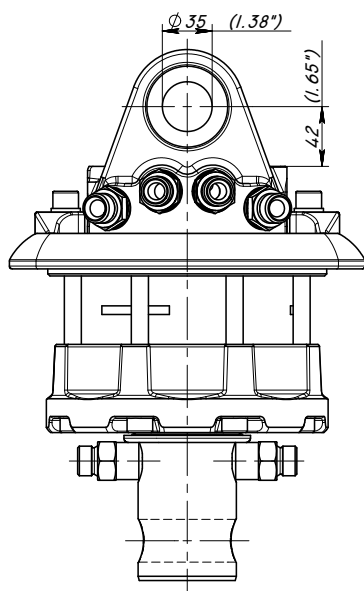
G 1/2"
G 1/2"
G 1/2"

* TWO SAFE GUARD OPTION AVAILABLE

GR 60/69*

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	60 (13491)
Max axial load dynamic, KN (lbf)	30 (6745)
Torque at 25Mpa (3625psi), Nm (lb ft)	1900 (1401)
Rec oilflow, l/min (US gallon)	25 (6.6)
Weight, kg (lb)	37 (81)

Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

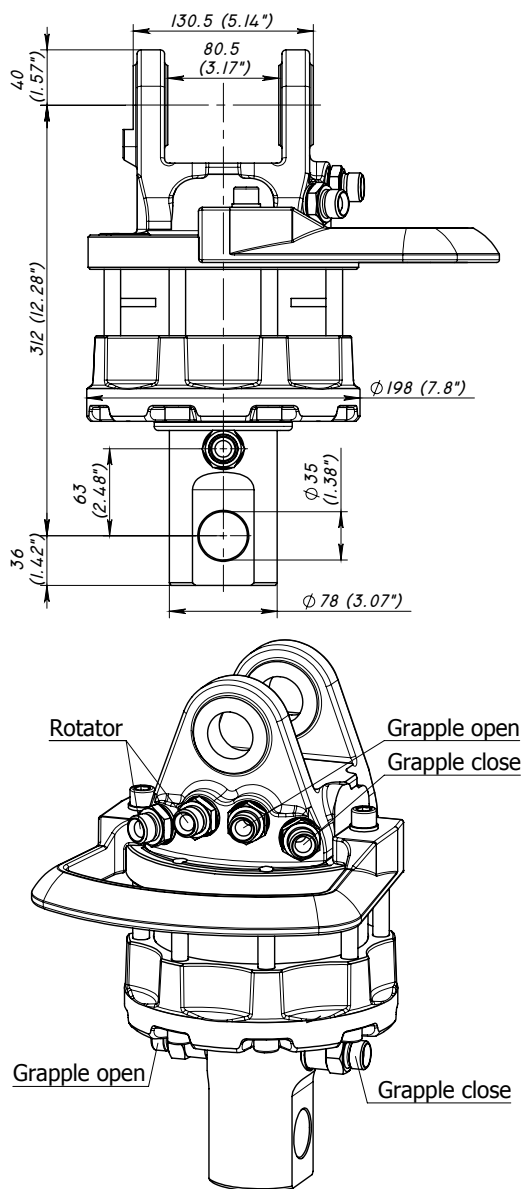
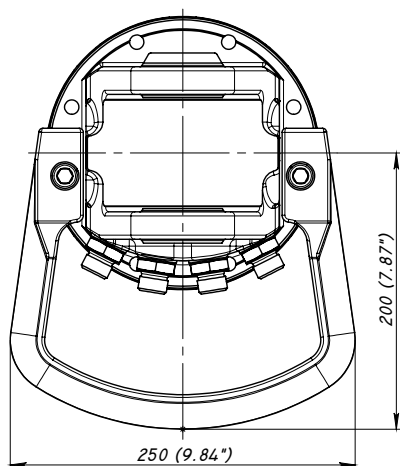
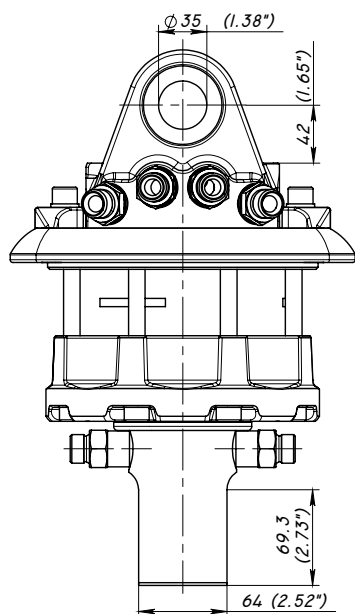
G 1/2"
G 1/2"
G 1/2"

* TWO SAFE GUARD OPTION AVAILABLE



I dati possono essere variati senza preavviso. Technical data can be revised without prior notice.

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	60 (13491)
Max axial load dynamic, KN (lbf)	30 (6745)
Torque at 25Mpa (3625psi), Nm (lb ft)	1900 (1401)
Rec oilflow, l/min (US gallon)	25 (6.6)
Weight, kg (lb)	38 (84)

Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

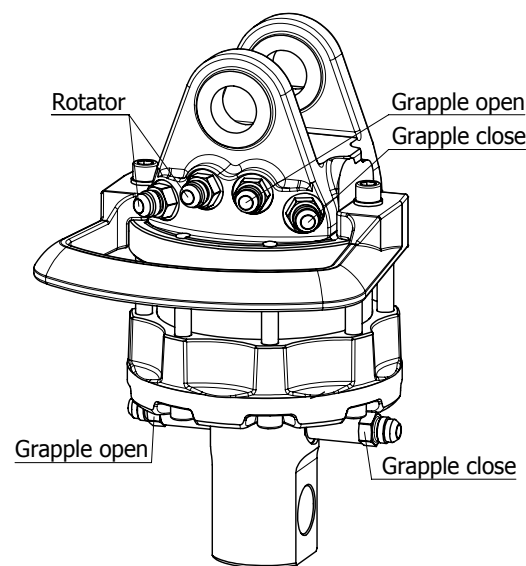
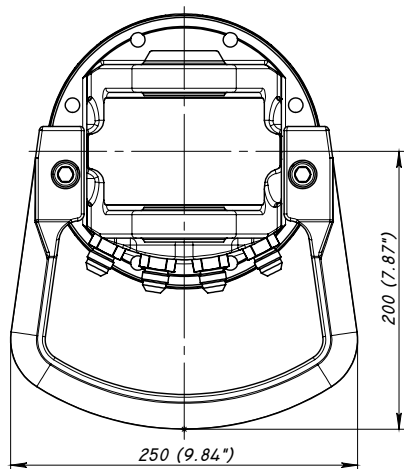
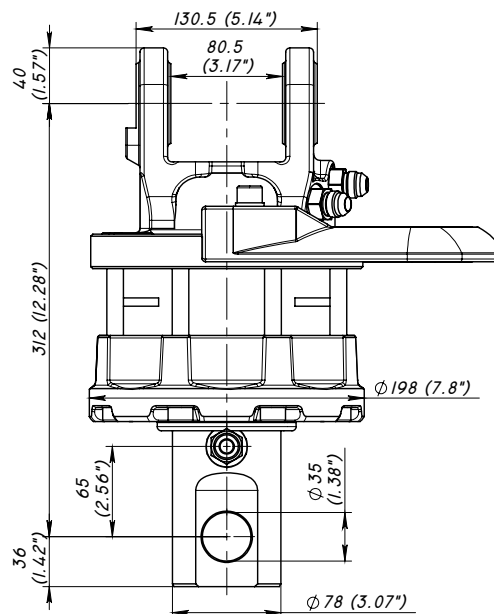
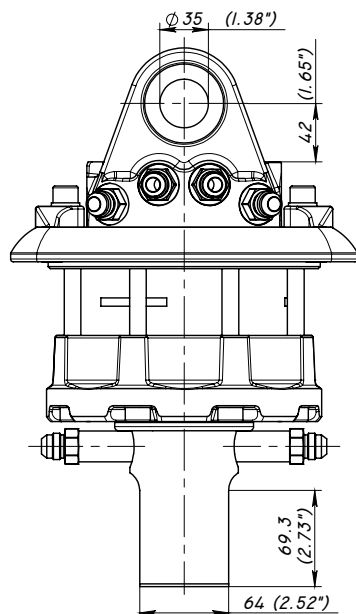
G 1/2"
G 1/2"
G 1/2"

* TWO SAFE GUARD OPTION AVAILABLE

GR 60/78DB*

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	60 (13491)
Max axial load dynamic, KN (lbf)	30 (6745)
Torque at 25Mpa (3625psi), Nm (lb ft)	1900 (1401)
Rec oilflow, l/min (US gallon)	25 (6.6)
Weight, kg (lb)	38 (84)

Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

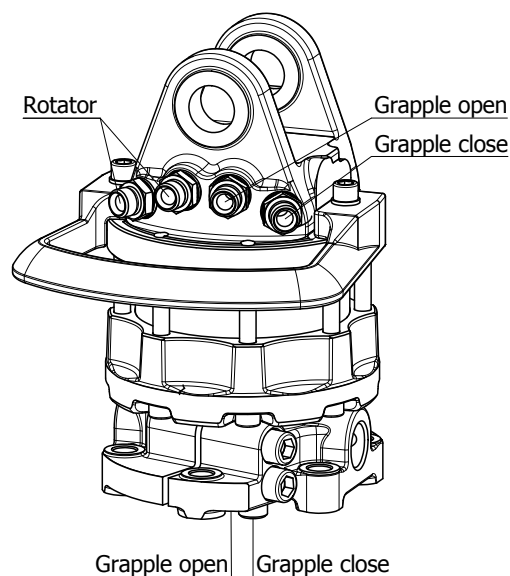
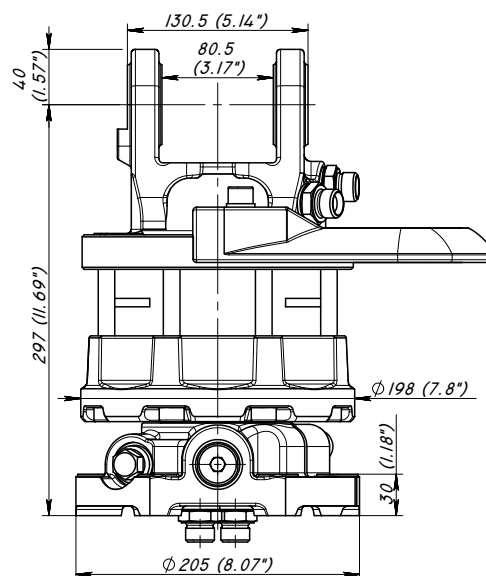
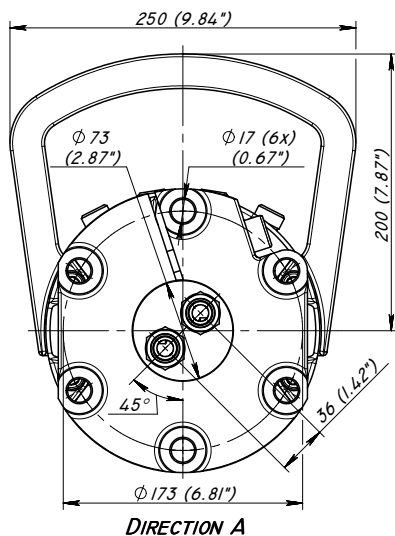
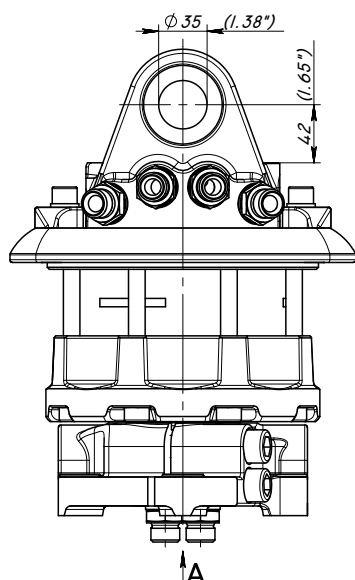
G 3/4"-16 UNF 2B (SAE 8)
G 3/4"-16 UNF 2B (SAE 8)
G 3/4"-16 UNF 2B (SAE 8)

* TWO SAFE GUARD OPTION AVAILABLE



I dati possono essere variati senza preavviso. Technical data can be revised without prior notice.

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	60 (13491)
Max axial load dynamic, KN (lbf)	30 (6745)
Torque at 25Mpa (3625psi), Nm (lb ft)	1900 (1401)
Rec oilflow, l/min (US gallon)	25 (6.6)
Weight, kg (lb)	43 (95)

Max working pressure:

Rotator	↔ R ↔	Max 25 MPa (3625 psi)
Grapple/Tool open	↔ G ↔	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

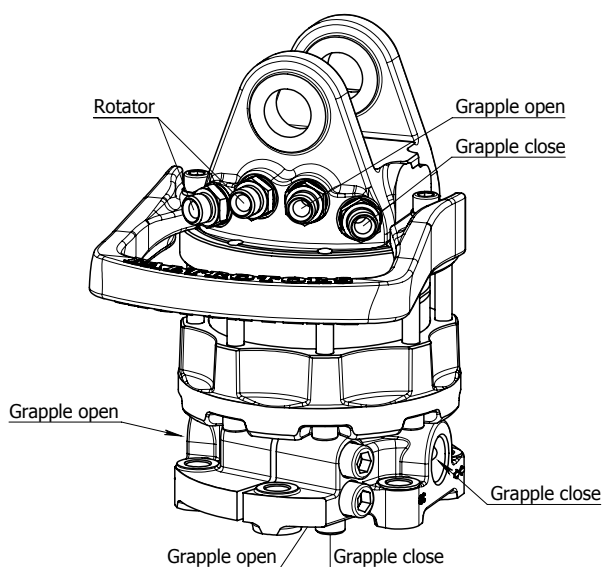
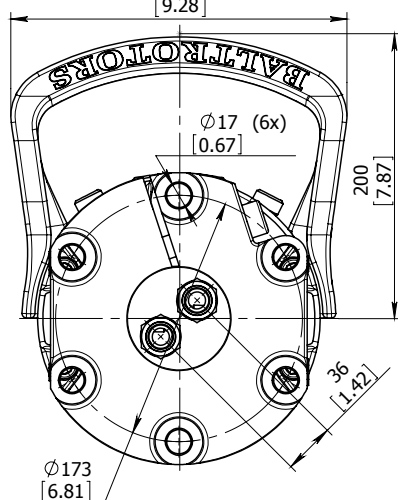
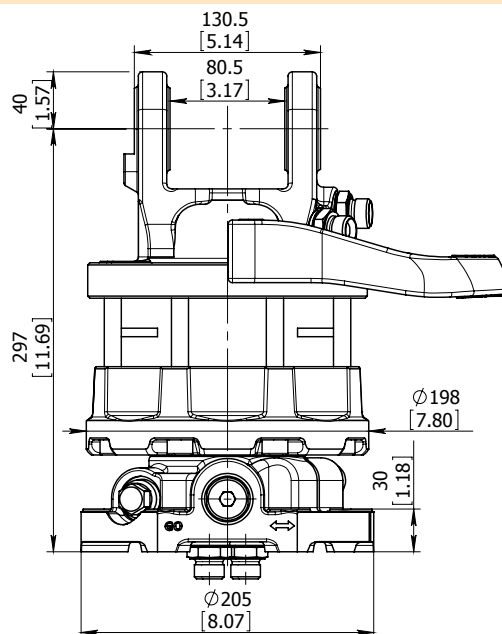
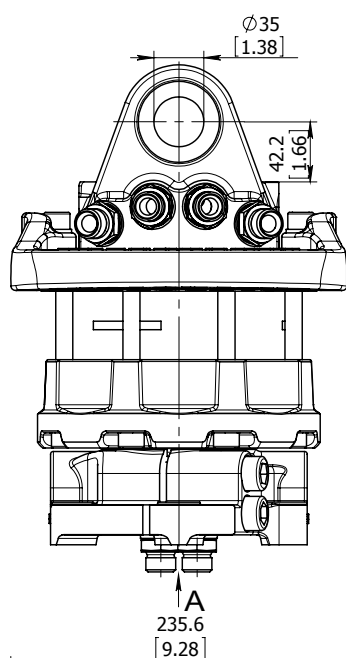
G 1/2"
G 1/2"
G 1/2"

* TWO SAFE GUARD OPTION AVAILABLE

GR 603DB

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited	
Max axial load static, KN (lbf)	+60 (13491)	-50 (11242)
Max axial load dynamic, KN (lbf)	+30 (6745)	-25 (5621)
Torque at 25Mpa (3625psi), Nm (lb ft)	1800 (1328)	
Rec oilflow, l/min (US gallon)	25 (6.6)	
Weight, kg (lb)	43 (95)	

Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

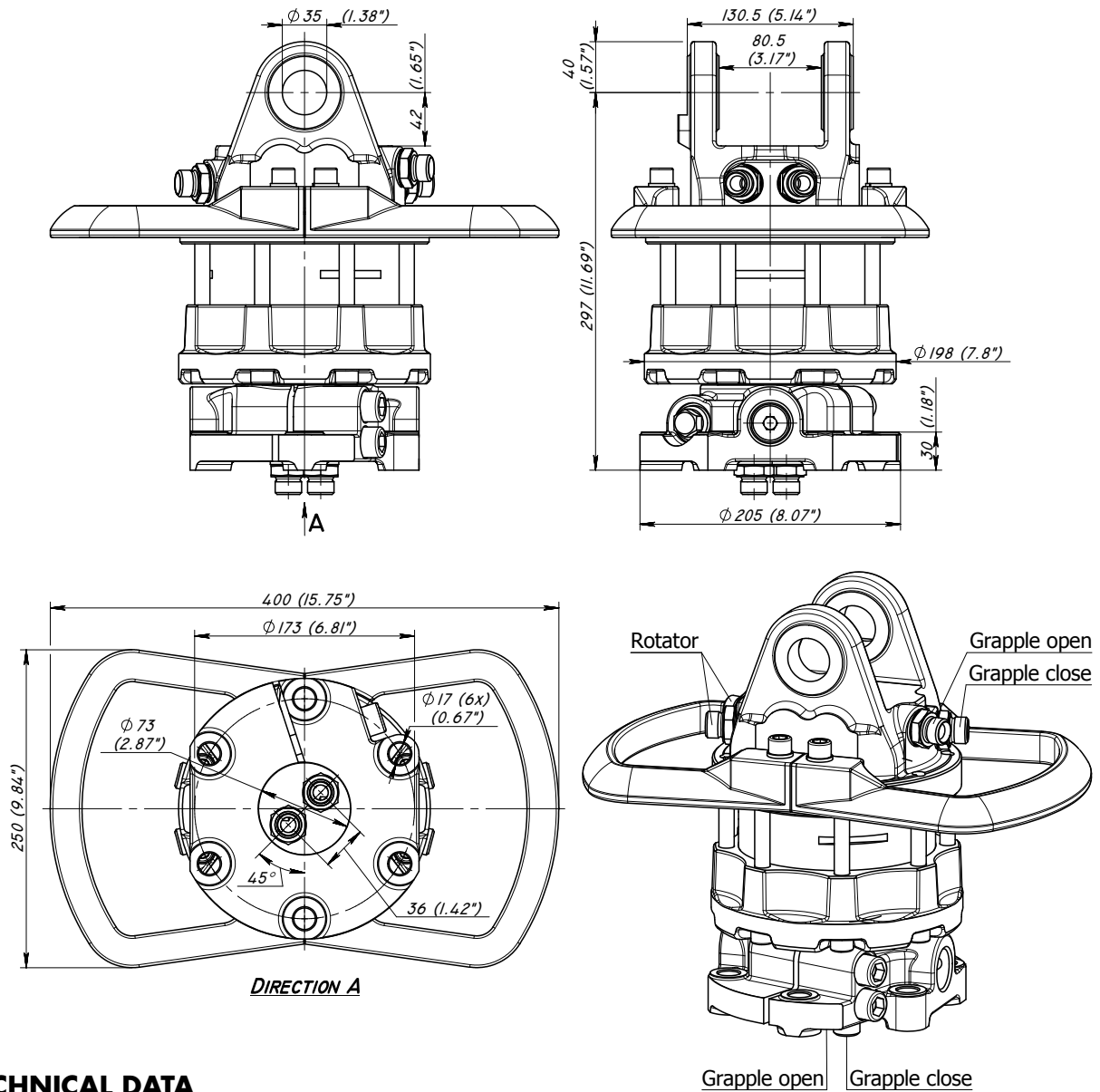
G 1/2"
G 1/2"
G 1/2"

* TWO SAFE GUARD OPTION AVAILABLE



I dati possono essere variati senza preavviso. Technical data can be revised without prior notice.

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	60 (13491)
Max axial load dynamic, KN (lbf)	30 (6745)
Torque at 25Mpa (3625psi), Nm (lb ft)	1900 (1401)
Rec oilflow, l/min (US gallon)	25 (6.6)
Weight, kg (lb)	45 (100)

Max working pressure:

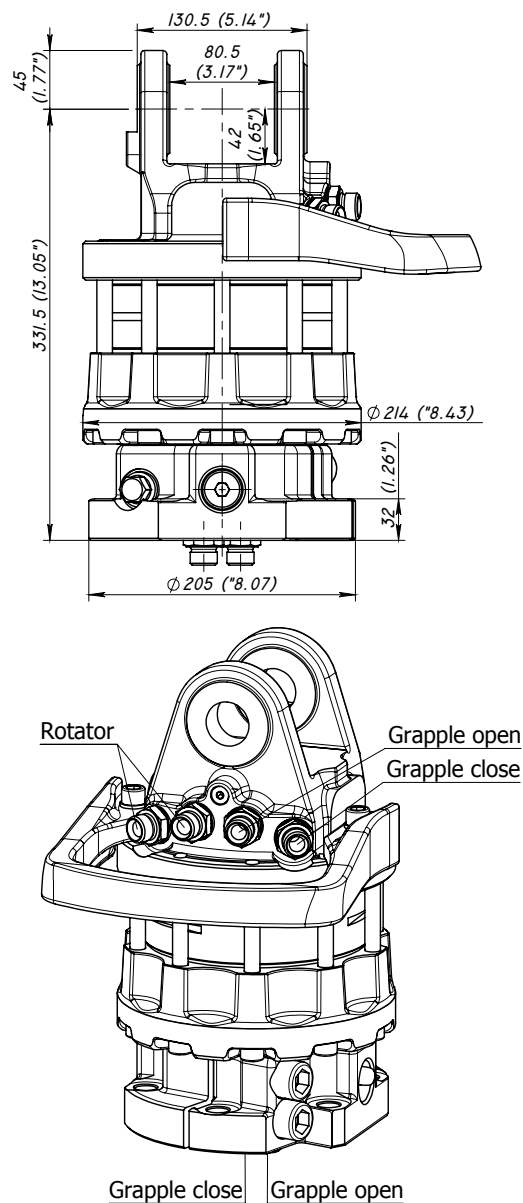
Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

G 1/2"
G 1/2"
G 1/2"

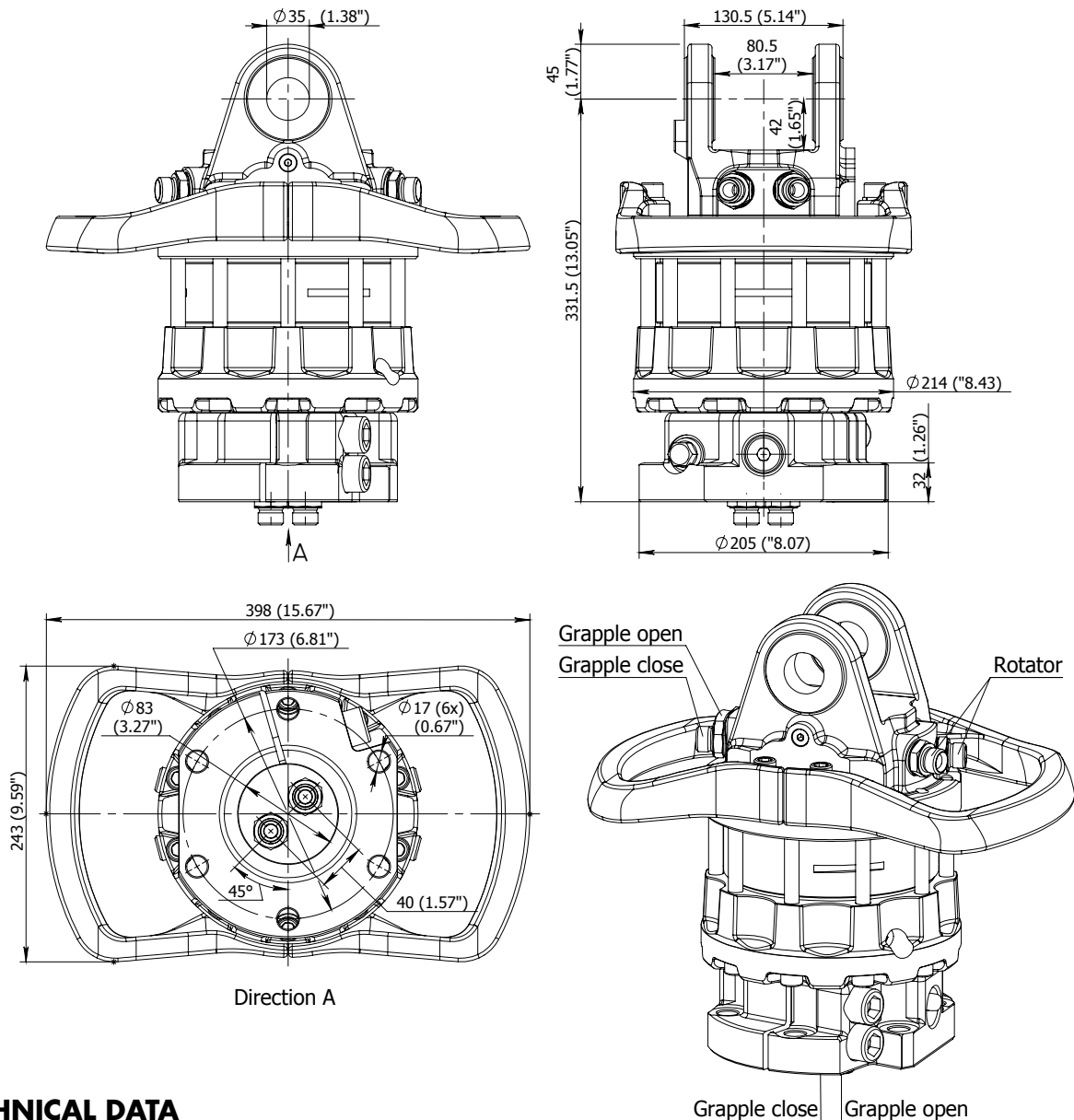
* TWO SAFE GUARD OPTION AVAILABLE

ROTATORI



G 1/2"

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	+100 (22485) -80 (17985)
Max axial load dynamic, KN (lbf)	+50 (11242) -40 (8992)
Torque at 25Mpa (3625psi), Nm (lb ft)	2700 (1991)
Rec oilflow, l/min (US gallon)	30 (7.9)
Weight, kg (lb)	62 (137)

Max working pressure:

Rotator	↔ R ↔	Max 25 MPa (3625 psi)
Grapple/Tool open	↔ G ↔	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

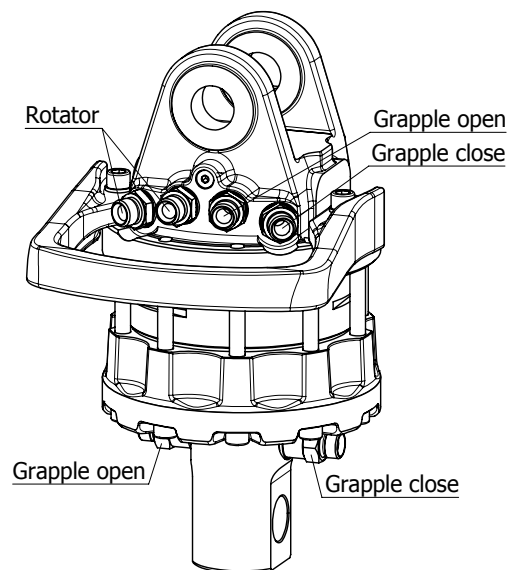
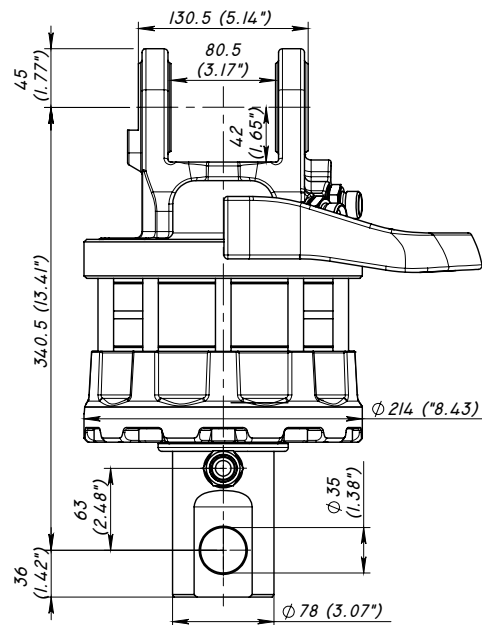
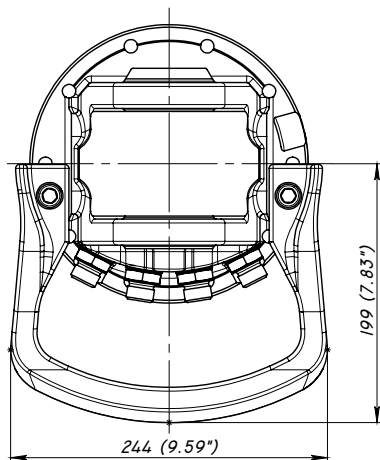
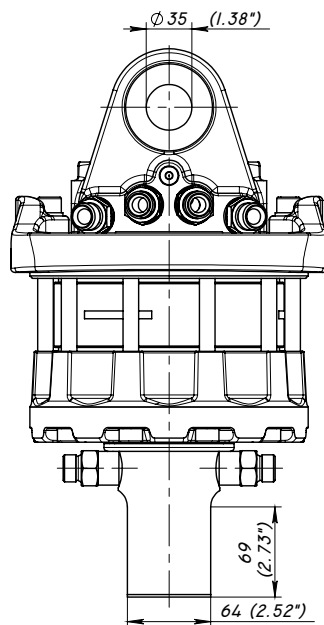
Connection:

G 1/2"
G 1/2"
G 1/2"

GR 110-1DB

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	100 (22485)
Max axial load dynamic, KN (lbf)	50 (11242)
Torque at 25Mpa (3625psi), Nm (lb ft)	2700 (1991)
Rec oilflow, l/min (US gallon)	30 (7.9)
Weight, kg (lb)	50 (111)

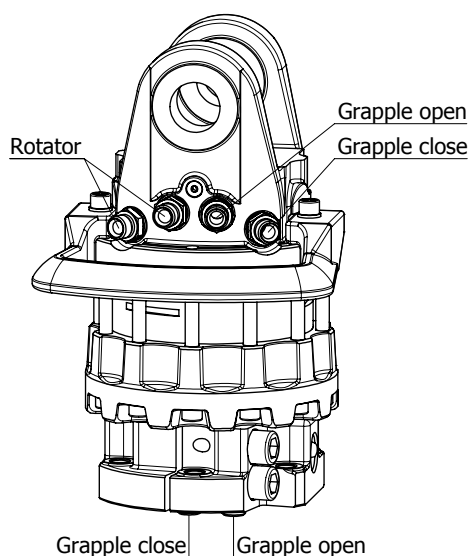
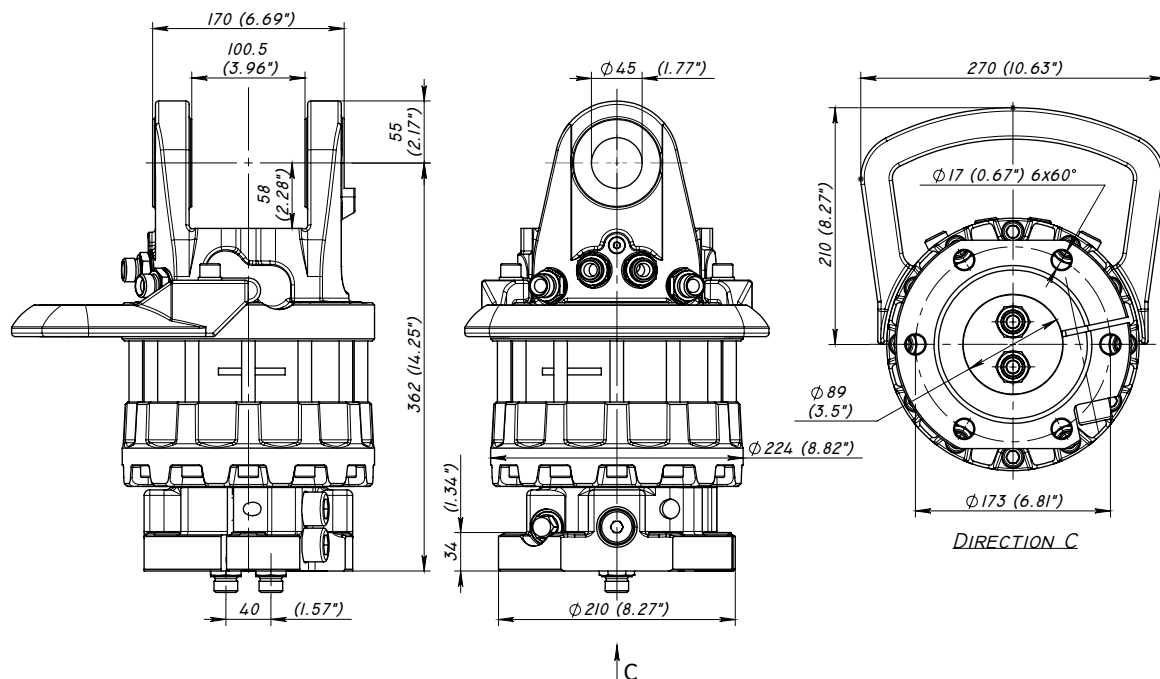
Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

G 1/2"
G 1/2"
G 1/2"

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	+120 (26982) -90 (20236)
Max axial load dynamic, KN (lbf)	+60 (13491) -45 (10118)
Torque at 25Mpa (3625psi), Nm (lb ft)	2900 (2139)
Rec oilflow, l/min (US gallon)	35 (9.25)
Weight, kg (lb)	70 (154)

Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

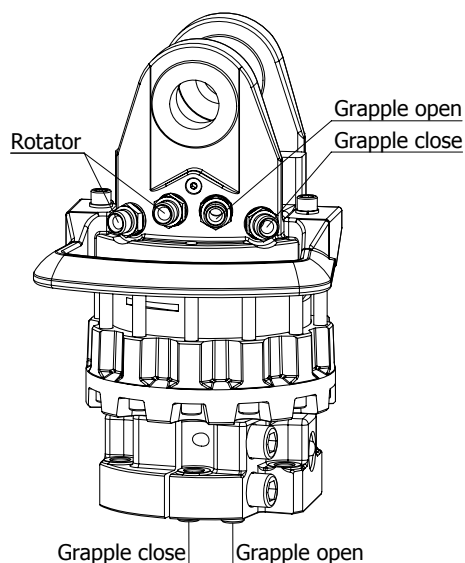
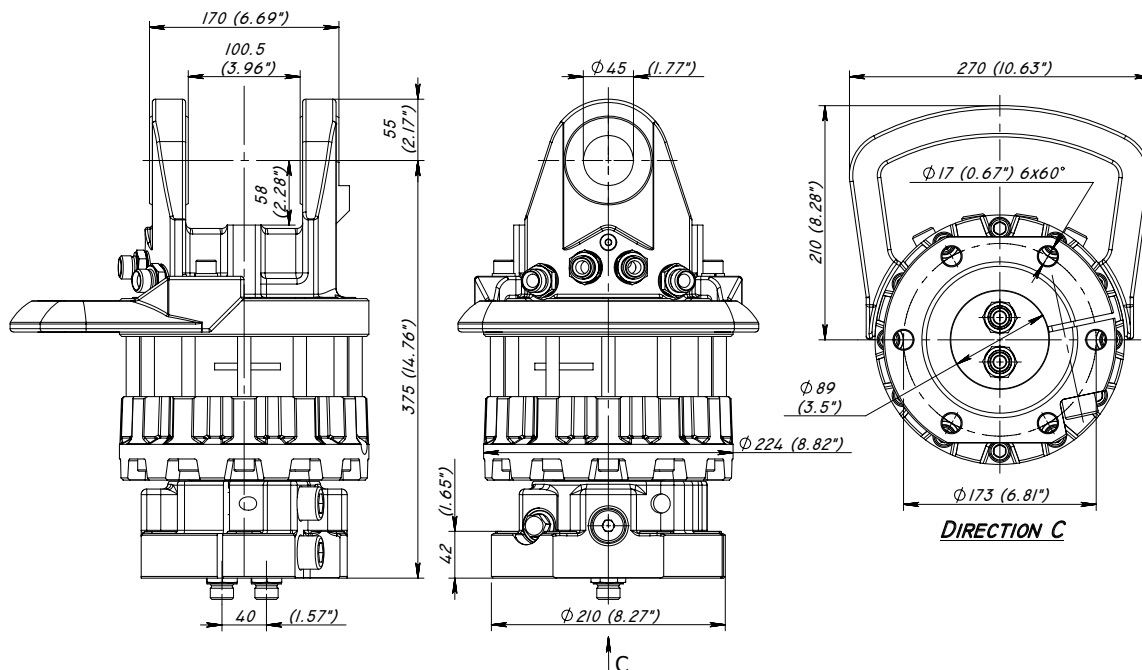
G 1/2"
G 1/2"
G 1/2"

* TWO SAFE GUARD OPTION AVAILABLE

GR 16S

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	+160 (35976) -90 (20236)
Max axial load dynamic, KN (lbf)	+80 (17988) -45 (10118)
Torque at 25Mpa (3625psi), Nm (lb ft)	3500 (2581)
Rec oilflow, l/min (US gallon)	40 (10.6)
Weight, kg (lb)	71 (157)

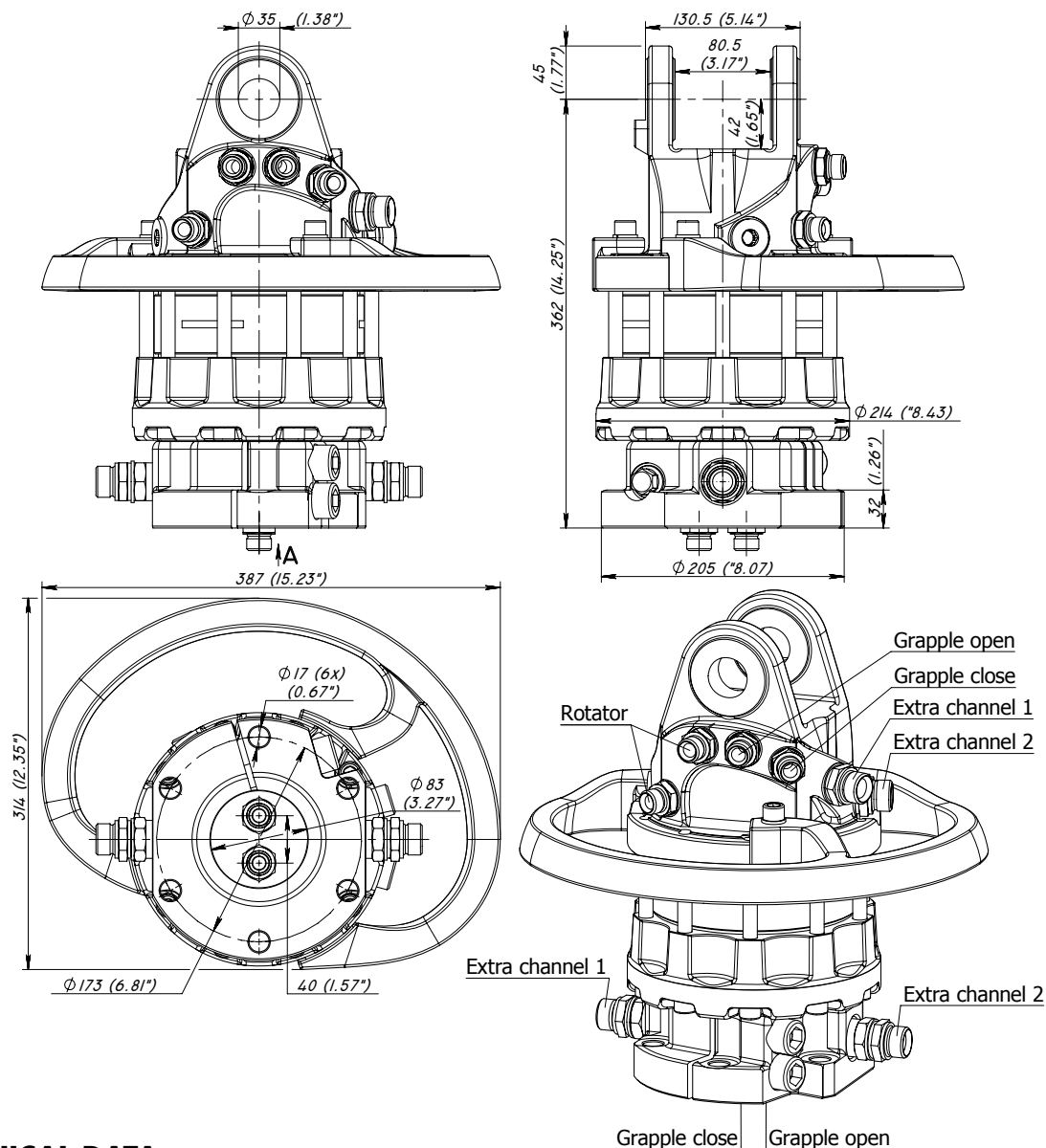
Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)

Connection:

G 1/2"
G 1/2"
G 1/2"

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	+100 (22485) -80 (17985)
Max axial load dynamic, KN (lbf)	+50 (11242) -40 (8992)
Torque at 25Mpa (3625psi), Nm (lb ft)	2700 (1991)
Rec oilflow, l/min (US gallon)	30 (7.9)
Weight, kg (lb)	64 (142)

Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)
Extra Oil Function	1 2	Max 30 MPa (4350 psi)

Connection:

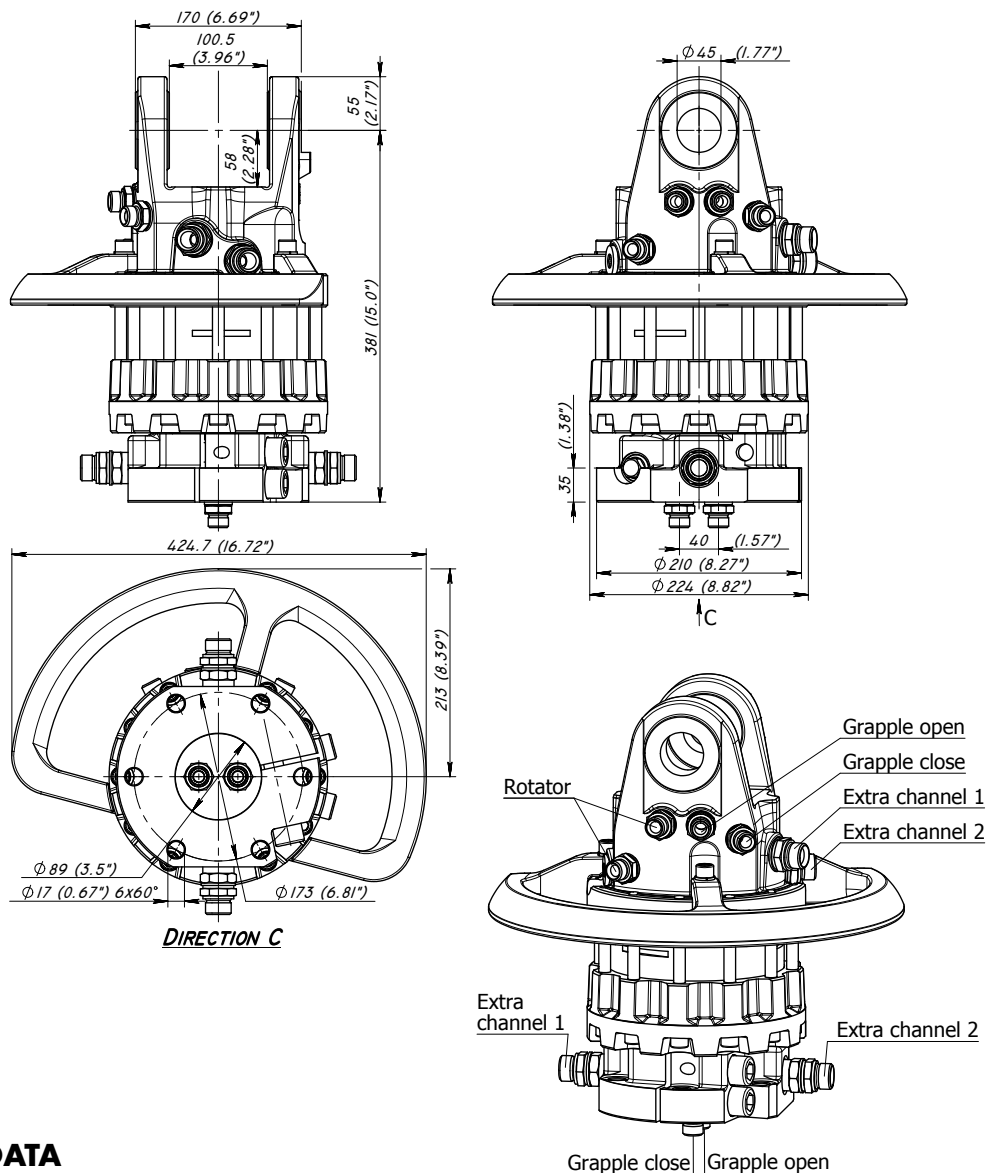
G 1/2"
G 1/2"
G 1/2"
G 3/4"

GRS 12S

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos

Specially designed for grapple saw



76

TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	+120 (26982) -90 (20236)
Max axial load dynamic, KN (lbf)	+60 (13491) -45 (10118)
Torque at 25Mpa (3625psi), Nm (lb ft)	2900 (2139)
Rec oilflow, l/min (US gallon)	35 (9.25)
Weight, kg (lb)	77 (171)

Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)
Extra Oil Function	1 2	Max 30 MPa (4350 psi)

Connection:

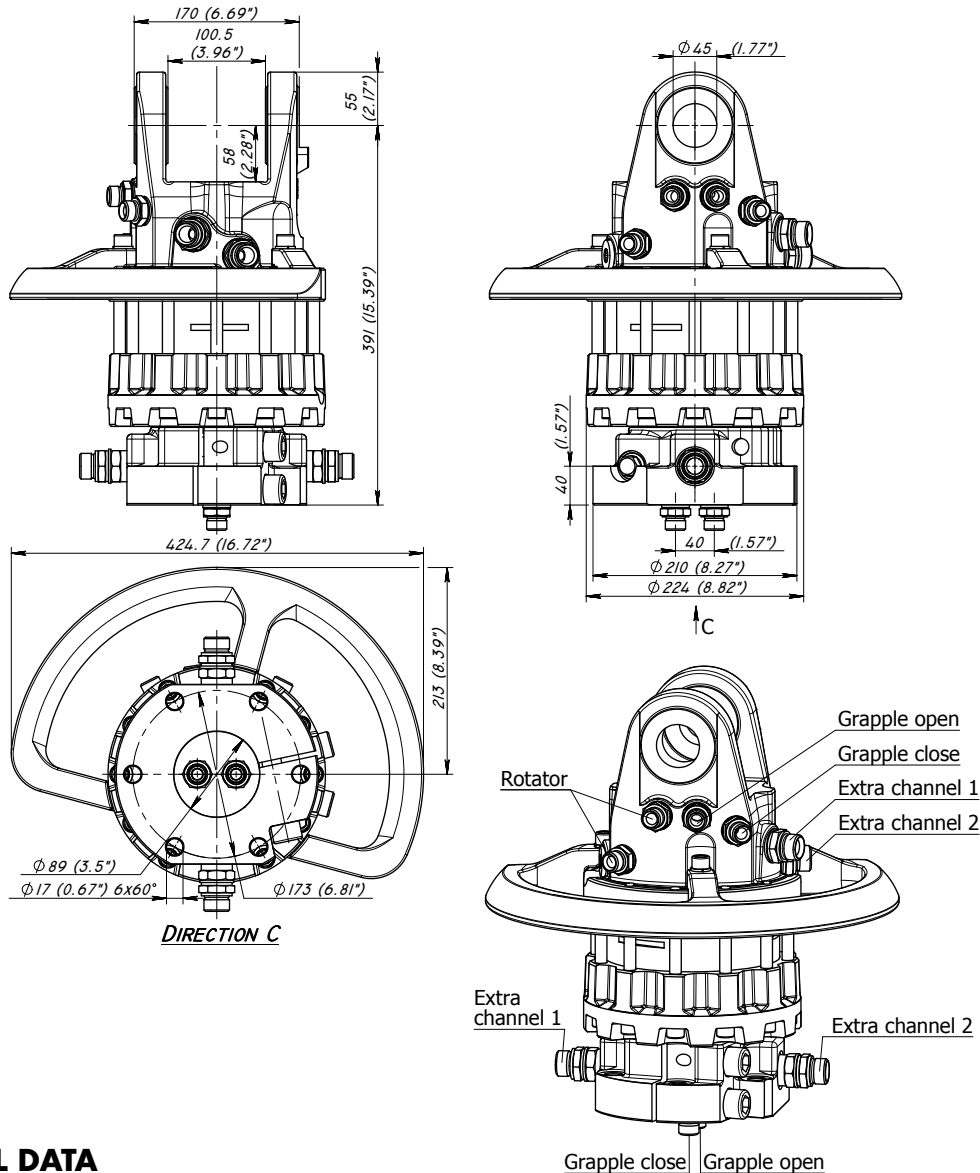
G 1/2"
G 1/2"
G 1/2"
G 3/4"



I dati possono essere variati senza preavviso. Technical data can be revised without prior notice.

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos

Specially designed for grapple saw



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	+160 (35976) -90 (20236)
Max axial load dynamic, KN (lbf)	+80 (17968) -45 (10118)
Torque at 25Mpa (3625psi), Nm (lb ft)	3500 (2581)
Rec oilflow, l/min (US gallon)	40 (10.6)
Weight, kg (lb)	79 (174)

Max working pressure:

Rotator	← R →	Max 25 MPa (3625 psi)
Grapple/Tool open	← G →	Max 20 MPa (2900 psi)
Grapple/Tool close	→ G ←	Max 30 MPa (4350 psi)
Extra Oil Function	1 2	Max 30 MPa (4350 psi)

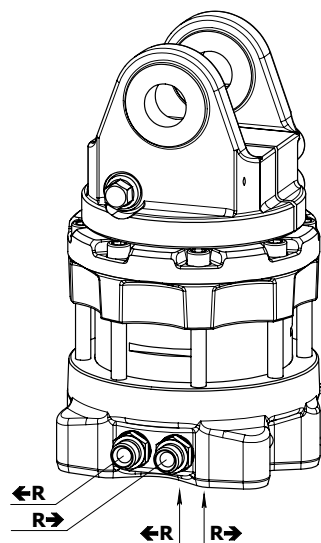
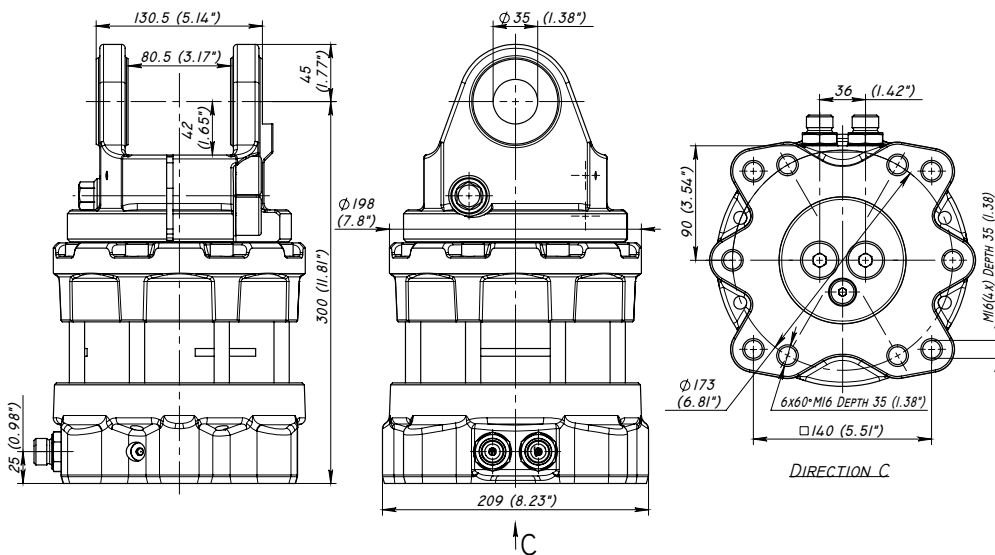
Connection:

G 1/2"
G 1/2"
G 1/2"
G 3/4"

ROTATORI



Specially designed for the Harvester heads



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	+60 (13491) -45 (10118)
Max axial load dynamic, KN (lbf)	+30 (6745) -25 (5621)
Torque at 25Mpa (3625psi), Nm (lb ft)	1900 (1401)
Rec oilflow, l/min (US gallon)	25 (6.6)
Weight, kg (lb)	46 (101)

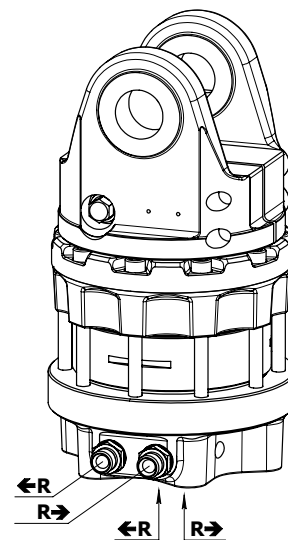
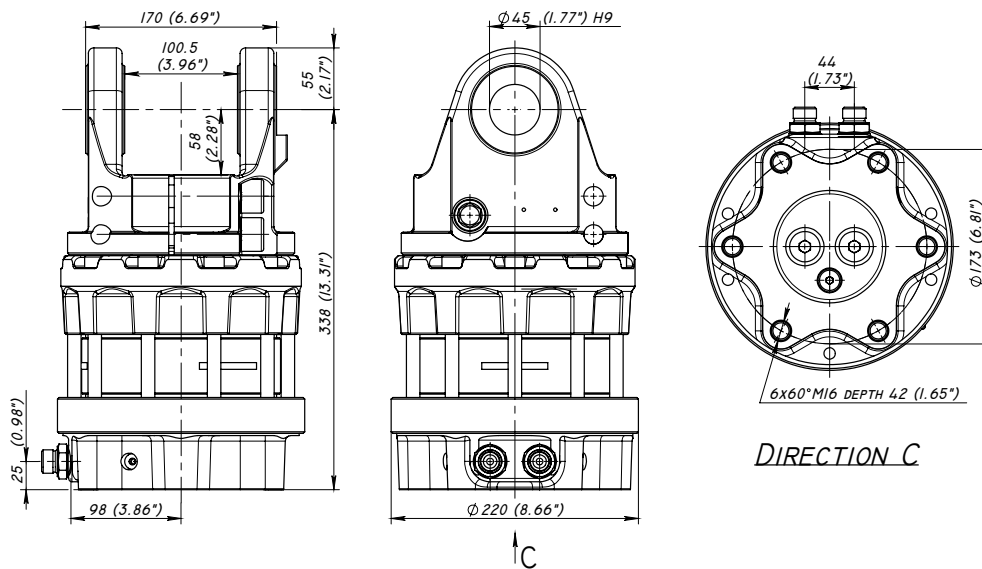
Max working pressure:

Connection:

Rotator	← R →	Max 25 MPa (3625 psi)	G 1/2"
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-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos

Specially designed for the Harvester heads



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	+100 (22485) -90 (20236)
Max axial load dynamic, KN (lbf)	+50 (11242) -45 (10118)
Torque at 25Mpa (3625psi), Nm (lb ft)	2700 (1991)
Rec oilflow, l/min (US gallon)	30 (7.9)
Weight, kg (lb)	64 (140)

Max working pressure:

Rotator $\leftarrow R \rightarrow$ Max 25 MPa (3625 psi)

Connection:

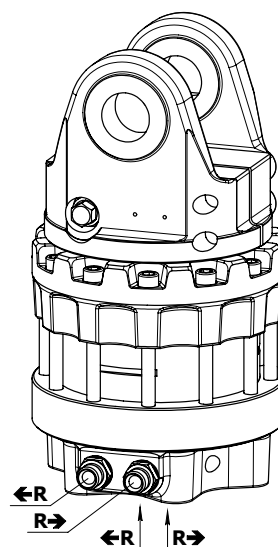
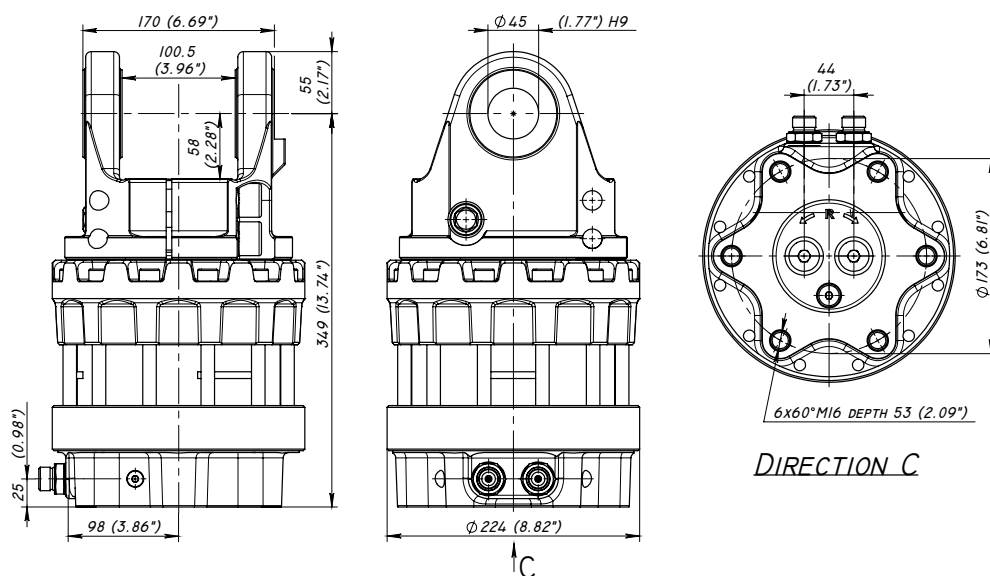
G 1/2"

HR 12SM

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos

Specially designed for the Harvester heads



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	+120 (26982) -100 (22485)
Max axial load dynamic, KN (lbf)	+60 (13491) -50 (11242)
Torque at 25Mpa (3625psi), Nm (lb ft)	2900 (2139)
Rec oilflow, l/min (US gallon)	35 (9.25)
Weight, kg (lb)	69 (152)

Max working pressure:

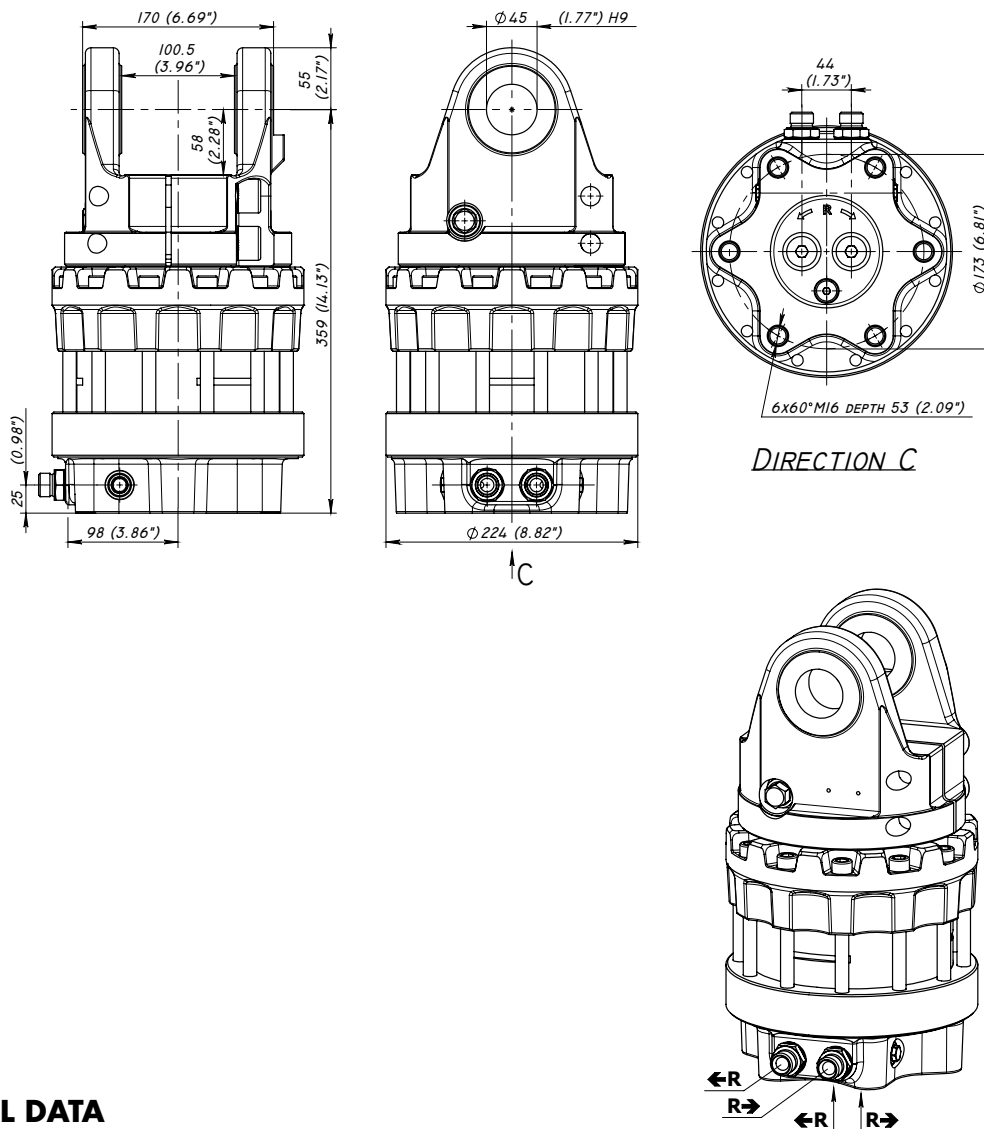
Rotator $\leftarrow R \rightarrow$ Max 25 MPa (3625 psi)

Connection:

G 1/2"

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos

Specially designed for the Harvester heads



TECHNICAL DATA

Rotation	Unlimited
Max axial load static, KN (lbf)	+160 (35976) -100 (22485)
Max axial load dynamic, KN (lbf)	+80 (17988) -50 (11242)
Torque at 25Mpa (3625psi), Nm (lb ft)	3500 (2581)
Rec oilflow, l/min (US gallon)	40 (10.6)
Weight, kg (lb)	71 (157)

Max working pressure:

Rotator $\leftarrow R \rightarrow$ Max 25 MPa (3625 psi)
 Relief valve opening pressure 26.5 Mpa (3842psi)

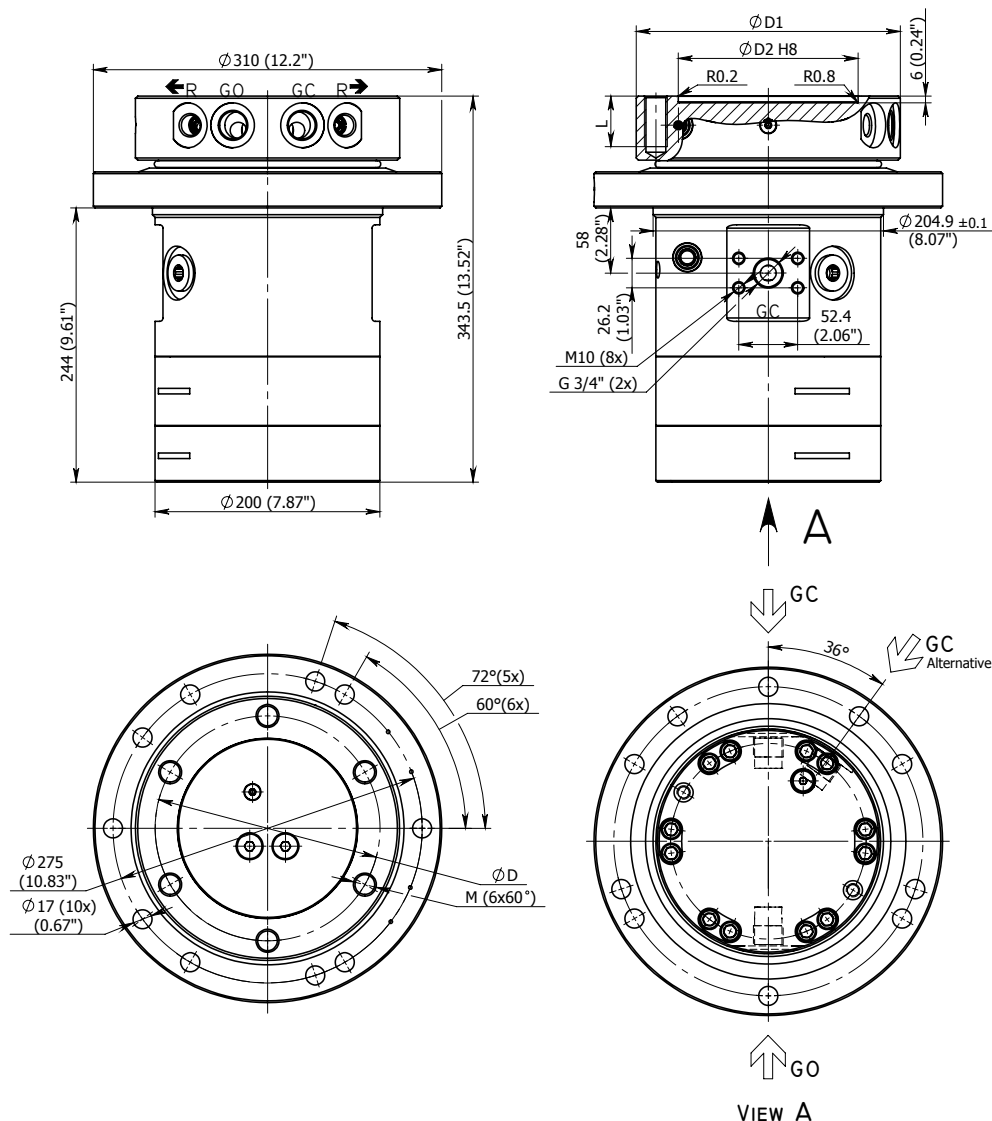
Connection:

G 1/2"

GIR 12

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



	D	D1	D2	M	L	Weight
GIR 12-00	200(7.87")	235(9.25")	160(6.3")	M20	45(1.77")	86 kg (190 lb)
GIR 12-01	180(7.09")	210(8.27")	140(5.51")	M16	40(1.57")	83 kg (182 lb)

TECHNICAL DATA

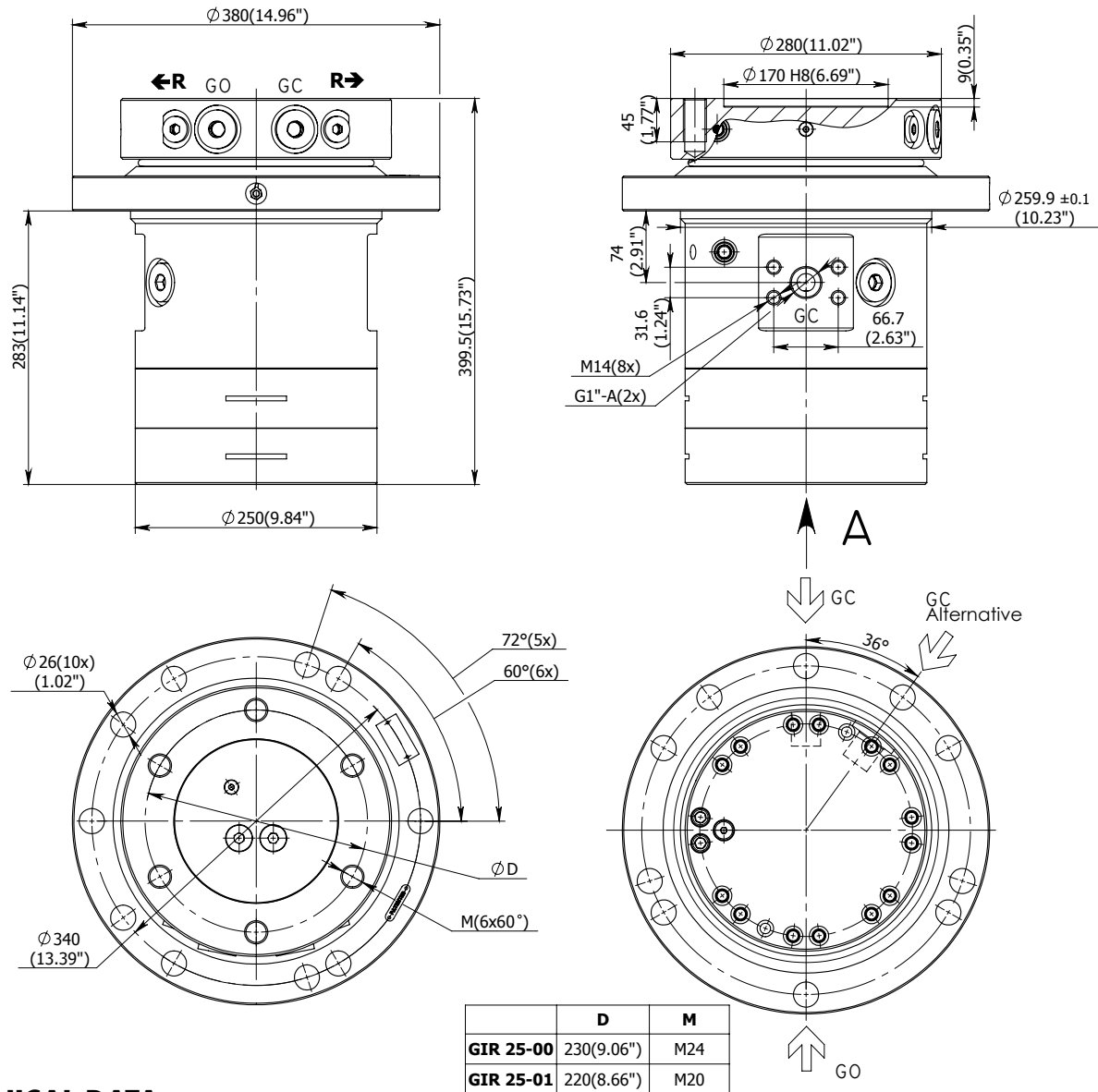
Rotation	Unlimited
Max axial load static, KN (lbf)	± 250 (56202)
Max axial load dynamic, KN (lbf)	± 80 (17985)
Torque at 25Mpa (3625psi), Nm (lb ft)	2000 (1475)
Rated displacement	724 cm ³ /rev. (44.2 in ³ /rev.)
Rotation speed	max 30 rpm
Oil duct area for grapple	150 mm ² (0.232 in ²)

Max working pressure:			Connection:	Rec oilflow:
Rotation	← R →	Max 21 MPa (3045 psi)	G 1/2"	25 l/min (6.6 gal(US)/min)
Grapple/Tool open	← G →	Max 32 MPa (4640 psi)	G 3/4", SAE 1"	
Grapple/Tool close	→ G ←	Max 32 MPa (4640 psi)	G 3/4", SAE 1"	



I dati possono essere variati senza preavviso. *Technical data can be revised without prior notice.*

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



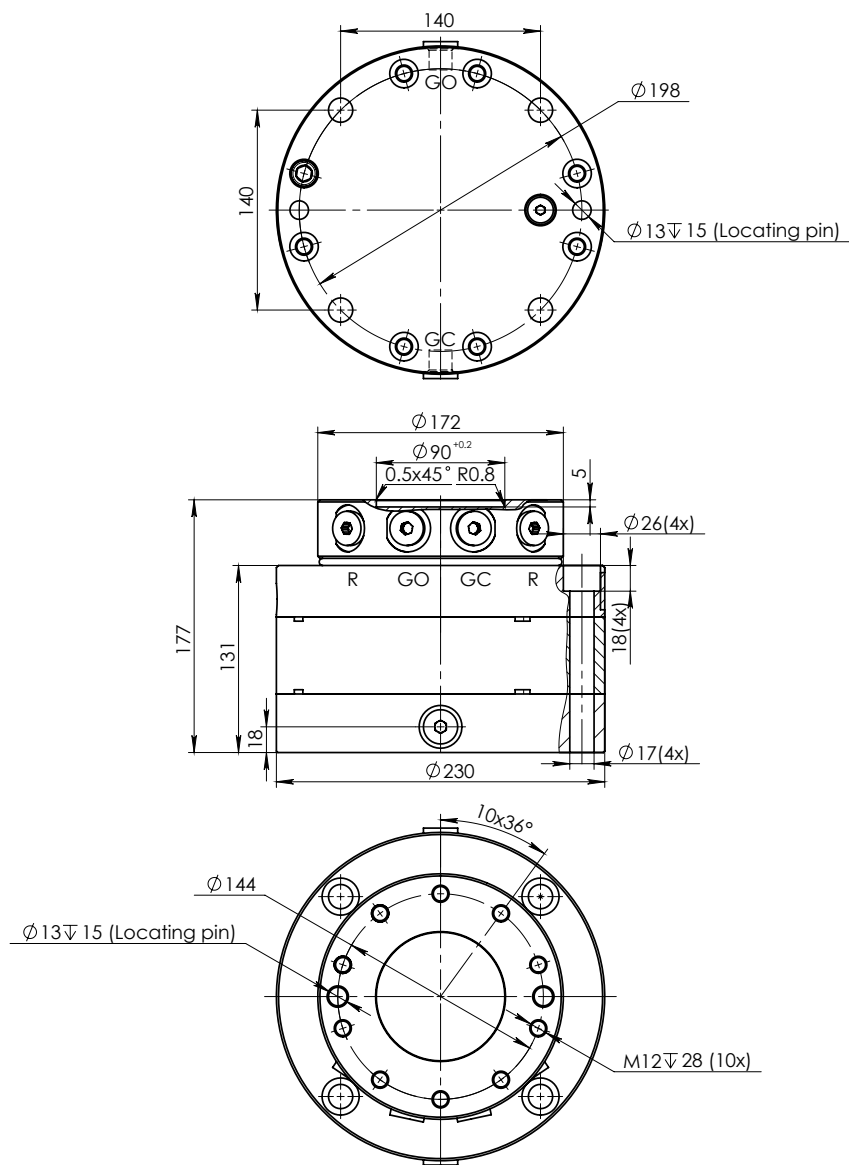
TECHNICAL DATA

Rotation	Unlimited		
Max axial load static, KN (lbf)	± 450 (101164)		
Max axial load dynamic, KN (lbf)	± 160 (35969)		
Torque at 25Mpa (3625psi), Nm (lb ft)	3500 (2581)		
Rated displacement	1304 cm ³ /rev		
Rotation speed	max 25 rpm		
Oil duct area for grapple	260 mm ² (0.403 in ²)		
Weight	146 kg (322 lb)		
Max working pressure:	Connection:		Rec oilflow:
Rotation	← R →	Max 21 MPa (3045 psi)	G 1/2" 35 l/min
Grapple/Tool open	← G →	Max 32 MPa (4641 psi)	G 1", SAE 1 1/4 "
Grapple/Tool close	→ G ←	Max 32 MPa (4641 psi)	G 1", SAE 1 1/4 "

CPR 5

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation/rotation speed Unlimited/max 30 rpm

Max axial load, KN ± 50

Max radial axial load dynamic, KN 36

Torque at 25Mpa (3625psi), Nm 1350

Rated displacement 354 cm³/rev.

Rotation Speed max 30 rpm

Oil duct area for grapple 95 mm²

Weight, kg 45

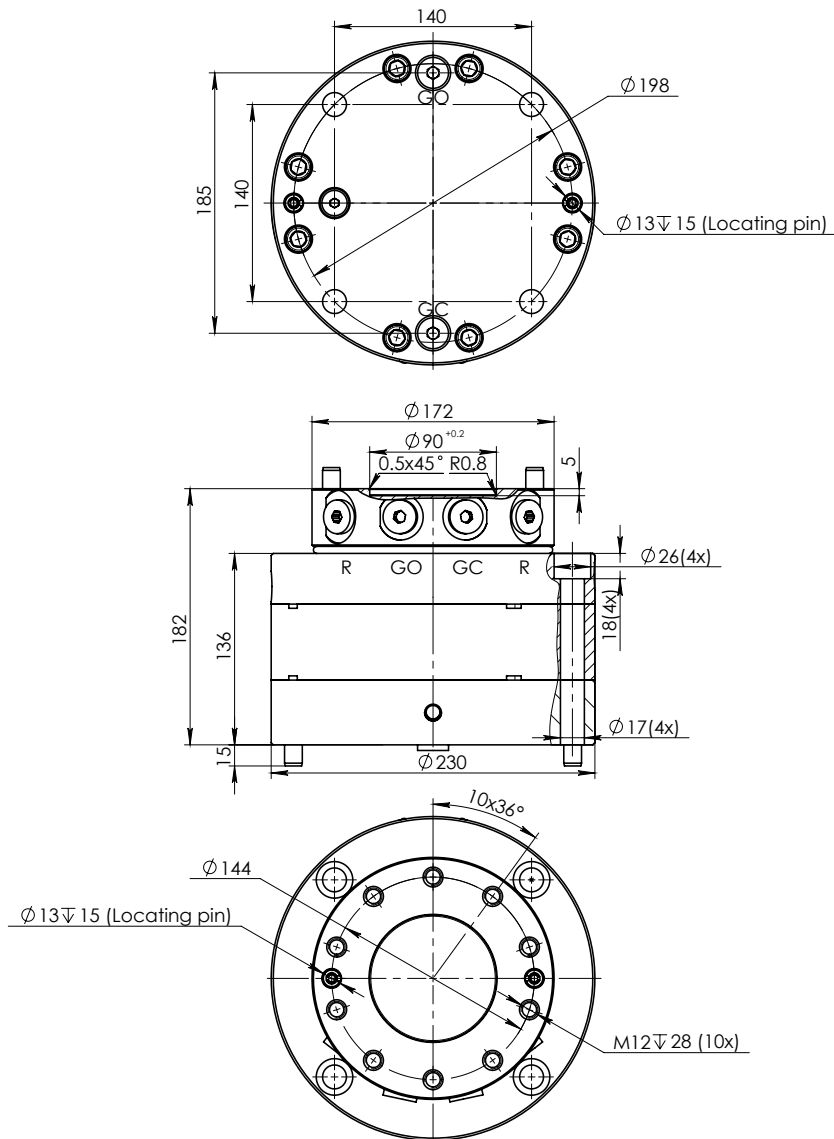
Max working pressure: **Connection:** **Rec oilflow:**

Rotation $\leftarrow R \rightarrow$ Max 25 MPa M 18x1.5 15 l/min

Grapple/Tool open $\leftarrow G \rightarrow$ Max 35 MPa M 18x1.5

Grapple/Tool close $\rightarrow G \leftarrow$ Max 35 MPa M 18x1.5

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation/rotation speed	Unlimited/max 30 rpm		
Max axial load, KN	±50		
Max radial axial load dynamic, KN	36		
Torque at 25Mpa (3625psi), Nm	1350		
Rated displacement	354 cm ³ /rev.		
Rotation Speed	max 30 rpm		
Oil duct area for grapple	95 mm ²		
Weight, kg	47		
Max working pressure:	Connection:	Rec oilflow:	
Rotation ← R →	Max 25 MPa*	M 18x1.5	15 l/min
Grapple/Tool open ← G →	Max 35 MPa	M 18x1.5	Lower - G 3/8
Grapple/Tool close → G ←	Max 35 MPa	M 18x1.5	Lower - G 3/8

* Relief valves fitted

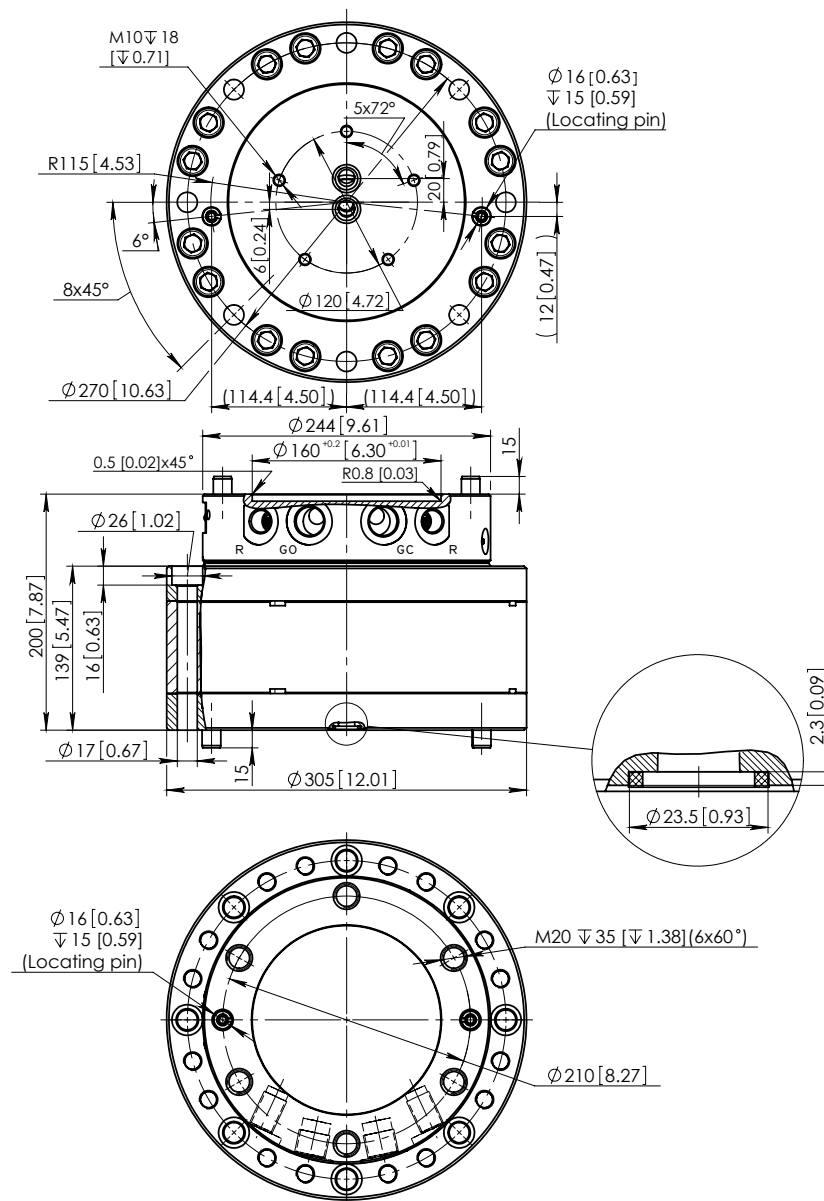
I dati possono essere variati senza preavviso. Technical data can be revised without prior notice.



CPR 8

ROTATORI

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation/rotation speed		Unlimited/max 30 rpm	
Max axial load, KN (lbf)		±80 (17985)	
Max radial load, KN (lbf)		60 (13489)	
Torque at 25Mpa (3625psi), Nm		3000 (2213)	
Rated displacement		832 cm ³ /rev. (50.8 in ³ /rev)	
Oil duct area for grapple		150 mm ² (0.232 in ²)	
Weight, kg (lb)		89 (196)	
Max working pressure:		Connection:	Rec oilflow:
Rotation	← R →	Max 25 MPa	G 1/2" 30 l/min
Grapple/Tool open	← G →	Max 35 MPa	G 3/4"
Grapple/Tool close	→ G ←	Max 35 MPa	G 3/4"

- ## Rotatori idraulici

- 
- Hydraulic Rotators

- ## Hydraulische Drehmotoren

- ## Rotators hydrauliques

-  Rotatores hidráulicos



Rotation/rotation speed	Unlimited/max 30 rpm
-------------------------	----------------------

Max axial load, KN (lbf)	±90 (20233)
--------------------------	-------------

Max radial load, KN (lbf)	70 (15737)
---------------------------	------------

Torque at 25Mpa (3625psi), Nm	3000 (2213)
-------------------------------	-------------

Rated displacement	832 cm ³ /rev. (50.8 in ³ /rev)
--------------------	---

Oil duct area for grapple	150 mm ² (0.232 in ²)
---------------------------	--

Weight, kg (lb)	89 (196)
-----------------	----------

Connection: **Rec oilfollow:**

G 1/2"

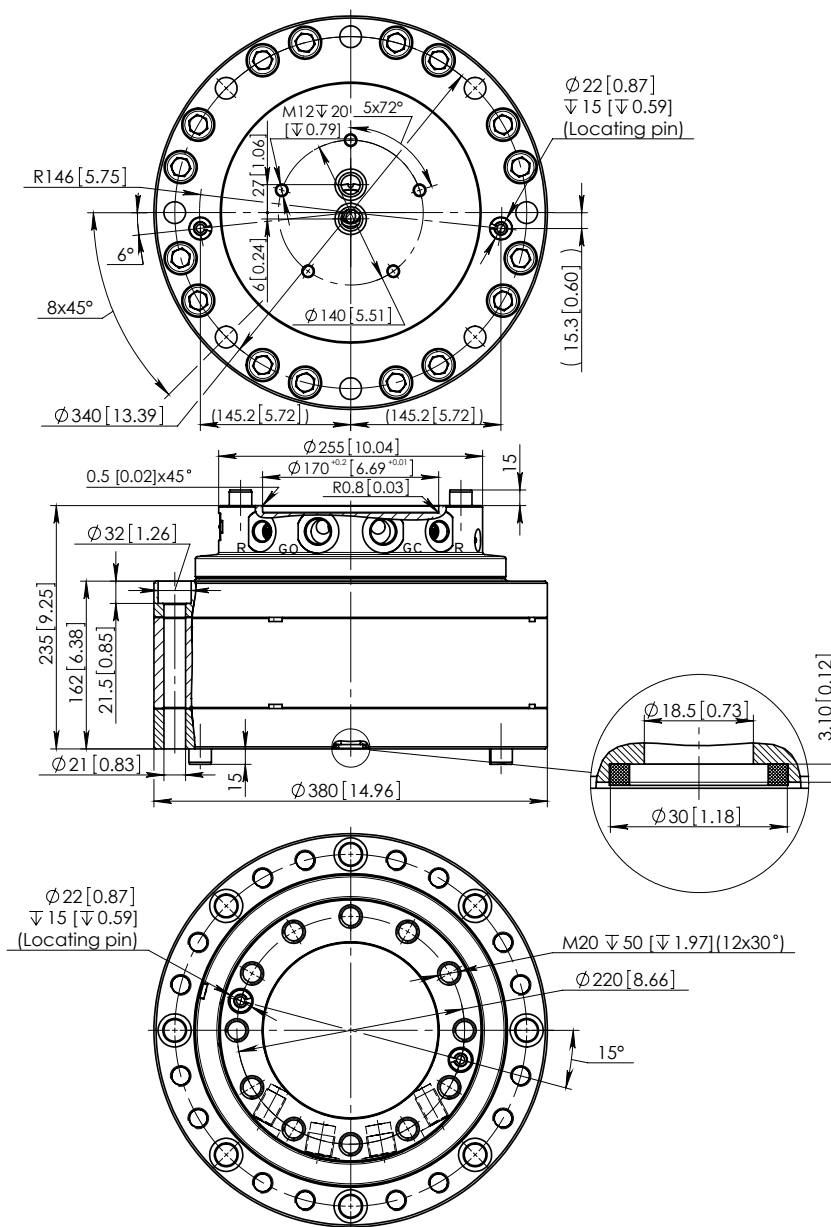
G $\frac{3}{4}$ "

G 3/4"

CPR 14

ROTATORI

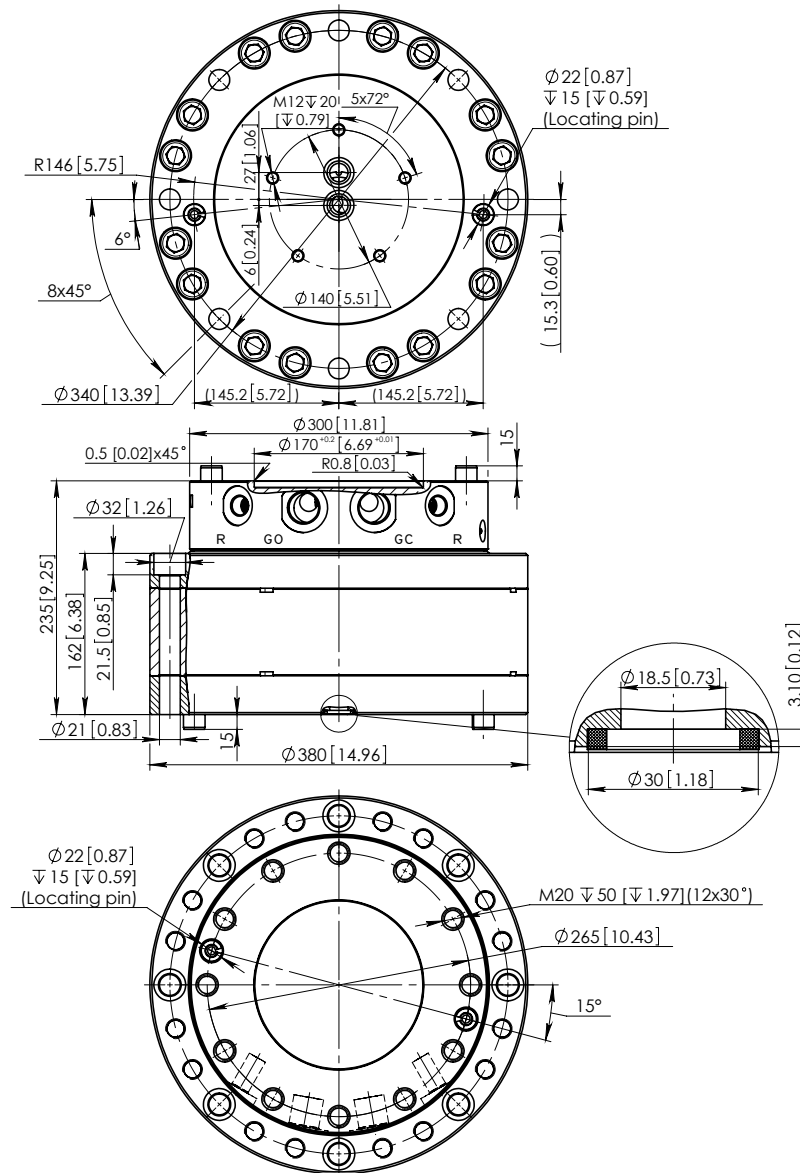
-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



TECHNICAL DATA

Rotation/rotation speed	Unlimited/max 25 rpm
Max axial load, KN (lbf)	±140 (31473)
Max radial load, KN (lbf)	100 (22481)
Torque at 25Mpa (3625psi), Nm	4500 (3319)
Rated displacement	1222 cm ³ /rev. (74.6 in ³ /rev)
Oil duct area for grapple	260 mm ² (0.403 in ²)
Weight, kg (lb)	157 (346)
Max working pressure:	Connection: Rec oilflow:
Rotation ← R → Max 25 MPa	G 1/2" 35 l/min
Grapple/Tool open ← G → Max 35 MPa	G 3/4"
Grapple/Tool close → G ← Max 35 MPa	G 3/4"

-  Rotatori idraulici
-  Hydraulic Rotators
-  Hydraulische Drehmotoren
-  Rotators hydrauliques
-  Rotatores hidráulicos



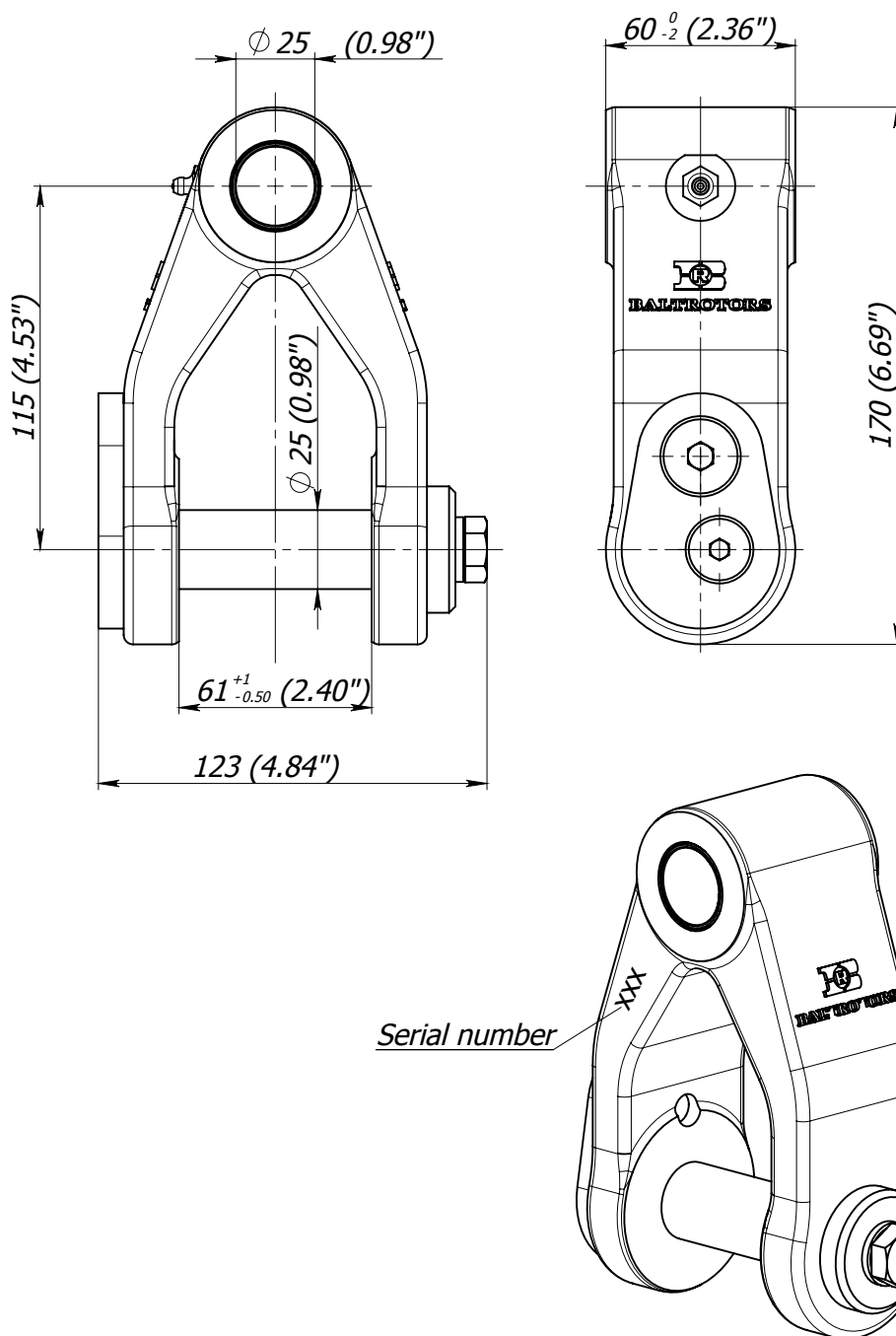
TECHNICAL DATA

Rotation/rotation speed	Unlimited/max 25 rpm		
Max axial load, KN (lbf)	±150 (33721)		
Max radial load, KN (lbf)	110 (24729)		
Torque at 25Mpa (3625psi), Nm	4500 (3319)		
Rated displacement	1222 cm ³ /rev. (74.6 in ³ /rev)		
Oil duct area for grapple	260 mm ² (0.403 in ²)		
Weight, kg (lb)	164 (361)		
Max working pressure:		Connection:	Rec oilflow:
Rotation	← R → Max 25 MPa	G 1/2"	35 l/min
Grapple/Tool open	← G → Max 35 MPa	G 3/4"	
Grapple/Tool close	→ G ← Max 35 MPa	G 3/4"	

BRM 1-60

LINKS

-  Links senza freno
-  Links without brake
-  Links ohne Bremse
-  Links sans frein
-  Links sin freno

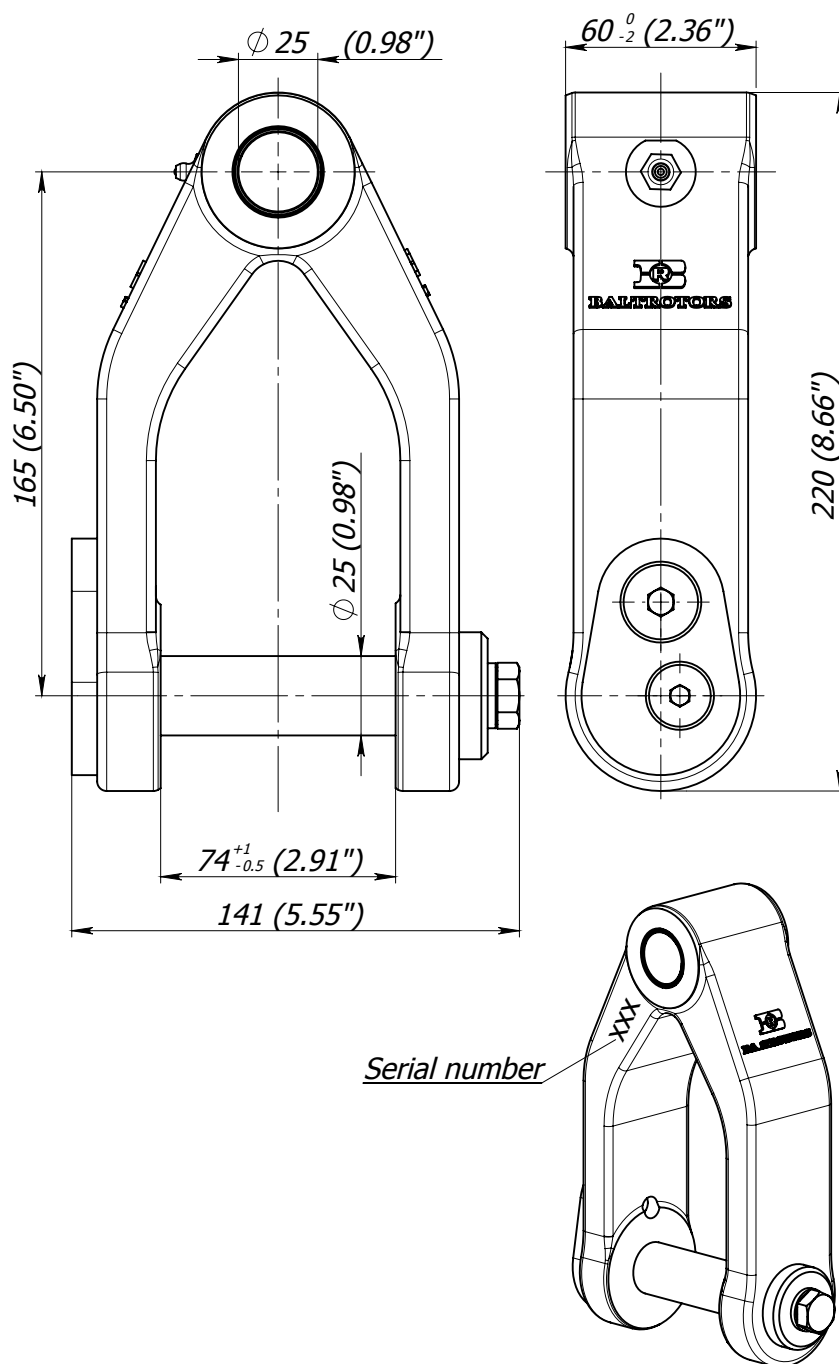


- Weight - 3.45 kg (7.60 lb)
- Fill grease Starplex EP 2, through lubricating nipple (pos. 10), until it will appear to the external surfaces. Greasing must be repeated after every 8 working hours of the link.

BRM 1-73

LINKS

-  Links senza freno
-  Links without brake
-  Links ohne Bremse
-  Links sans frein
-  Links sin freno

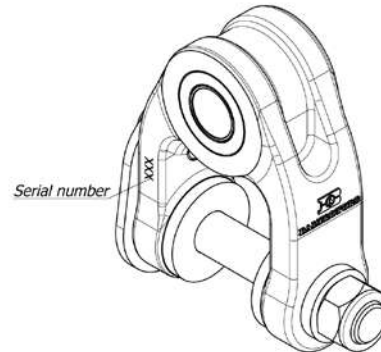
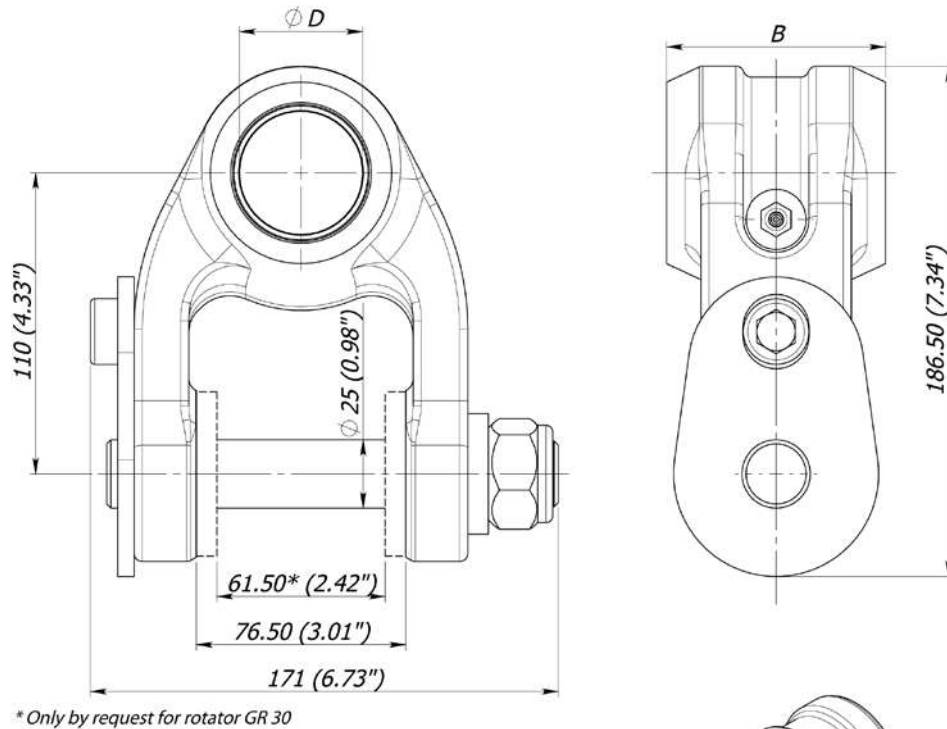


- Weight - 4.78 kg (10.53 lb)
- Fill grease Starplex EP 2, through lubricating nipple (pos. 10), until it will appear to the external surfaces. Greasing must be repeated after every 8 working hours of the link.

BR1

LINKS

-  Links senza freno
-  Links without brake
-  Links ohne Bremse
-  Links sans frein
-  Links sin freno



92

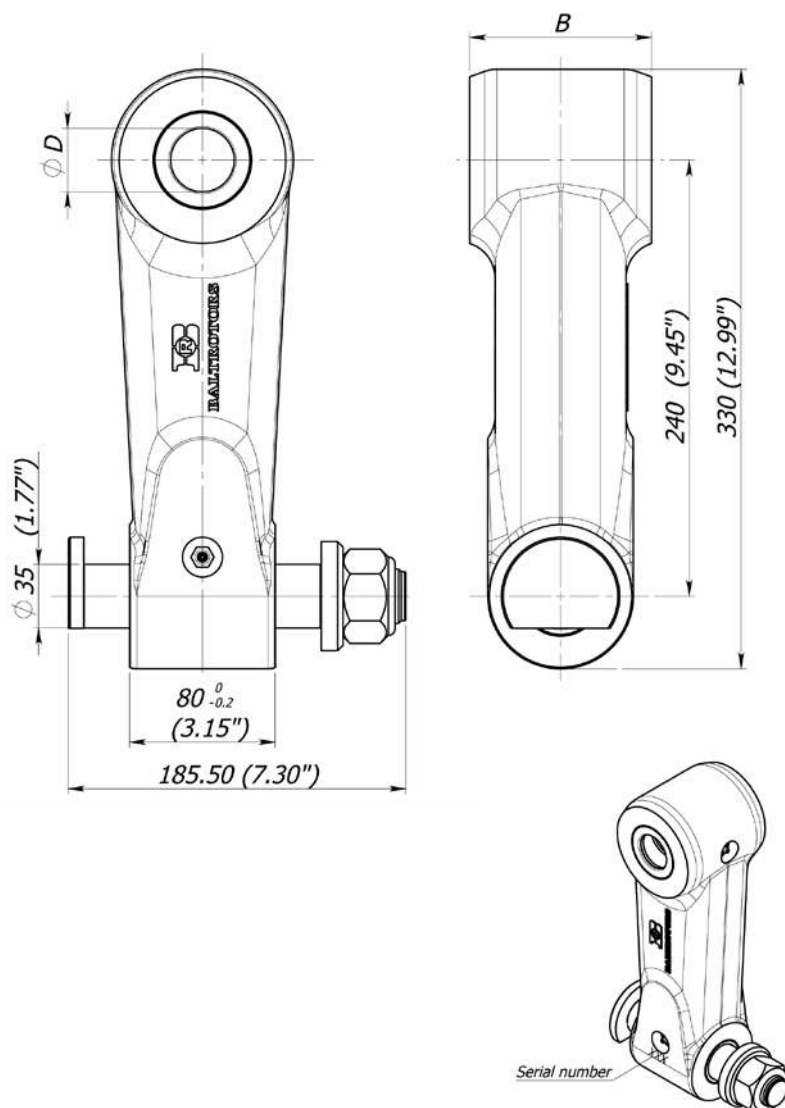
Foro lato gru Ø D (mm) Crane nose pivot Ø D (mm)	Larghezza gancio B (mm) Link Width B (mm)		
	80⁰_{-0.3} (3.15'')	70⁰_{-0.3} (2.76'')	60⁰_{-0.3} (2.36'')
45 (1.77'')	BR 1/80/45	BR 1/70/45	BR 1/60/45
40 (1.57'')	BR 1/80/40	BR 1/70/40	BR 1/60/40
35 (1.38'')	BR 1/80/35	BR 1/70/35	BR 1/60/35
30 (1.18'')	BR 1/80/30	BR 1/70/30	BR 1/60/30
25 (0.98'')	BR 1/80/25	BR 1/70/25	BR 1/60/25
20 (0.79'')	BR 1/80/20	BR 1/70/20	BR 1/60/20

- Pin locking nut is tightened with a torque of 120 Nm (89 lb ft)
- Weight - 5.5±1 kg (12.12±2.20 lb)
- Fill grease Starplex EP 2, through lubricating nipple (pos. 9), until it will appear to the external surfaces. Greasing must be repeated after every 8 working hours of the link.



I dati possono essere variati senza preavviso. *Technical data can be revised without prior notice.*

-  Links senza freno
-  Links without brake
-  Links ohne Bremse
-  Links sans frein
-  Links sin freno



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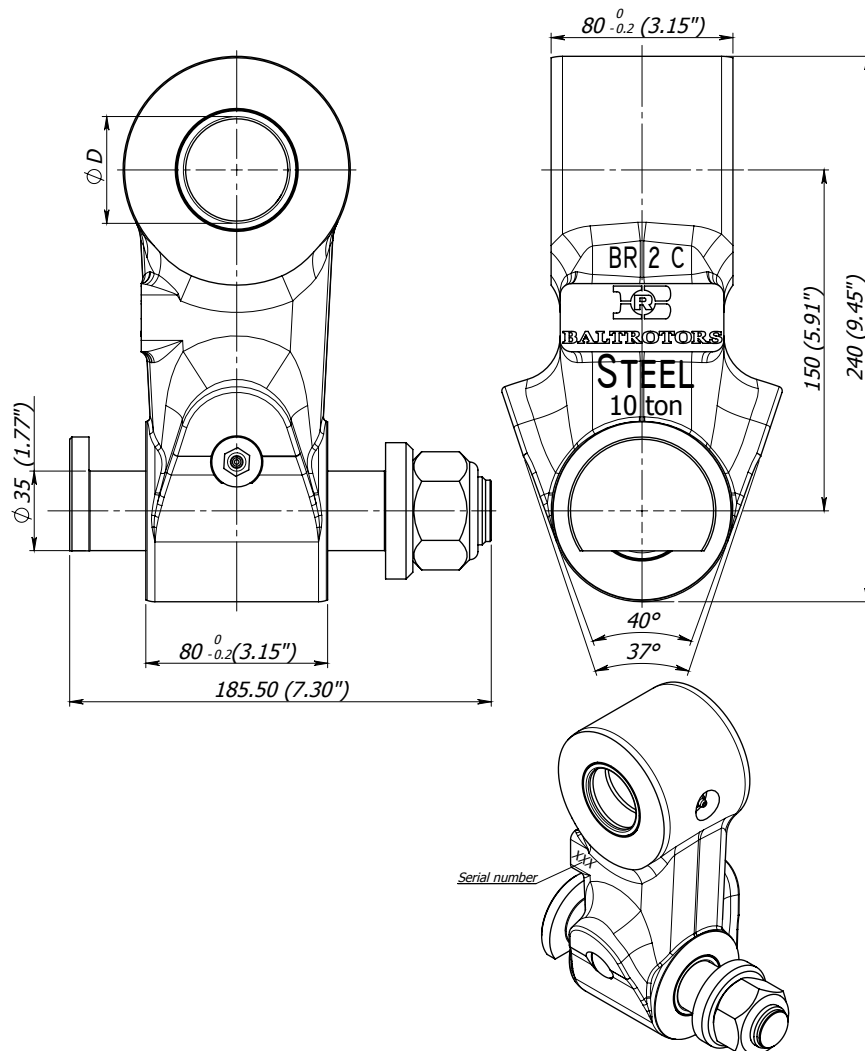
Foro lato gru Ø D (mm) Crane nose pivot Ø D (mm)	Larghezza gancio B (mm) Link Width B (mm)	
	80⁰_{-0.2} (3.15")	100⁰_{-0.2} (3.94")
45 (1.77")	BR 2/45	BR 2-100/45
40 (1.57")	BR 2/40	BR 2-100/40
35 (1.38")	BR 2/35	BR 2-100/35
30 (1.18")	BR 2/30	-

- Pin locking nut is tightened with a torque of 120 Nm (89 lb ft)
- Weight - 16.5±1 kg (36.37±2.20 lb)
- Fill grease Starplex EP 2, through lubricating nipple (pos. 7), until it will appear to the external surfaces. Greasing must be repeated after every 8 working hours of the link.

BR2C

LINKS

-  Links senza freno
-  Links without brake
-  Links ohne Bremse
-  Links sans frein
-  Links sin freno



94

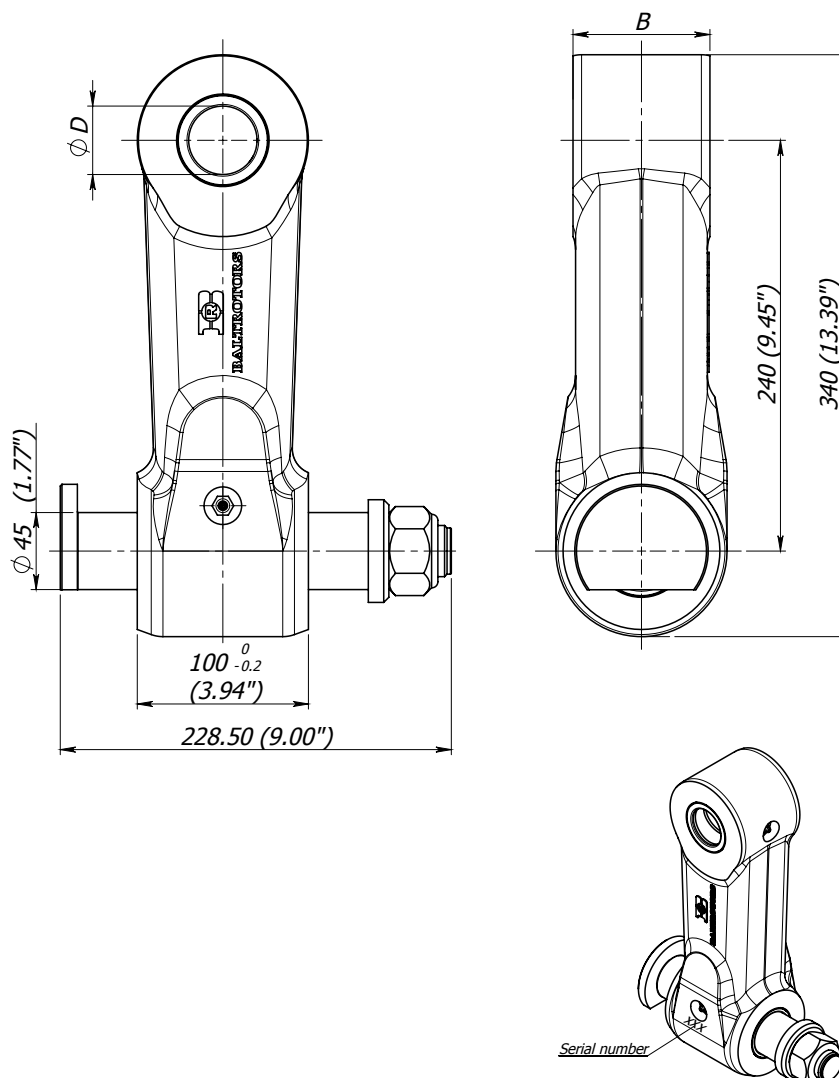
Foro lato gru Ø D (mm) Crane nose pivot Ø D (mm)	Larghezza gancio B (mm) Link Width B (mm)
45 (1.77")	BR 2 C/45
40 (1.57")	BR 2 C/40
35 (1.38")	BR 2 C/35
30 (1.18")	BR 2 C/30
25 (0.98")	BR 2 C/25

- Pin locking nut is tightened with a torque of 120 Nm (89 lb ft)
- Weight - 12.5±0.5 kg (27.55±1.10 lb)
- Fill grease Starplex EP 2, through lubricating nipple (pos. 7), until it will appear to the external surfaces. Greasing must be repeated after every 8 working hours of the link.



I dati possono essere variati senza preavviso. *Technical data can be revised without prior notice.*

-  Links senza freno
-  Links without brake
-  Links ohne Bremse
-  Links sans frein
-  Links sin freno



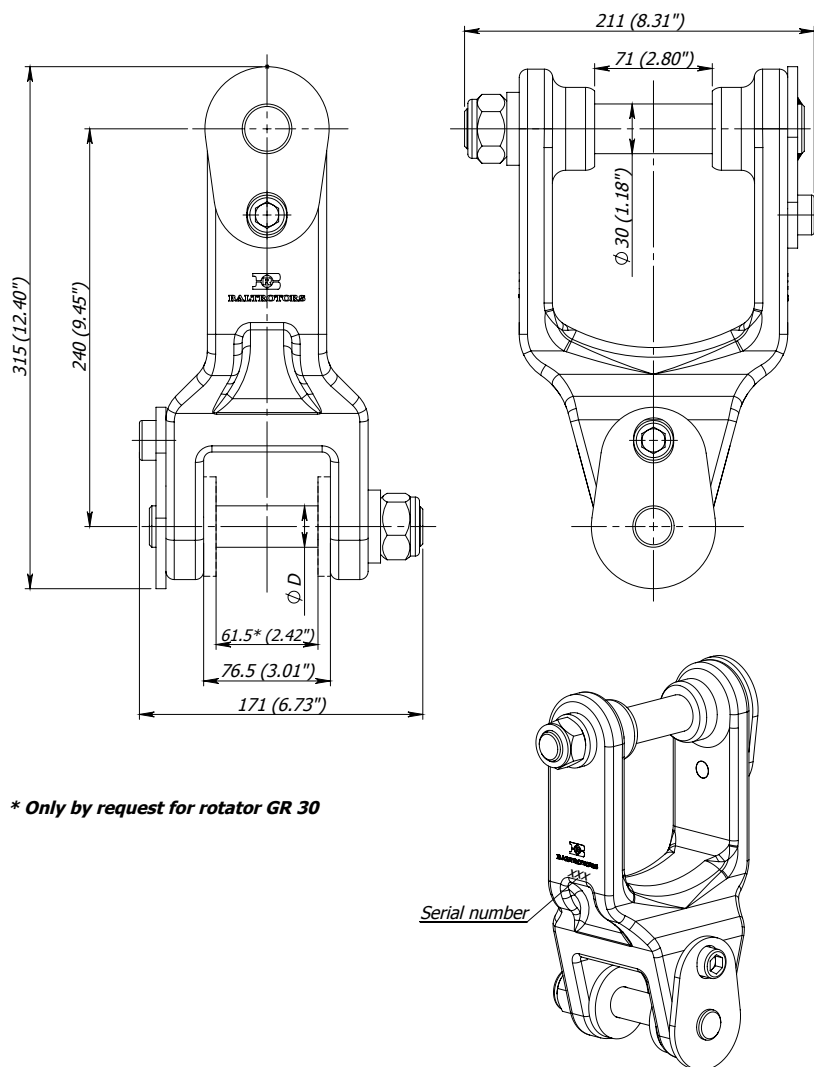
Foro lato gru Ø D (mm) Crane nose pivot Ø D (mm)	Larghezza gancio B (mm) Link Width B (mm)	
	80⁰_{-0.2} (3.15")	100⁰_{-0.2} (3.94")
50 (1.97")	BR 3-80/50	BR 3/50
45 (1.77")	BR 3-80/45	BR 3/45
40 (1.57")	BR 3-80/40	BR 3/40
35 (1.38")	BR 3-80/35	BR 3/35
30 (1.18")	BR 3-80/30	-

- Pin locking nut is tightened with a torque of 120 Nm (89 lb ft)
- Weight - 20.5±1 kg (44.09±2.20 lb)
- Fill grease Starplex EP 2, through lubricating nipple (pos. 7), until it will appear to the external surfaces. Greasing must be repeated after every 8 working hours of the link.

BR4

LINKS

-  Links senza freno
-  Links without brake
-  Links ohne Bremse
-  Links sans frein
-  Links sin freno



* Only by request for rotator GR 30

96

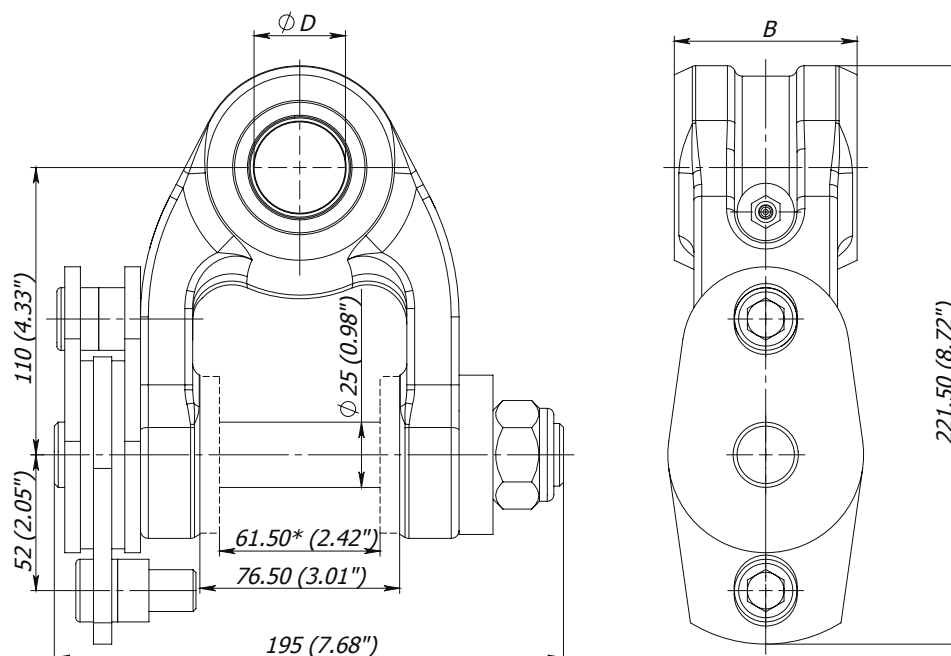
Gancio Link	Diametro perno D (mm) Pin Diameter D (mm)
BR 4	25 (0.98'')
BR 4-A	30 (1.18'')

- Pin locking nut is tightened with a torque of 120 Nm (89 lb ft)
- Weight - 12.5±0.5 kg (27.55±1.10 lb)

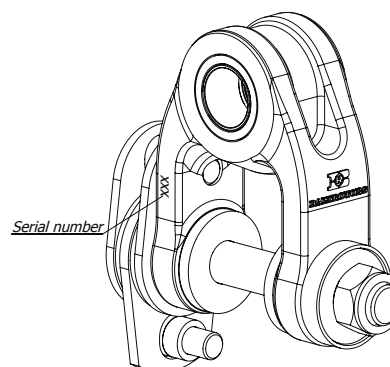


I dati possono essere variati senza preavviso. *Technical data can be revised without prior notice.*

-  Links con freno
-  Links with brake
-  Links mit Bremse
-  Links avec frein
-  Links con freno



* Only by request for rotator GR 30



97

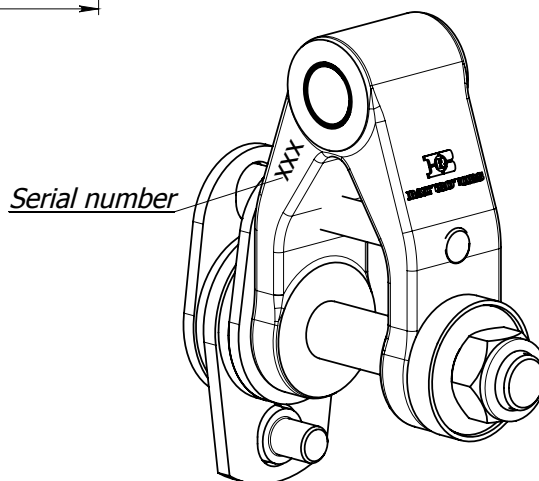
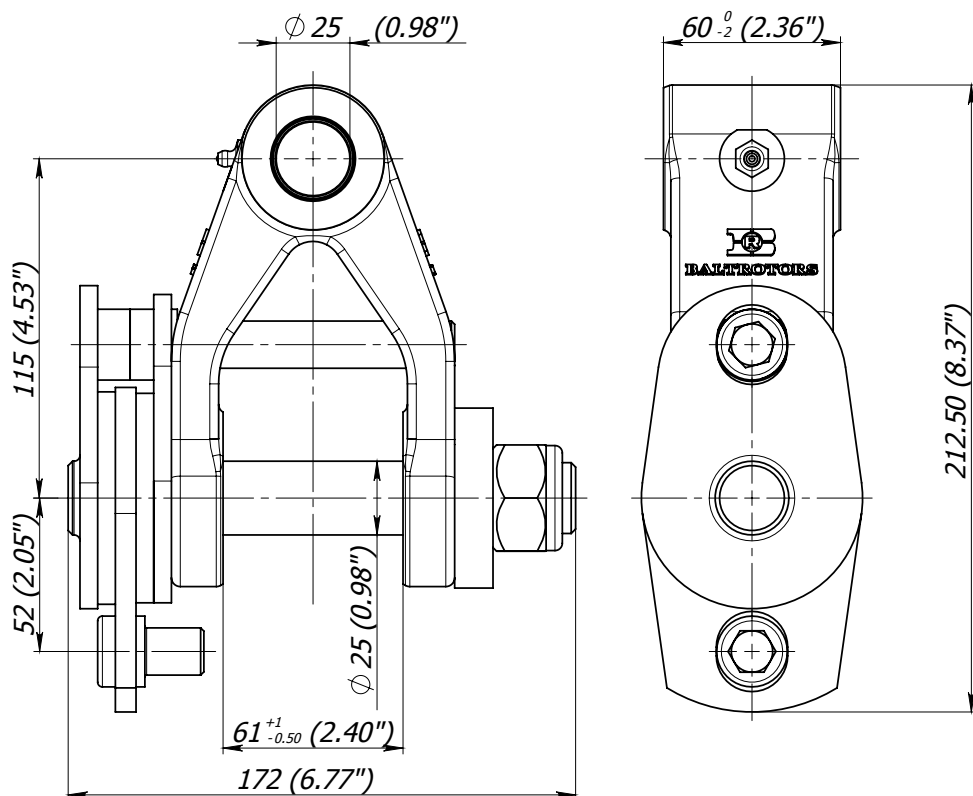
Foro lato gru Ø D (mm) Crane nose pivot Ø D (mm)	Larghezza gancio B (mm) Link Width B (mm)		
	80⁰_{-0.3} (3.15'')	70⁰_{-0.3} (2.76'')	60⁰_{-0.3} (2.36'')
45 (1.77'')	BR 10/80/45	BR 10/70/45	BR 10/60/45
40 (1.57'')	BR 10/80/40	BR 10/70/40	BR 10/60/40
35 (1.38'')	BR 10/80/35	BR 10/70/35	BR 10/60/35
30 (1.18'')	BR 10/80/30	BR 10/70/30	BR 10/60/30
25 (0.98'')	BR 10/80/25	BR 10/70/25	BR 10/60/25
20 (0.79'')	BR 10/80/20	BR 10/70/20	BR 10/60/20

- Pin locking nut is tightened with a torque of 60 - 160 Nm (45 - 120 lb ft) dependent on desired brake power.
- Weight - 6.5±1 kg (14.55±2.20 lb)
- Fill grease Starplex EP 2, through lubricating nipple (pos. 15), until it will appear to the external surfaces. Greasing must be repeated after every 8 working hours of the link.

BRM10-60

LINKS

-  Links con freno
-  Links with brake
-  Links mit Bremse
-  Links avec frein
-  Links con freno

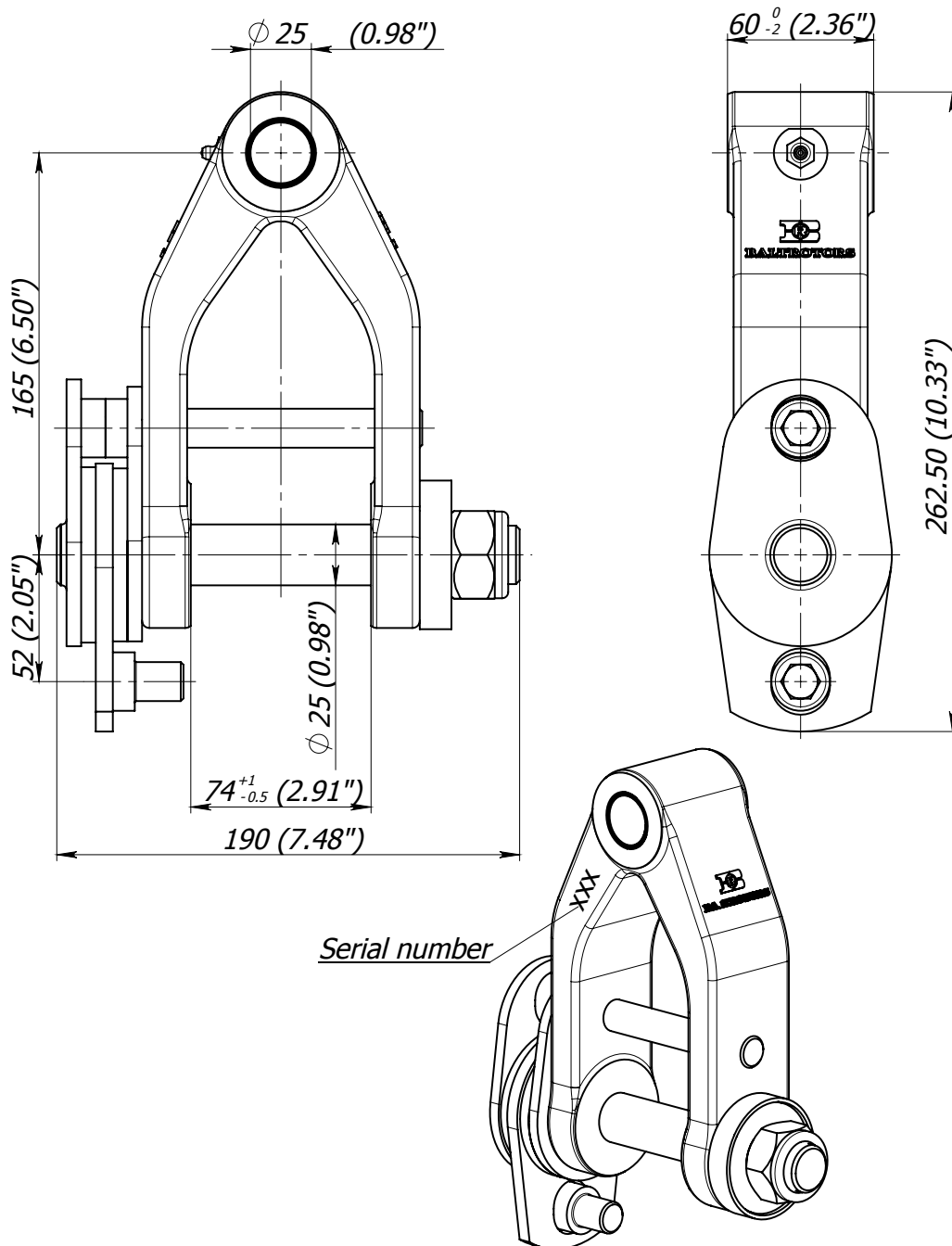


- Pin locking nut is tightened with a torque of 60-160 Nm (45-120 lb ft) dependent on desired brake power.
- Weight - 4.73 kg (10.42 lb)
- Fill grease Starplex EP 2, through lubricating nipple (pos. 12), until it will appear to the external surfaces. Greasing must be repeated after every 8 working hours of the link.

BRM10-73

LINKS

-  Links con freno
-  Links with brake
-  Links mit Bremse
-  Links avec frein
-  Links con freno

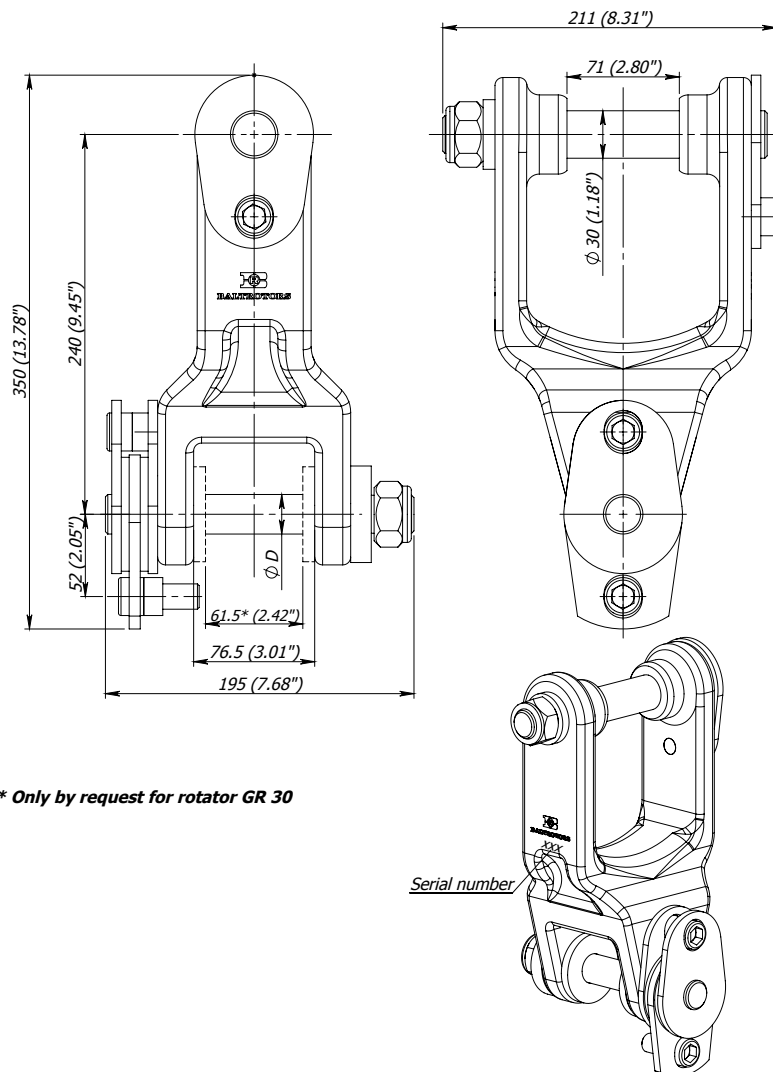


- Pin locking nut is tightened with a torque of 60-160 Nm (45 -120 lb ft) dependent on desired brake power.
- Weight - 4.73 kg (10.42 lb)
- Fill grease Starplex EP 2, through lubricating nipple (pos. 12), until it will appear to the external surfaces. Greasing must be repeated after every 8 working hours of the link.

BR40

LINKS

-  Links con freno
-  Links with brake
-  Links mit Bremse
-  Links avec frein
-  Links con freno



* Only by request for rotator GR 30

100

Gancio Link	Diametro perno D (mm) Pin Diameter D (mm)
BR 40	25 (0.98'')
BR 40-A	30 (1.18'')

- Pin locking nut is tightened with a torque of 60 - 160 Nm (45 - 120 lb ft) dependent on desired brake power.
- Weight - 13.5 1 kg (29.76 2.20 lb)

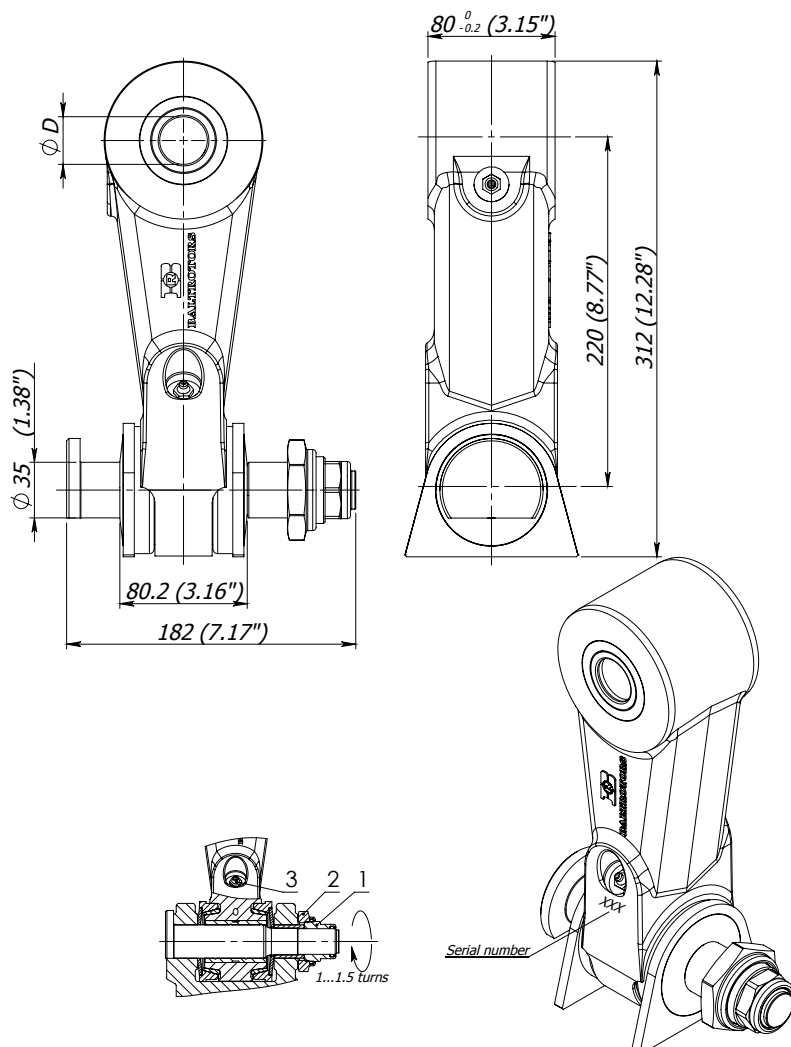


I dati possono essere variati senza preavviso. *Technical data can be revised without prior notice.*

BR20 KS

LINKS

-  Links con freno
-  Links with brake
-  Links mit Bremse
-  Links avec frein
-  Links con freno



101

Gancio Link	Diametro D Diameter D	Peso (kg) Weight (kg)
BR 20 KS/45	45 (1.77")	13.65 (30.00 lb)
BR 20 KS/40	40 (1.57")	13.88 (30.60 lb)
BR 20 KS/35	35 (1.38")	13.99 (30.84 lb)
BR 20 KS/30	30 (1.18")	14.14 (31.17 lb)

To adjust the brake of the link, following actions have to be done:

- release the lock nut (pos.2) • twist the adjusting nut (pos.1) until the disc spring starts to clamp
- tighten the adjusting nut (pos.1) at 1...1.5 turns, that will provide braking moment of 200...250 Nm (148...185 lb ft)
- tighten the lock nut (pos.2) with tightening torque 100 Nm (74 lb ft).

Greasing of lower slide bearing and brake cones is already done through lubricating nipple (pos.3). Fill grease Starplex EP 2 until it will appear to the external surfaces.

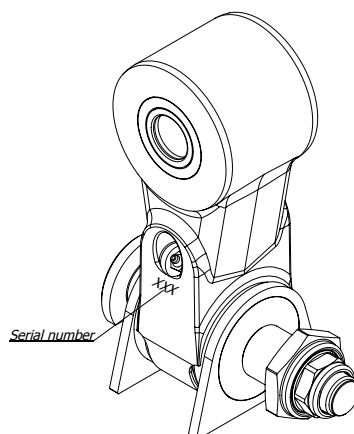
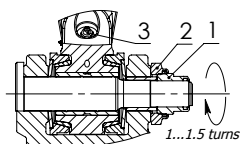
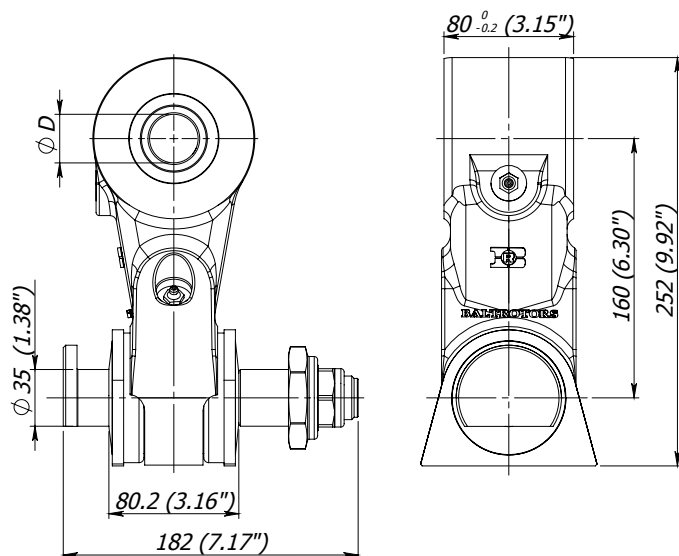
Greasing must be repeated after every 8 working hours of the link.

NOTICE! The link is delivered ungreased. It should be well greased before taking into exploitation.

BR20 KSC

LINKS

-  Links con freno
-  Links with brake
-  Links mit Bremse
-  Links avec frein
-  Links con freno



102

Gancio Link	Diametro D Diameter D	Peso (kg) Weight (kg)
BR 20 KSC/45	45 (1.77")	11.16 (24.60 lb)
BR 20 KSC/40	40 (1.57")	11.39 (25.11 lb)
BR 20 KSC/35	35 (1.38")	11.50 (25.35 lb)
BR 20 KSC/30	30 (1.18")	11.65 (25.68 lb)

To adjust the brake of the link, following actions have to be done:

- release the lock nut (pos.2) • twist the adjusting nut (pos.1) until the disc spring starts to clamp
- tighten the adjusting nut (pos.1) at 1...1.5 turns, that will provide braking moment of 200...250 Nm (148...185 lb ft)
- tighten the lock nut (pos.2) with tightening torque 100 Nm (74 lb ft).

Greasing of lower slide bearing and brake cones is already done through lubricating nipple (pos.3). Fill grease Starplex EP 2 until it will appear to the external surfaces.

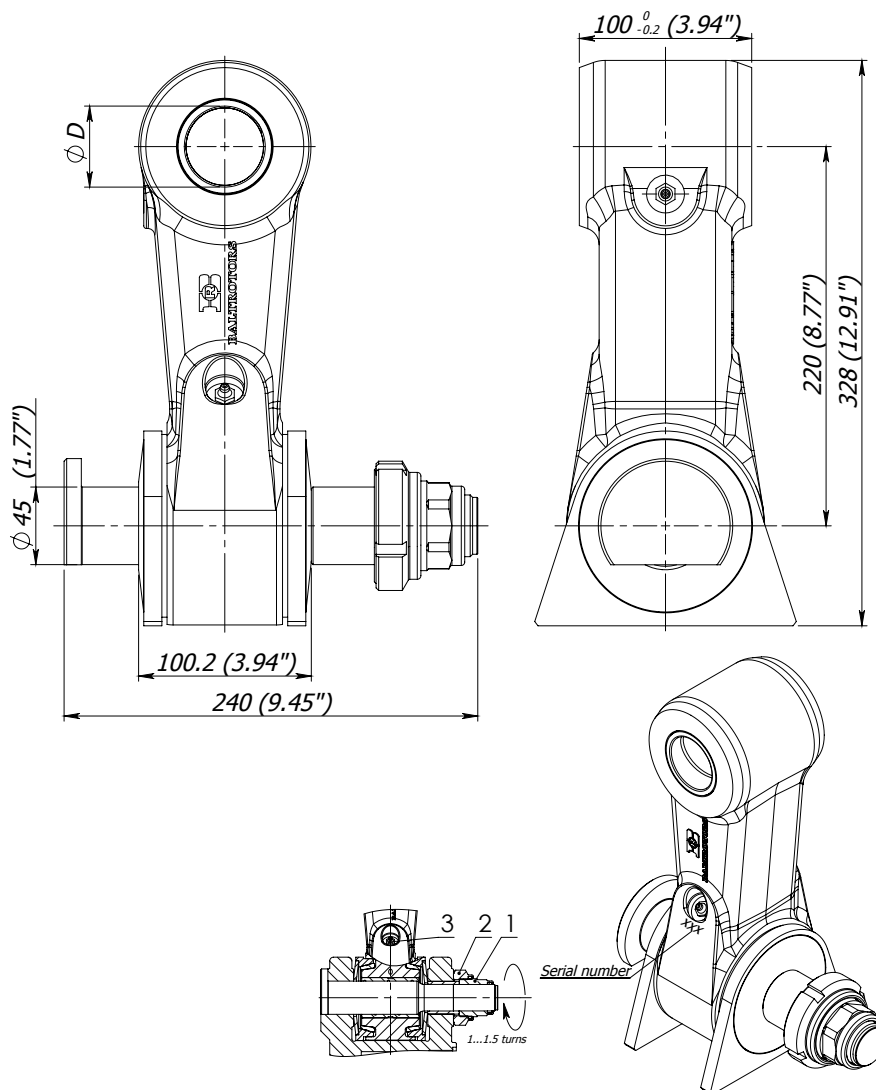
Greasing must be repeated after every 8 working hours of the link.

NOTICE! The link is delivered ungreased. It should be well greased before taking into exploitation.



I dati possono essere variati senza preavviso. Technical data can be revised without prior notice.

-  Links con freno
-  Links with brake
-  Links mit Bremse
-  Links avec frein
-  Links con freno



103

Gancio Link	Diametro D Diameter D	Peso (kg) Weight (kg)
BR 30 KS/45	45 (1.77")	20.39 (44.95 lb)
BR 30 KS/40	40 (1.57")	20.65 (45.52 lb)
BR 30 KS/35	35 (1.38")	20.78 (45.81 lb)

To adjust the brake of the link, following actions have to be done:

- release the lock nut (pos.2) • twist the adjusting nut (pos.1) until the disc spring starts to clamp
- tighten the adjusting nut (pos.1) at 1...1.5 turns, that will provide braking moment of 200...250 Nm (148...185 lb ft)
- tighten the lock nut (pos.2) with tightening torque 100 Nm (74 lb ft).

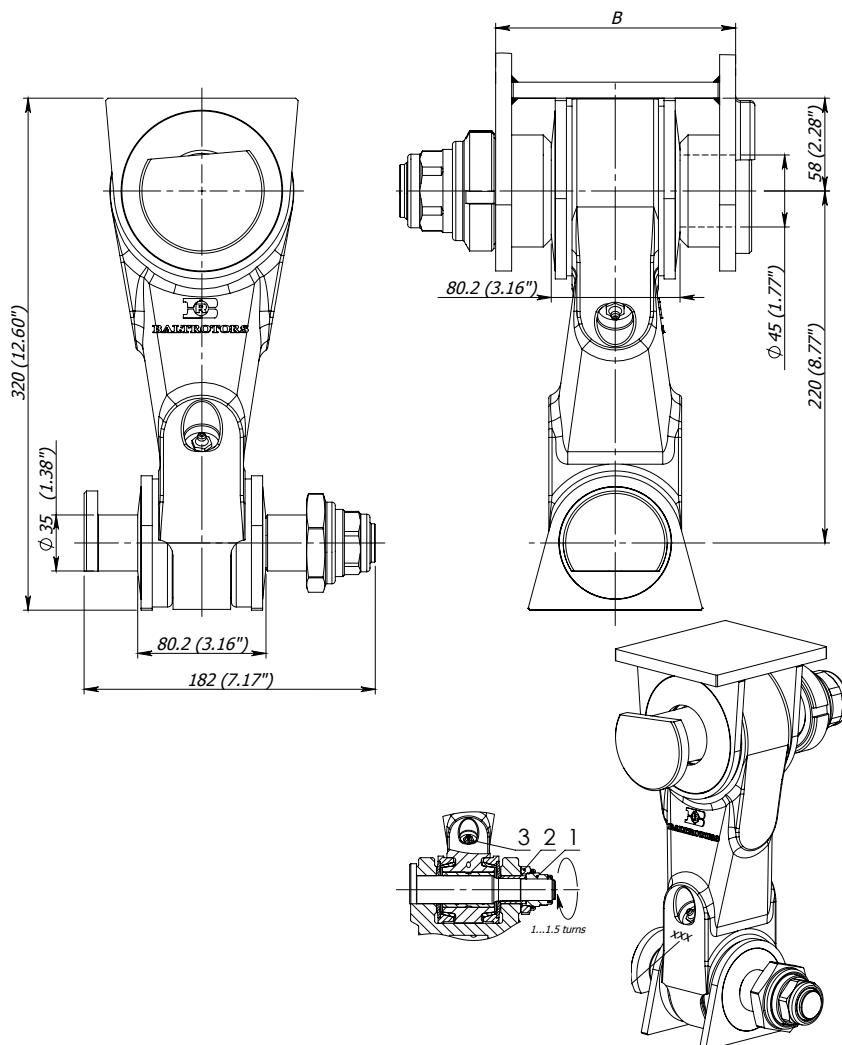
Greasing of lower slide bearing and brake cones is already done through lubricating nipple (pos.3). Fill grease Starplex EP 2 until it will appear to the external surfaces. Greasing must be repeated after every 8 working hours of the link.

NOTICE! The link is delivered ungreased. It should be well greased before taking into exploitation.

BR22 KS

LINKS

-  Links con freno
-  Links with brake
-  Links mit Bremse
-  Links avec frein
-  Links con freno



104

Gancio Link	Largehezza esterna foro lato gru B (mm) Crane nose outer width B (mm)	Peso (kg) Weight (kg)
BR 22 KS/170	170 (6.69'')	17.78 (39.20 lb)
BR 22 KS/160	160 (6.29'')	17.65 (38.91 lb)
BR 22 KS/150	150 (5.90'')	17.53 (38.64 lb)
BR 22 KS/140	140 (5.51'')	17.40 (38.36 lb)
BR 22 KS/130	130 (5.12'')	17.28 (38.09 lb)
BR 22 KS/120	120 (4.72'')	17.15 (37.80 lb)
BR 22 KS/110	110 (4.33'')	17.03 (37.54 lb)

To adjust the brake of the link, following actions have to be done:

- release the lock nut (pos.2) • twist the adjusting nut (pos.1) until the disc spring starts to clamp
- tighten the adjusting nut (pos.1) at 1...1.5 turns, that will provide braking moment of 200...250 Nm (148...185 lb ft)
- tighten the lock nut (pos.2) with tightening torque 100 Nm (74 lb ft).

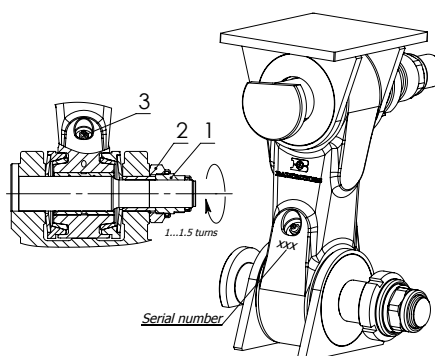
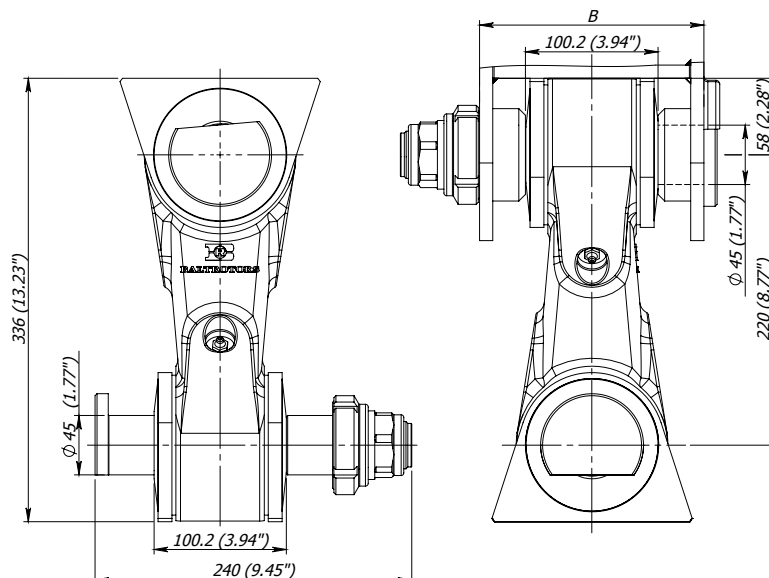
Greasing of lower slide bearing and brake cones is already done through lubricating nipple (pos.3). Fill grease Starplex EP 2 until it will appear to the external surfaces. Greasing must be repeated after every 8 working hours of the link.

NOTICE! The link is delivered ungreased. It should be well greased before taking into exploitation.



I dati possono essere variati senza preavviso. Technical data can be revised without prior notice.

-  Links con doppio freno freno
-  Links with double brake
-  Links mit doppelstopp
-  Links avec frein double
-  Links con doble freno



Gancio Link	Largehezza esterna foro lato gru B (mm) Crane nose outer width B (mm)	Peso (kg) Weight (kg)
BR 32 KS/240	240 (9.49'')	26.28 (57.94 lb)
BR 32 KS/230	230 (9.06'')	26.15 (57.65 lb)
BR 32 KS/200	200 (7.87'')	25.78 (56.84 lb)
BR 32 KS/190	190 (7.48'')	25.65 (56.55 lb)
BR 32 KS/180	180 (7.09'')	25.53 (56.28 lb)
BR 32 KS/170	170 (6.69'')	25.40 (55.98 lb)
BR 32 KS/160	160 (6.29'')	25.28 (55.73 lb)
BR 32 KS/150	150 (5.90'')	25.15 (55.45 lb)
BR 32 KS/140	140 (5.51'')	25.03 (55.18 lb)
BR 32 KS/130	130 (5.12'')	24.90 (54.90 lb)

To adjust the brake of the link, following actions have to be done:

- release the lock nut (pos.2) • twist the adjusting nut (pos.1) until the disc spring starts to clamp
- tighten the adjusting nut (pos.1) at 1...1.5 turns, that will provide braking moment of 200...250 Nm (148...185 lb ft)
- tighten the lock nut (pos.2) with tightening torque 100 Nm (74 lb ft).

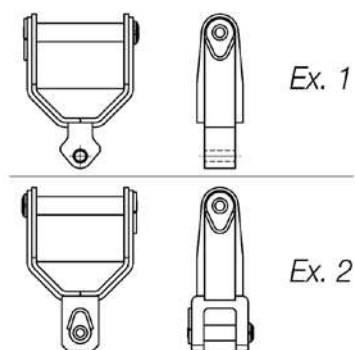
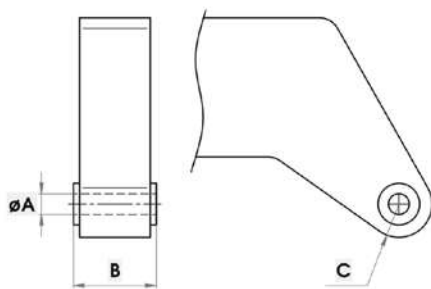
Greasing of lower slide bearing and brake cones is already done through lubricating nipple (pos.3). Fill grease Starplex EP 2 until it will appear to the external surfaces. Greasing must be repeated after every 8 working hours of the link.

NOTICE! The link is delivered ungreased. It should be well greased before taking into exploitation.

TERMINALE ESCAVATORE - EXCAVATOR MODEL
 $\varnothing A$

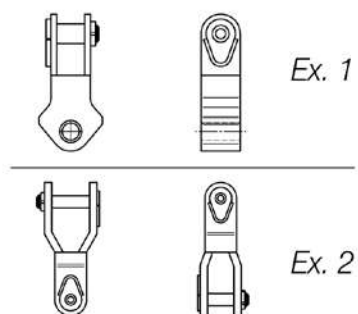
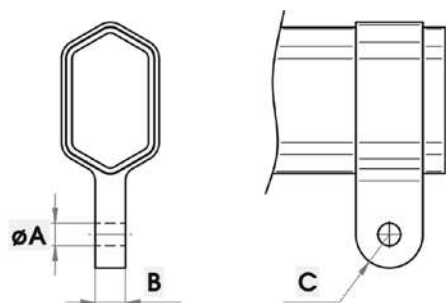
B

C


TERMINALE GRU MASCHIO - MALE BOOM TYPE
 $\varnothing A$

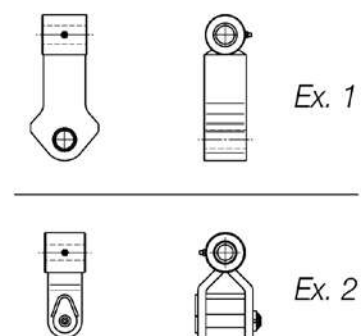
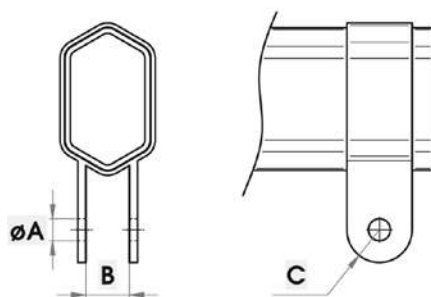
B

C


TERMINALE GRU FEMMINA - FEMALE BOOM TYPE
 $\varnothing A$

B

C





MHSHIDRAULIC.IT

MHS Hidraulic Srl

Via Torino, 176 • 12045 • **FOSSANO** (CN)
Tel +39 0172 694893 • +39 0172 695167 r.a.
Fax +39 0172 695144
mhs@multiwire.net

 /MHShidraulic

