



MHS FORESTAL EQUIPMENT



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IT

La gamma dei prodotti **"Forestal equipment"** della MHS HIDRAULIC, rispecchia una filosofia aziendale.

Una filosofia rivolta alla creazione di importanti collaborazioni, tra noi e i nostri fornitori impegnati ad approvvigionare la nostra produzione con prodotti siderurgici tracciati e di **alta qualità certificata**.

EN

The **"Forestry equipment"** product range of MHS HIDRAULIC reflects a corporate philosophy.

A philosophy aimed at creating important collaborations between us and our suppliers, who are committed to providing our production with traced steel products and **certified high quality**.



GRAZIE

IT

Un grosso **grazie** va a tutti i nostri **rivenditori**, che lavorano instancabilmente su tutto il territorio italiano ed europeo, proponendo i nostri prodotti. Senza la vostra fiducia prima e collaborazione poi il tanto lavoro portato a termine non sarebbe stato possibile.

Questo nuovo catalogo vuol anche essere un ringraziamento a tutti voi nella speranza che possa essere uno strumento concreto e razionale in grado di aiutarvi tutti i giorni. Da parte nostra, sappiate che continueremo a approfondire il massimo impegno nel fornirvi consigli tecnici per le vostre applicazioni, nel migliorare i nostri prodotti e il nostro servizio e nell'ampliare la gamma dei nostri prodotti.

EN

We would like to **thank you** all our **dealers**, who work tirelessly throughout the Italian and European territory, offering our products. Without their trust and collaboration the hard work done would not have been possible.

This new catalogue also wants to be a word of thank you to all of you in the hope that it will be a concrete and rational tool that can help you every day.

You should know that we will continue to make every effort to provide you with technical advice for your applications, to improve our products and our service and to expand the range of our products.



IT

EN

La HOBBY realizzata in **FE510** viene venduta in kit, cioè completa di rotore **BALTROTORS GR10** ed è adatta per essere montata su mini escavatori fino ad un peso massimo di 1.5 ton.

HOBBY

The HOBBY made in FE510 is sold in kit, completed with Baltrotors rotor (written with logo) GR10 and is suitable for mounting on mini excavators up to a maximum weight of 1.5 tons.

Salendo di gamma, proponiamo le pinze serie TM. Queste attrezzature sono idonee per essere applicate su mini e midi escavatori 1.5 ton a 5 ton. Vengono realizzate in due tipi differenti di materiale: **FE510** e **IMEX700** materiale antisnervamento ed antiusura.

TM

Going up the range, we offer the TM wood-grabs series. This equipment is suitable to be applied on mini and midi excavators from 1.5 ton to 5 ton. They are made in two different types of material: FE510 and IMEX700 anti-wear material.

Lo scalino successivo è rappresentato dai modelli della serie TMR per applicazioni su midi escavatori ed escavatori sino a 13 ton. Tutti i modelli della serie TMR non prevedono l'utilizzo dell'**FE510**, ma solamente l'**IMEX700** e il **DOMEX**, quest'ultimo solo sulle chele delle versioni punte aperte.

TMR

The following step is represented by the models of the TMR series for applications on midi excavators and excavators up to 13 tons. All models of the TMR series are not made of FE510, but only of IMEX700 and DOMEX, the latter only on the claws of the open toe versions.

Per impieghi particolarmente gravosi e bene sapere che le serie TM e TMR, vengono anche realizzate in versione rinforzata, cioè con l'applicazione di rinforzi aggiuntivi sui denti delle chele. La versione rinforzata viene realizzata esclusivamente in **IMEX700**.

RINFORZATE
REINFORCED

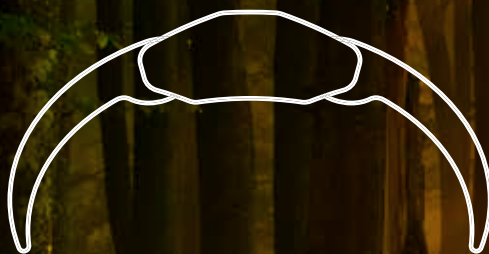
For particularly heavy-duty the TM and TMR series are also made in a reinforced version, with the application of additional reinforcements on the teeth of the claws. The reinforced version is made exclusively in IMEX700.

Questa tipologia, disponibile sulle serie TM e TMR, nasce per soddisfare le esigenze di quegli operatori che devono produrre cippato. La serie punte aperte, presenta l'utilizzo dell'**IMEX700** per la produzione del corpo, mentre per ovviare alla mancanza delle pale in punta alle chele, queste ultime sono realizzate in **DOMEX** e i denti rinforzati.

PUNTE APERTE
OPEN TOES

This type, available on the TM and TMR series, was created to meet the needs of those operators who need to produce wood chips. The open toe series presents the use of the IMEX700 for the production of the body, while to remedy the lack of blades at the tip of the claws, the latter are made of DOMEX and reinforced.

Pinze tronchi *Log Grabs*



IT

La gamma delle nostre pinze copre una vasta gamma di applicazioni.

EN

Our wood-grabs models covers a wide range of applications.



HOBBY

Pinza tronchi con cilindro orizzontale

Log grab with horizontal cylinder **EN** | **FR** Pince à bois avec vérin horizontal
Holzzange mit liegendem Zylinder **DE** | **ES** Pinza para madera con cilindro horizontal



Modello Type	Cap. M³	Portata Kg Load	Peso Kg Weight	Max Bar	Ton	A	B	C	D	E	F	G
HOBBY	0,08	500	37	180	0,8 - 1,5	364	590	70	610	825	464	260

Completa di rotatore idraulico 360° **IT** | **EN** Complete with 360° hydraulic rotator

MOD TM

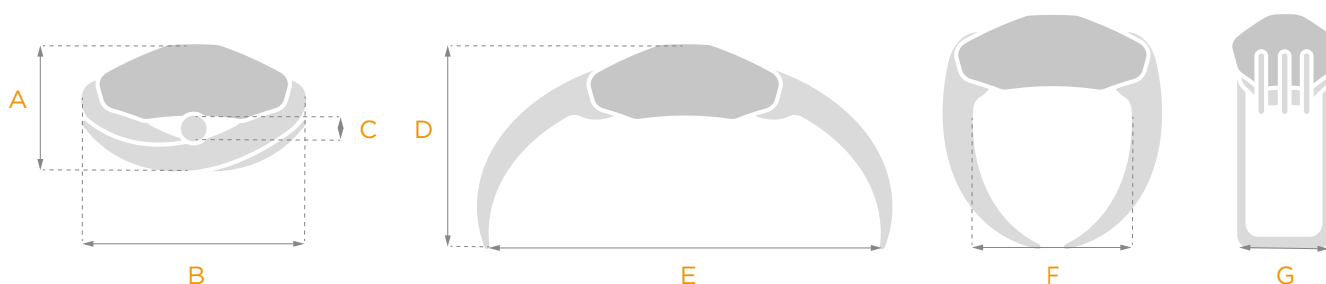
FE
510

IMEX
700

1,5 ↔ 5,0 Ton

Pinza tronchi con cilindro orizzontale

Log grab with horizontal cylinder **EN** | **FR** Pince à bois avec vérin horizontal
Holzzange mit liegedem Zylinder **DE** | **ES** Pinza para madera con cilindro horizontal



Modello Type	Cap. M³	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton	A	B	C	D	E	F	G
TM 1000	0,15	800	70	200	1,5 - 2,0	420	591	55	595	1000	430	375
TM 1300	0,20	1500	118	200	2,0 - 3,0	490	750	120	670	1350	580	440
TM 1500	0,30	2500	138	200	3,0 - 5,0	590	860	130	825	1510	680	490



Piastra inclusa

IT

EN

Plate included

solo per modello TM1000
per il montaggio dei seguenti
rotori a perno: GR10, GR30

only for TM1000 model
for the assembly of the following
pin rotors: GR10, GR30

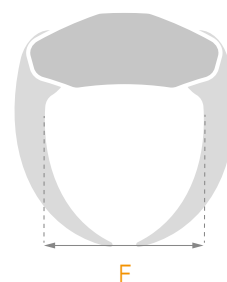
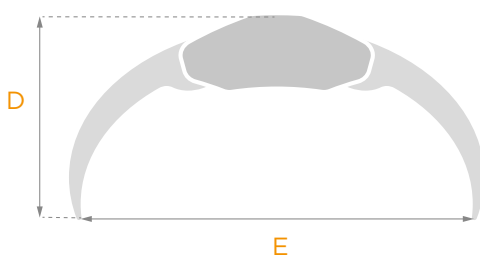
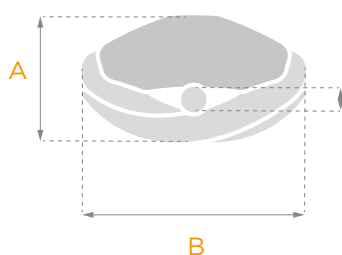
TMR

IMEX
700

4,0 ↔ 13,0 Ton

Pinza tronchi con cilindro orizzontale

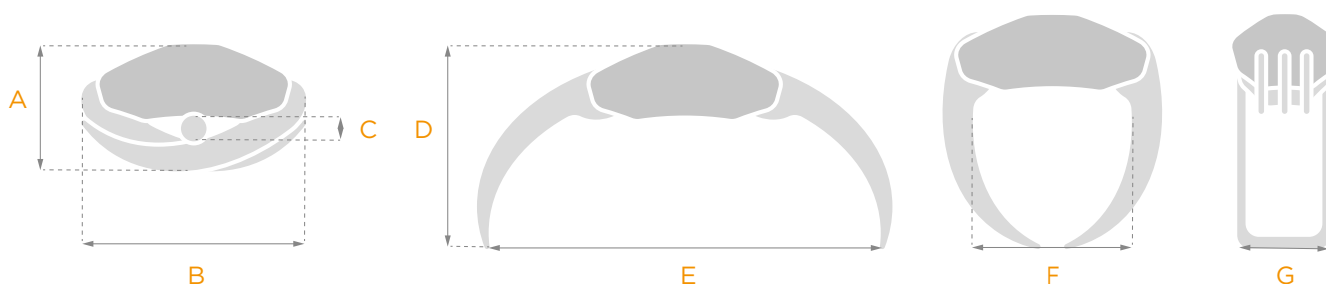
Log grab with horizontal cylinder **EN** | **FR** Pince à bois avec vérin horizontal
Holzzange mit liegendem Zylinder **DE** | **ES** Pinza para madera con cilindro horizontal



Modello Type	Cap. M³	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton	A	B	C	D	E	F	G
TMR 1400	0,20	2000	124	200	4,0 - 7,0	540	740	90	630	1435	540	370
TMR 1600	0,30	3000	228	200	6,0 - 9,0	590	875	120	780	1570	630	400
TMR 1800	0,40	4000	260	200	8,0 - 13,0	660	1020	100	840	1950	700	480

Pinza tronchi con cilindro orizzontale / chele rinforzate

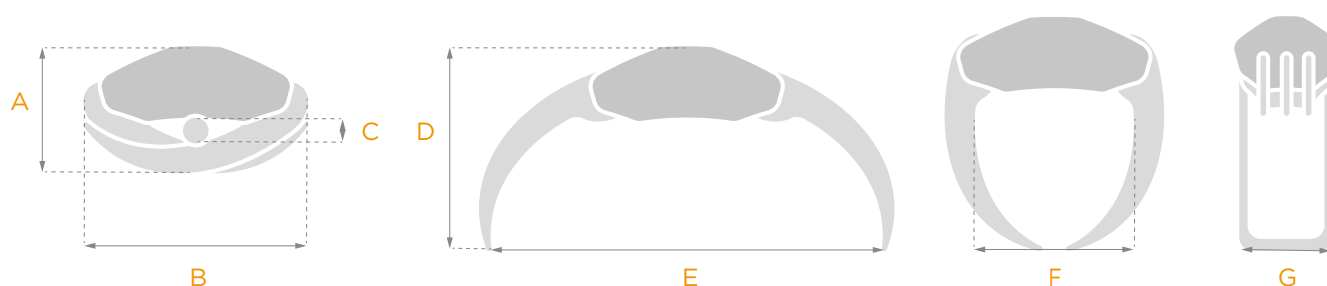
Log grab with horizontal cylinder / reinforced claws **EN** | **FR** Pince à bois avec vérin horizontal / griffes renforcées
Holzzange mit liegendem Zylinder / verstärkte Krallen **DE** | **ES** Pinza madera con cilindro horizontal / garras reforzadas



Modello Type	Cap. M³	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton	A	B	C	D	E	F	G
TM 1000	0,15	800	70	200	1,5 - 2,0	420	591	55	595	1000	430	375
TM 1300	0,20	1500	118	200	2,0 - 3,0	490	750	120	670	1350	580	440
TM 1500	0,30	2500	138	200	3,0 - 5,0	590	860	130	825	1510	680	490
TMR 1400	0,20	2000	124	200	4,0 - 7,0	540	740	90	630	1435	540	370
TMR 1600	0,30	3000	228	200	6,0 - 9,0	590	875	120	780	1570	630	400
TMR 1800	0,40	4000	260	200	8,0 - 13,0	660	1020	100	840	1950	700	480

Cilindro orizzontale / **punte aperte**

Log grab with horizontal cylinder / open toes **EN** | **FR** Pince à bois avec vérin horizontal / orteils ouverts
Holzzange mit liegendem Zylinder / offene Zehen **DE** | **ES** Pinza para madera con cilindro horizontal / brocas abiertas

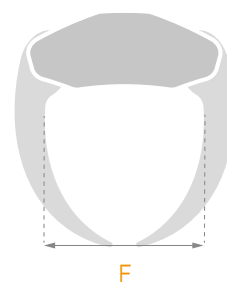
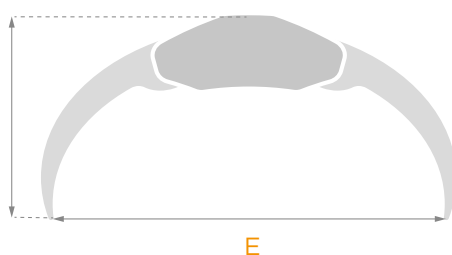
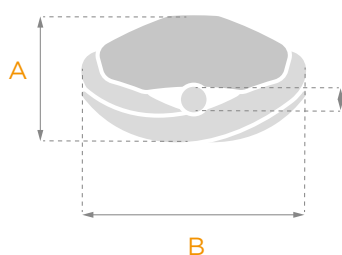
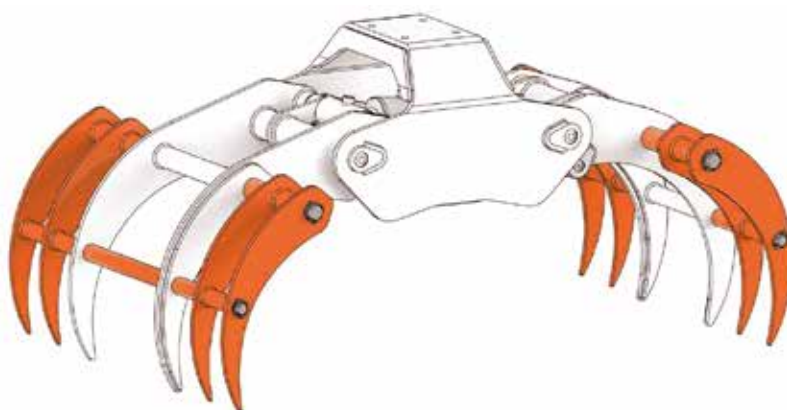
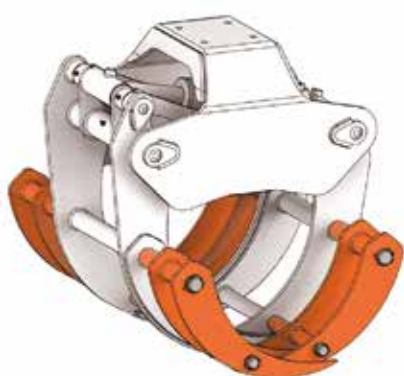


Modello Type	Cap. M³	Portata Kg Load	Peso Kg Weight	Max Bar	Ton	A	B	C	D	E	F	G
TM 1000	0,15	800	70	200	1,5 - 2,0	420	591	55	595	1000	430	375
TM 1300	0,20	1500	118	200	2,0 - 3,0	490	750	120	670	1350	580	440
TM 1500	0,30	2500	138	200	3,0 - 5,0	590	860	130	825	1510	680	490
TMR 1400	0,20	2000	124	200	4,0 - 7,0	540	740	90	630	1435	540	370
TMR 1600	0,30	3000	228	200	6,0 - 9,0	590	875	120	780	1570	630	400
TMR 1600	0,40	4000	260	200	8,0 - 13,0	660	1020	100	840	1950	700	480

POTB L KIT DENTI

Pinza con kit denti amovibile

Kit removable teeth **EN** | **FR** Kit dents amovibles
 Kit abnehmbaren Zähnen **DE** | **ES** Kit dientes amovibles

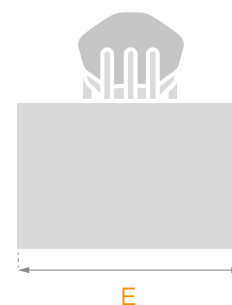
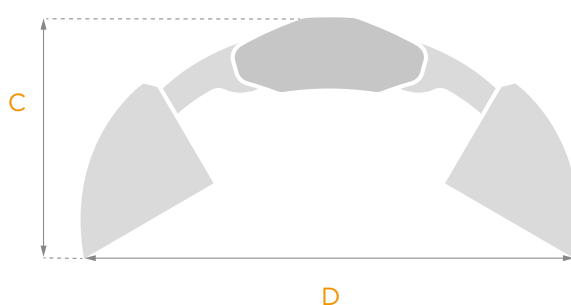
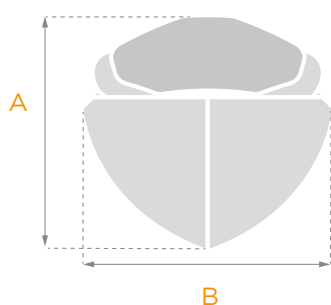
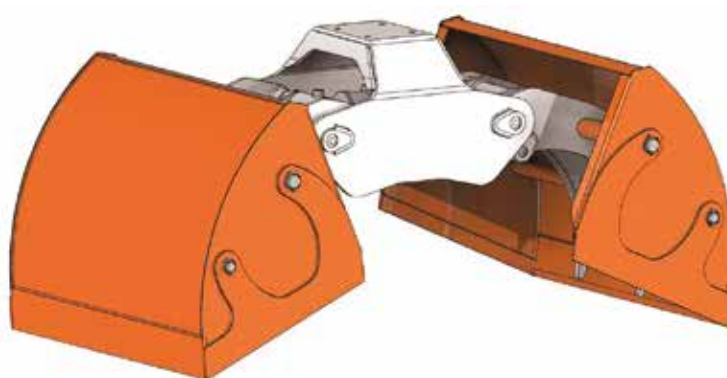
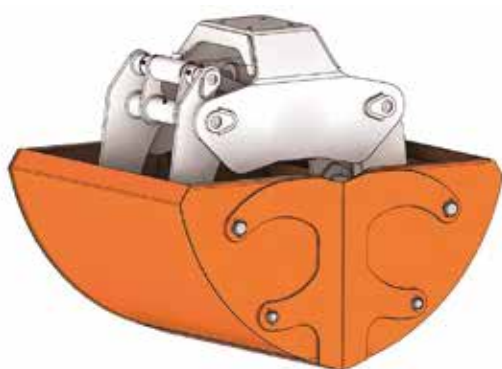


Modello Type	Cap. M²	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton	A	B	C	D	E	F	G
KD POTB 80 L	0,08	500	59	180	1,0 - 1,5	500	465	206	520	790	330	448
KD POTB 100 L	0,15	800	105	180	1,5 - 2,0	665	570	310	680	1000	435	650
KD POTB 250 L	0,20	1500	170	180	2,0 - 3,0	725	680	330	660	1300	510	750
KD POTB 350 L	0,30	2500	250	180	3,0 - 5,0	800	765	360	750	1470	575	910
KD POTB 450 L	0,40	3000	370	180	5,0 - 8,0	945	910	430	880	1740	690	1010

POTB L KIT BENNA

Pinza con kit pareti benna amovibili

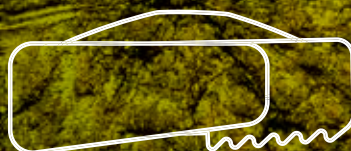
Kit removable side-walls **EN** | **FR** Kit parois amovibles
 Kit abnehmbaren Seitenschalen **DE** | **ES** Kit paredes laterales amovibles



Modello Type	Cap. L	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton	A	B	C	D	E
KD POTB 80 L	70	500	81	180	1,0 - 1,5	585	660	545	854	448
KD POTB 100 L	160	800	143	180	1,5 - 2,0	740	835	700	1000	650
KD POTB 250 L	240	1500	215	180	2,0 - 3,0	830	960	690	1450	750
KD POTB 350 L	370	2500	310	180	3,0 - 5,0	940	1080	785	1640	910
KD POTB 450 L	550	3000	440	180	5,0 - 8,0	1100	1240	910	1920	1010

Kit Motosega

Chainsaw-kit



I kit motosega serie IT, vengono prodotti utilizzando componenti di alta qualità.

Facili da installare, semplici come manutenzione ed affidabili nel tempo, ne un prodotto molto apprezzato nell'uso intensivo.

IT

The grapple saws IT series, are produced with high quality components.

Easy to install, simple in maintenance and reliable over time, it is a highly appreciated product for an intensive use.

EN

KIT MOTOSEGA

Chainsaw Kit **EN** | **FR** Kit tronçonneuse
Kettensägen-Kit **DE** | **ES** Kit de motosierra

IT 450 CTH



IT 500 CTH



Modello Type	Ø Taglio Max mm Ø Max Cut	Olio Motore Lt Oil Flow required	Serbatoio Olio Lt Oil Tank	Peso Kg Weight	Max Bar	Lubrificazione Catena Chain Lubrification	Tendicatena Meccanico Mech. chain Tensioner
IT 450 CTH	450	40 ↔ 50	1,5	70	250	auto	rapido / quick
IT 500 CTH	500	70 ↔ 100	1,5	115	250	auto	rapido / quick
IT 700 CTH	600	100 ↔ 160	1,5	125	250	auto	rapido / quick
IT 800 MS	600/700	100 ↔ 160	1,5	125	250	auto	rapido / quick

OPTIONAL: Tendicatena Automatico

IT

EN

OPTIONAL: Automatic Chain Tensioner

IT 700 CTH



IT 800 MS

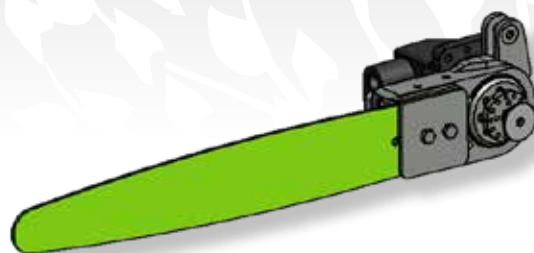


Con il tendicatena automatico, i kit-motosega IT700CTH e IT800MS, aumentano la velocità del cambio catena e la tenuta in guida della stessa durante il taglio. Per cambiare la catena bastano pochi minuti.

IT

With the automatic chain tensioner, the IT700CTH and IT800MS chainsaw kits increase the speed of the chain change and the driving stability during cutting. Changing the chain it only takes a few minutes.

EN



IT

EN

Il cilindro oleodinamico ad alte prestazioni, aziona la pinza permettendo alla lama di tagliare il tronco e nello stesso tempo trattenere la parte della pianta tagliata.

Interamente realizzata in acciaio speciale **STRENX S700MC**, che la rende leggera e altamente performante è dotata di lama integrata in **HARDOX XAR500** che garantisce un taglio netto e pulito, limitando i costi di gestione.

Perfetta anche per la movimentazione del legname già tagliato, riduce al minimo gli spostamenti della macchina operatrice e velocizza le successive operazioni di carico, cippatura e triturazione.

La versione BI200LIGHT può essere anche applicata su caricatore frontale per trattori da 100 cv.

The high performance hydraulic cylinder operates the grab allowing the trunk cut and its contemporary holding.

*Entirely made of special **S700MC STRENX** steel, which makes it light and powerful, it's equipped with an integrated **XAR500 HARDOX** blade that guarantees a clean and quick cut limiting the operating costs.*

Perfect also to handle wood already logged, it reduces the movements of the operating machine and speeds up the consequent loading, chipping and shredding phases.

BI200LIGHT version is also suitable for connection with tractor crane starting from 100 Hp.



Pinze Cesoia

Tree Shear



IT

La Pinza Cesoia BIG INCH é una macchina robusta e versatile ideata per abbattimenti.

EN

Tree Shear BIG INCH is a robust and versatile machine, suitable for breakdowns.

PINZA CESCOIA

Tree Shear **EN** | **FR** Grappin Couper
Shear Greifer **DE** | **ES** Cizalla

BI200 LIGHT / BI200



BI300



Modello Type	Peso Kg Weight	 Ton	Presa min Tronco mm Min Trunk grip inches	Ø Taglio Max mm Ø Max Cut inches	Min/Max Bar	Portata Oleodin. Hydraulic Flow	Largh. Width	Lung. Lenght	Alt. Height
BI200 light	160	2,3↔5,5	50 / 2"	170 hard / 200 6,8" hard / 8" soft	180↔250	30↔80 l/min	1015 39"	879 35"	452 18"
BI200	195	3↔8	50 / 2"	170 hard / 200 6,8" hard / 8" soft	180↔250	30↔80 l/min	1015 39"	879 35"	452 18"
BI300	314	8↔18	60 / 2,5"	280 hard / 300 soft 6,8" hard / 8" soft	180↔250	50↔120 l/min	1040 41"	1360 55"	552 22"
BI400	650	18↔24	120 / 5"	380 hard / 400 soft 15" hard / 16" soft	250↔350	80↔150 l/min	1452 58"	1500 60"	654 25"
BI500	1200	20↔35	200 / 8"	450 hard / 500 soft 18" hard / 20" soft	300↔350	125↔180 l/min	1665 65"	1940 77"	890 35"

BI400



BI500



OPTIONAL per tutti i modelli:

- Pinza Supplementare
- "Speed Kit" Pinza
- Valvola di blocco

IT

EN

OPTIONAL for all types

- Collector
- Grab "Speed Kit"
- Block Valve

IT

EN

Il polipo idraulico mod. PLOT è stato creato appositamente per la raccolta di legna da ardere.

PLOT

Hydraulic polyp grab PLOT model is born for firewood handling.

La benna idraulica a polipo mod. POT è un'attrezzatura a cilindri orizzontali, usata per movimentare rottami e materiali vari.

POT

The hydraulic polyp-grab POT model is an equipment with horizontal cylinders, used for waste and different materials handling.

La gamma POT H sono attrezzature nate per gru a Z, la caratteristica principale è avere due pale asimmetriche. Questa peculiarità permette al POT H di poggiare sul braccio della gru a riposo, riducendo al minimo l'ingombro.

POTH

POT H models are made for Z-collapsible truck crane, its main difference from other models is that it has two asymmetric teeth. This makes possible for the polyp-grab to lay on the arm of the truck crane at rest reducing the footprint.

Il polipo idraulico mod. POT P è un'attrezzatura a cilindri orizzontali per escavatori. Sono benne a polipo con strutture ideate per permettere lavori intesi e continuativi.

POTP

The hydraulic polyp-grab POT P is an equipment with horizontal cylinders for excavators.

Polipi

Polyp-grab



Il **polipo idraulico** è un'attrezzatura di presa costituita da 3/4/5/6 pale a movimento indipendente e sincronizzato, ciascuna delle quali è azionata da un cilindro oleodinamico.

Le nostre benne a polipo vengono installate su gru da camion oppure fisse, caricatori a Z, su mini pale telescopiche articolate, su escavatori gommati o cingolati, semoventi.

IT

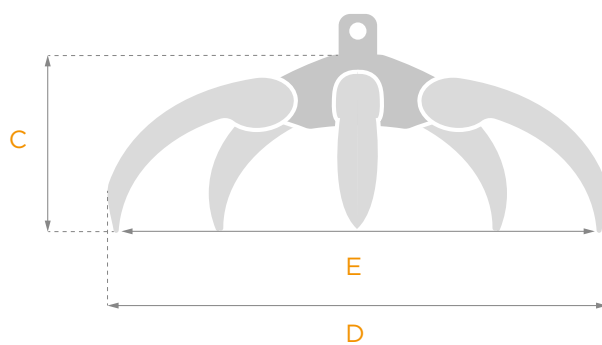
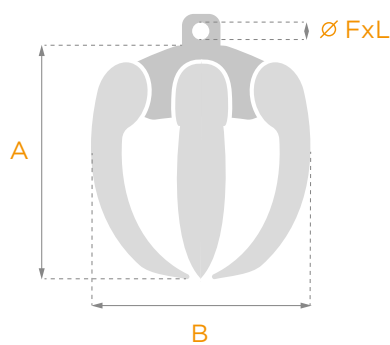
EN

*The **Hydraulic polyp-grab** is an equipment made with 3/4/5/6 teeth, all of them with independent and synchronized movements, every one of them is actioned by a oleo-dynamic cylinder. Our hydraulic polyp-grabs are meant for trucks or fixed cranes, Z-collapsible truck cranes, mini telescopic articulated loaders, wheels or crawler excavators, self-propelled excavators.*

PLOT

Polipo per la raccolta di **legna da ardere**

Polyp grab for handling firewood **EN** | **FR** Grappin pour le chargement de bois de chauffage
 Mehrschalengreifer für die **DE** | **ES** Pulpo para recogida de leña
 Sammlung von Brennholz



Modello Type	Denti Teeth	Cap. L	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton	A	B	C	D	E	FxL
PLOT 120/5	5	120	1000	130	250	1,5 - 3,0	780	780	500	1520	1400	25x30
PLOT 285/5	5	285	1500	220	250	3,0 - 6,0	1100	950	645	1930	1805	30x40
PLOT 440/5	5	440	2500	393	250	7,0 - 12,0	1260	1140	712	2470	2333	32x80

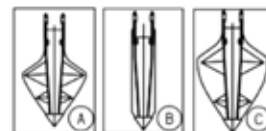
POT

Polipo per la movimentazione rottami/rifiuti

Polyp-grab for scrap waste and other material **EN** | **FR** Rappin à ferraille manipulation matériaux divers
 Mehrschalengreifer für Schrottumschlag und Materiale **DE** | **ES** Pulpo para el manejo de desechos y materiales diversos

STANDARD

Tipologia foglia
Tine type



* = A richiesta anche nella versione super rinforzato / Available also in the super strengthened version

Modello Type	Denti Teeth	Cap. L	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton	A	B	C	D	E	FxL
POT 80/4	4	90	750	81	200	1,0 - 2,0	580	650	430	1090	1010	25x30
POT 95/4	4	110	900	105	250	2,0 - 3,0	650	730	480	1230	1130	25x30
POT 95/5	5	110	1500	118	250	2,0 - 3,0	650	730	480	1230	1130	25x30
POT 115/4	4	120	900	112	250	2,5 - 4,0	700	743	497	1340	1240	25x30
POT 115/5	5	120	1500	130	250	2,5 - 4,0	700	743	497	1340	1240	25x30
POT 130/4	4	160	1500	230	250	3,0 - 5,0	750	900	550	1400	1300	30x60
POT 140/5	5	160	2000	265	250	3,0 - 5,0	750	900	550	1400	1300	30x60
POT 150/6	6	160	2500	310	250	3,0 - 5,0	750	900	550	1400	1300	30x60
POT 170/4	4	205	1500	250	250	3,0 - 6,0	890	920	600	1650	1560	30x60
POT 210/5	5	205	2000	275	250	3,0 - 6,0	890	920	600	1650	1560	30x60
POT 220/6	6	205	2500	320	250	3,0 - 6,0	890	920	600	1650	1560	30x60
POT 250/4*	4	270	2000	310	250	4,0 - 7,0	900	1000	650	1640	1490	32x80
POT 255/5*	5	270	2500	350	250	4,0 - 7,0	900	1000	650	1640	1490	32x80
POT 265/6*	6	270	3000	390	250	4,0 - 7,0	900	1000	650	1640	1490	32x80
POT 290/4*	4	325	2500	375	250	6,0 - 9,0	930	1120	680	1760	1630	32x80
POT 295/5*	5	325	3000	415	250	6,0 - 9,0	930	1120	680	1760	1630	32x80
POT 325/6*	6	325	3000	460	250	6,0 - 9,0	930	1120	680	1760	1630	32x80
POT 390/4*	4	400	2500	420	250	7,0 - 12,0	970	1240	760	1940	1780	32x80
POT 395/5*	5	400	3000	450	250	7,0 - 12,0	970	1240	760	1940	1780	32x80
POT 405/6*	6	400	3000	520	250	7,0 - 12,0	970	1240	760	1940	1780	32x80

POT H

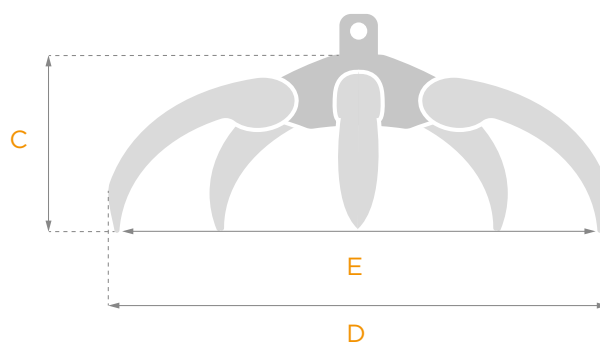
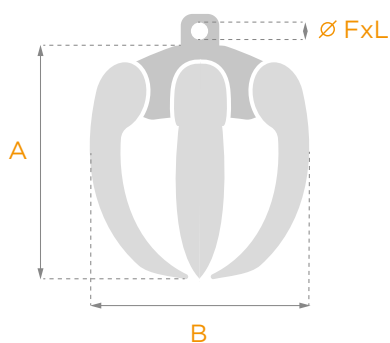
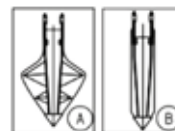
Polipo per **caricatore ripieghevole a Z**

Polyp for Z - collapsible truck crane **EN**
Mehrschalengreifer für zusammenfaltbare Z- Ladekräne **DE**

FR *Grappin idéal pour grue de camion repliable à Z*
ES *Pulpo ideal para camión grúa plegable a Z*

STANDARD

Tipologia foglia
Tine type



Modello Type	Denti Teeth	Cap. L	Portata Kg Load	Peso Kg Weight	Max Bar	Ton	A	B	C	D	E
POT H 280/5	5	280	3000	385	250	0,8 - 2,0	870	1070	670	1710	1580
POT H 280/6	6	28	3000	425	250	0,8 - 2,0	870	1070	670	1710	1580

POT P

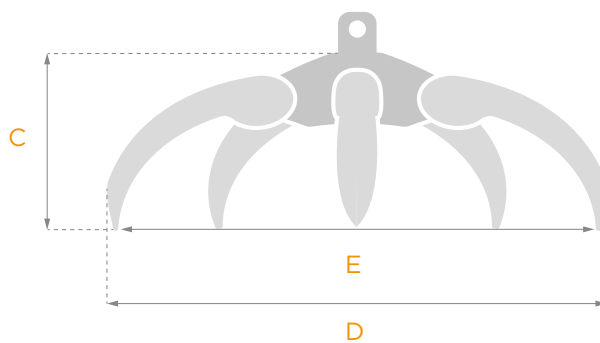
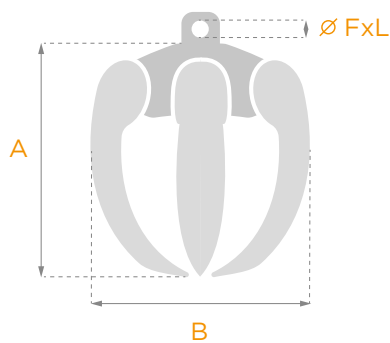
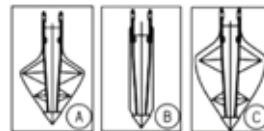
Polipo per escavatore

Polyp-grab with horizontal cylinders for excavator **EN**
 Mehrschalengreifer fmit liegenden Zylindern für Bagger **DE**

FR Grappin avec vérins horizontaux pour pelle
ES Pulpo con cilindros horizontales para excavadora

STANDARD

Tipologia foglia
 Tine type



Modello Type	Denti Teeth	Cap. L	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton	A	B	C	D	E	FxL
POT 405/5 P	5	400	5000	800	250	13 - 18	1020	1250	760	2010	1250	50x100
POT 415/6 P	6	400	5000	890	250	13 - 20	1020	1250	760	2010	1250	50x100
POT 505/5 P	5	500	5000	815	250	15 - 22	1050	1300	780	2080	1300	50x100
POT 515/6 P	6	500	5000	910	250	15 - 22	1050	1300	780	2080	1300	50x100
POT 605/5 P	5	600	5000	830	250	18 - 26	1090	1350	815	2165	1350	50x100
POT 615/6 P	6	600	5000	930	250	18 - 26	1090	1350	815	2165	1350	50x100
POT 805/5 P	5	800	6000	1150	250	25 - 35	1180	1450	880	2330	1450	50x100
POT 815/6 P	6	800	6000	1260	250	25 - 35	1180	1450	880	2330	1450	50x100

IT

EN

Le benne bivalve a cilindri orizzontali serie BOTLM, sono ideali per carico e scarico di materiali alla rinfusa, ed è utilizzata anche per caricare cippato.

BOTLM

The clamshell buckets with horizontal cylinder series BOTLM are ideals for loading and unloading bulk different materials and are used also for woodchips.

La gamma BOTLMR è molto simile alla BOTLM, la differenza sta nelle pareti amovibili, si possono montare e smontare avvitando dei semplicissimi bulloni... è richiestissima per movimentare rifiuti e per la manutenzione di spazi verdi.

BOTLMR

The BOTLMR series is very similar to the BOTLM, the difference consists in the removable side-walls, that can be taken on and off very easily just with some bolts, we receive a lots of requests for those from who needs to loading waste and for green areas maintenance.

I modelli BOTL sono benne bivalve a cilindro orizzontale con una grande apertura e capacità elevata, ideali per le aziende che lavorano tutti i giorni in modo intensivo. Le lame sono in acciaio anti usura e sono già predisposte per montare denti a richiesta.

BOTL

Models BOTL are clamshell buckets with horizontal cylinder with a large opening and big capacity, ideals for factories that use it every day in a heavy way. Blades are made of steel in wear-resistant material and are already set up for teeth to be mounted on request.

Benne

Clamshell Buckets



La **benna idraulica** è un'attrezzatura di presa costituita da 2 valve a movimento sincronizzato, azionate da un cilindro oleodinamico.

Queste attrezzature vengono montate su gru da camion oppure fisse, caricatori forestali, su mini pale telescopiche articolate, su escavatori gommati o cingolati, semoventi, o caricatori pieghevoli.

IT

EN

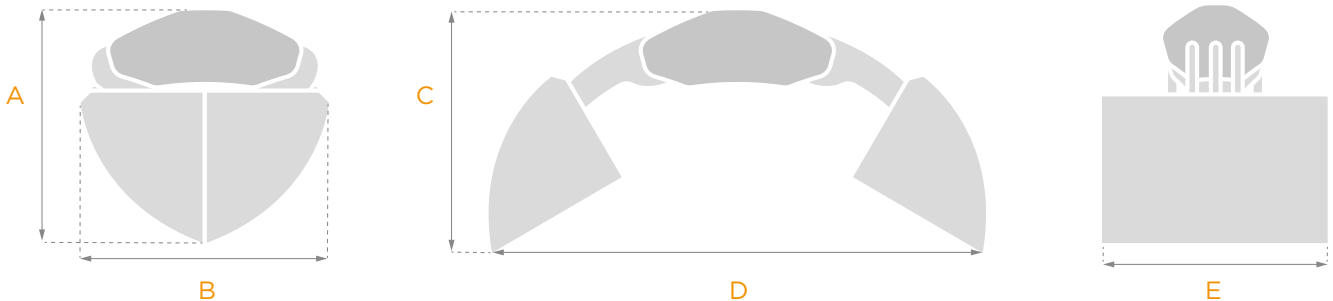
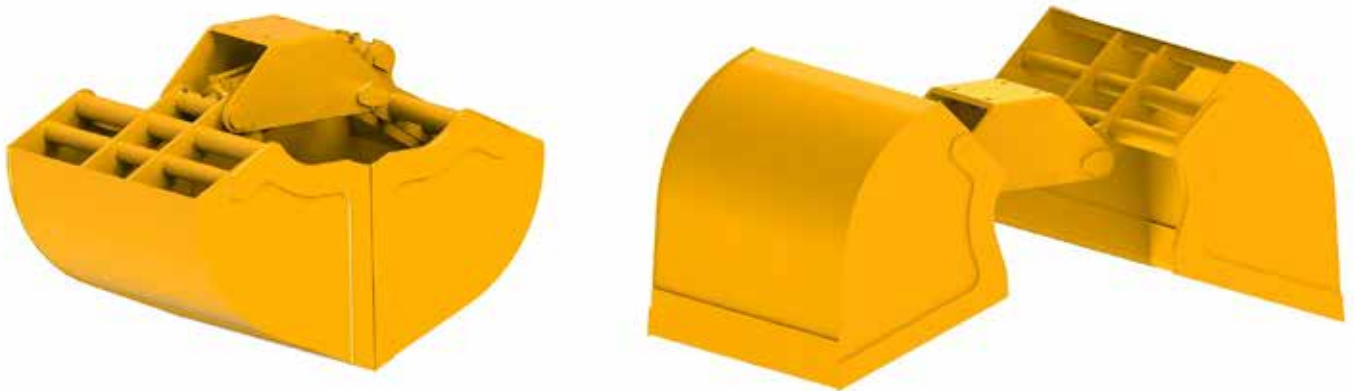
The **hydraulic clamshell** bucket is an equipment composed of two synchronized shells, moved by a hydraulic cylinder.

Our hydraulic clamshell buckets are mounted on truck or fixed cranes, forestry cranes, on mini telescopic articulated loaders, on wheels or crawler excavators, self-propelled excavators.

BOTL M

Benna **bivalve** per carico/scarico di **materiali diversi**

Clamshell bucket for different materials **EN** | **FR** Benne preneuse pour matériaux différents
Zweischalengreifer für verschiedene Materialien **DE** | **ES** Cuchara bivalva para materiales diversos



Modello Type	Cap. L	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton	A	B	C	D	E
BOTL M 35	35	100	32	200	0,8 - 1,0	357	456	304	624	305
BOTL M 50	50	150	52	200	0,8 - 1,2	492	626	390	894	330
BOTL M 91	90	200	85	200	1,0 - 1,5	605	770	480	1100	350
BOTL M 125	125	250	134	200	1,2 - 1,7	660	840	523	1200	450
BOTL M 155	155	350	143	200	1,2 - 2,0	660	840	523	1200	550
BOTL M 175	175	350	152	200	1,5 - 2,2	660	840	523	1200	650
BOTL M 205	205	450	161	200	1,8 - 2,5	660	840	523	1200	750
BOTL M 225	225	450	170	200	1,8 - 3,0	660	840	523	1200	850
BOTL M 320	320	700	208	200	2,5 - 3,5	780	1040	565	1430	800
BOTL M 360	360	700	220	200	2,5 - 4,0	780	1040	565	1430	900
BOTL M 400	400	700	232	200	3,0 - 5,0	780	1040	565	1430	1000
BOTL M 500	520	1000	315	200	4,0 - 7,0	905	1200	660	1640	1000
BOTL M 600	620	1000	343	200	4,0 - 7,0	905	1200	660	1640	1200

BOTL MR

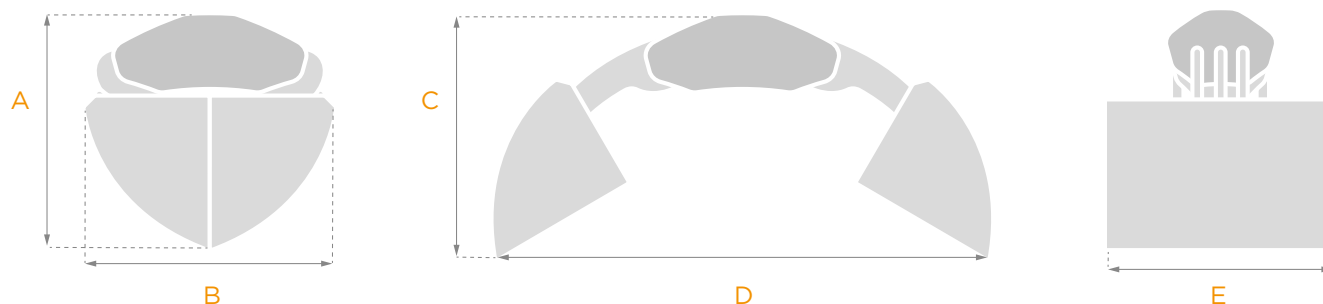
Benna **bivalve** per per **rifiuti** e manutenzione **spazi verdi**

Clamshell bucket for waste and green spaces maintenance **EN**
Zweischalengreifer für Müll und Grünflächenunterhaltung **DE**

FR Benne preneuse pour déchets et l'entretien d'espaces verts
ES Cuchara para desperdicios y mantenimiento de espacios verdes

SU RICHIESTA: Pareti amovibili **IT**

EN ON DEMAND: Removable side-walls

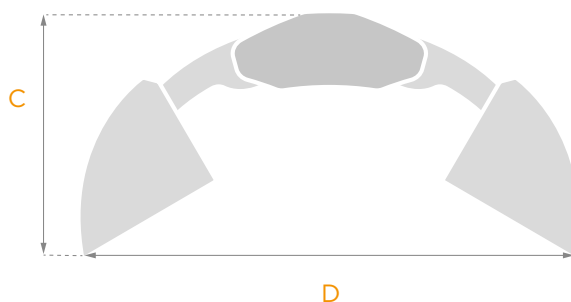
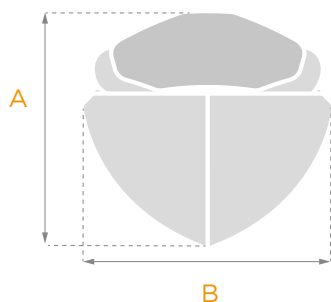


Modello Type	Cap. L	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton	A	B	C	D	E
BOTL MR 35	35	100	32	200	0,8 - 1,0	357	456	304	624	305
BOTL MR 50	50	150	52	200	0,8 - 1,2	492	626	390	894	330
BOTL MR 91	90	200	85	200	1,0 - 1,5	605	770	480	1100	350
BOTL MR 125	125	250	134	200	1,2 - 1,7	660	840	523	1200	450
BOTL MR 155	155	350	143	200	1,2 - 2,0	660	840	523	1200	550
BOTL MR 175	175	350	152	200	1,5 - 2,2	660	840	523	1200	650
BOTL MR 205	205	450	161	200	1,8 - 2,5	660	840	523	1200	750
BOTL MR 225	225	450	170	200	1,8 - 3,0	660	840	523	1200	850
BOTL MR 320	320	700	208	200	2,5 - 3,5	780	1040	565	1430	800
BOTL MR 360	360	700	220	200	2,5 - 4,0	780	1040	565	1430	900
BOTL MR 400	400	700	232	200	3,0 - 5,0	780	1040	565	1430	1000
BOTL MR 500	520	1000	315	200	4,0 - 7,0	905	1200	660	1640	1000
BOTL MR 600	620	1000	343	200	4,0 - 7,0	905	1200	660	1640	1200

BOT L

Benna **bivalve** grande capacità/apertura per **materiali differenti**

Clamshell bucket large opening/capacity for different materials **EN** | **FR** Benne preneuse grande ouverture/capacité plusieurs matériaux
 Clamshell-Eimer mit großer Breite und Öffnung **DE** | **ES** Cuchara bivalva gran apertura/capacidad para
 für verschiedene Materialien | materiales diversos



Modello Type	Cap. L	Portata Kg Load	Peso Kg Weight	Max Bar	 Ton	A	B	C	D	E
BOT L 150	150	1000	260	200	4,0 - 7,0	900	1206	620	1830	360
BOT L 210	220	1000	269	200	4,0 - 7,0	900	1206	620	1830	430
BOT L 300	300	1300	287	200	4,0 - 7,0	900	1206	620	1830	630
BOT L 400	400	1300	296	200	4,0 - 7,0	900	1206	620	1830	730
BOT L 450	460	1300	305	200	4,0 - 7,0	900	1206	620	1830	830
BOT L 590	580	1300	323	200	4,0 - 8,0	900	1206	620	1830	1030

Forche Forks



La forca idraulica bivalve è un'attrezzatura di presa costituita da 2 valve a movimento sincronizzato, azionate da un cilindro oleodinamico. I cilindri idraulici possono essere orizzontali o verticali. Le forche possono essere montate su gru da camion oppure fisse, su trattori agricoli, sulle mini pale telescopiche articolate, su escavatori gommati o cingolati e semoventi.

IT

EN

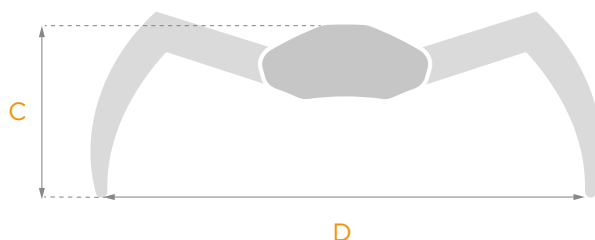
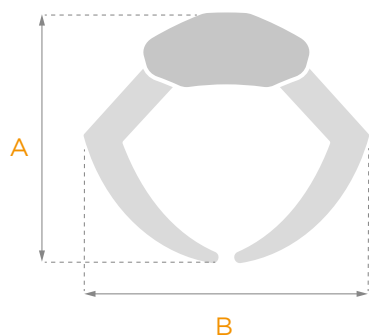
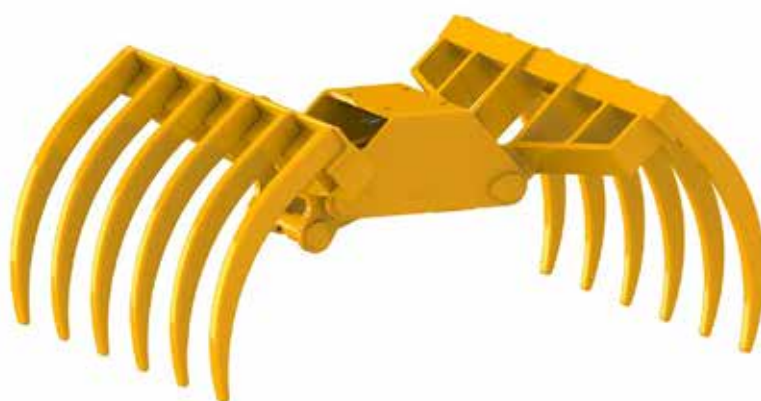
Forks are equipment made with two valves with synchronized movements, actuated by a oleo-dynamic cylinder. These hydraulic pistons can be horizontal or vertical. Forks can be mounted on truck cranes or fixed, on agricultural tractors, on mini telescopic articulated loaders, on wheels or crawler excavators, self-propelled excavator.

FOTB / FOTB L

Forca a cilindro orizzontale per lavori agricoli

Grab with horizontal cylinder for agricultural works **EN**
 Mistgreifer mit liegendem Zylinder für
 die landwirtschaftliche Arbeit **DE**

FR Fourche à vérin horizontal pour les travaux agricoles
ES Horquilla con cilindro horizontal para el trabajo agrícola



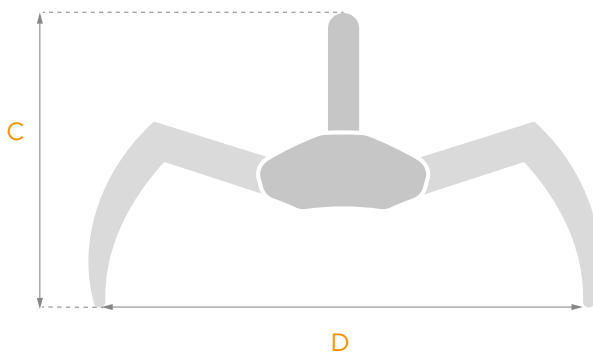
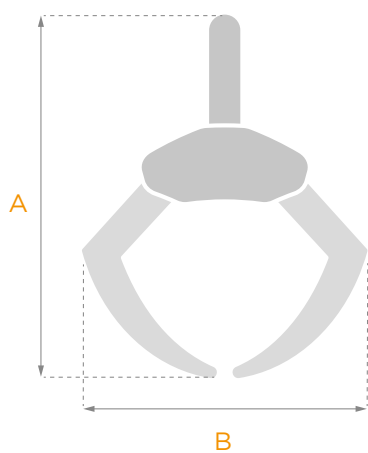
Modello Type	Denti Teeth	Peso Kg Weight	Max Bar	 Ton	A	B	C	D	E
FOTB 6	6	110	250	2,0 - 3,0	870	1070	670	1710	1580
FOTB 8	8	130	250	3,0 - 4,0	870	1070	670	1710	1580
FOTB 10	10	145	250	3,0 - 7,0	870	1070	670	1710	1580
FOTB 12	12	165	250	4,0 - 8,0	870	1070	670	1710	1580
FOTB 14	14	185	250	5,0 - 9,0	870	1070	670	1710	1580
FOTB 16	16	205	250	6,0 - 10,0	870	1070	670	1710	1580
FOTB L 8	8	90	200	1,2 - 1,8	870	1070	670	1710	1580
FOTB L 10	10	97	200	1,5 - 2,2	870	1070	670	1710	1580
FOTB L 12	12	110	200	1,8 - 2,5	870	1070	670	1710	1580

L = Serie Leggera / Light Serie

FVTB

Forca a cilindro verticale per lavori agricoli

Grab with vertical cylinder for agricultural works **EN** | **FR** Fourche à vérin vertical pour les travaux agricoles
 Mistgreifer mit senkrechtem Zylinder für die landwirtschaftliche Arbeit **DE** | **ES** Horquilla con cilindro vertical para el trabajo agrícola

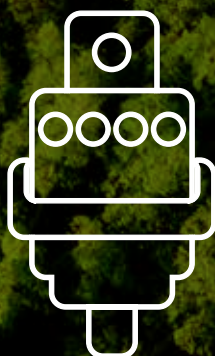


Modello Type	Denti Teeth	Peso Kg Weight	Max Bar	 Ton	A	B	C	D	E
FVTB 6	6	140	250	2,0 - 3,0	1200	1000	1000	1200	400
FVTB 8	8	155	250	3,0 - 4,0	1200	1000	1000	1200	500
FVTB 10	10	170	250	3,0 - 7,0	1200	1000	1000	1200	650
FVTB 12	12	185	250	4,0 - 8,0	1200	1000	1000	1200	800
FVTB 14	14	200	250	5,0 - 9,0	1200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





Rotatori *Rotators*



La gamma dei rotori **Baltrotors** annovera più di **100 modelli**.

La produzione prevede l'utilizzo di oltre 900 strumenti di misurazione per garantire la massima qualità del prodotto finale e ogni singolo rotore viene **testato** prima di essere consegnato.

Per garantire un alto livello di servizio, lo stock dell' **MHS HIDRAULIC**, conta sempre circa 350 pezzi in **pronta consegna**.

IT

EN

The **Baltrotors** rotor range includes more than **100 models**.

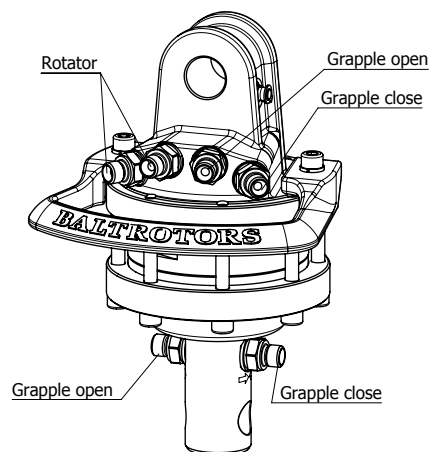
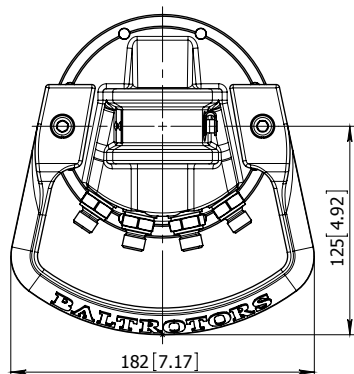
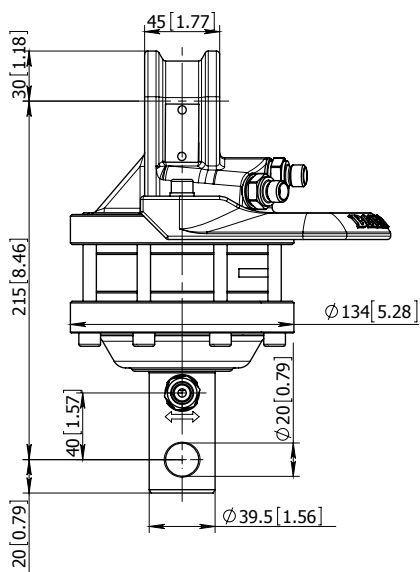
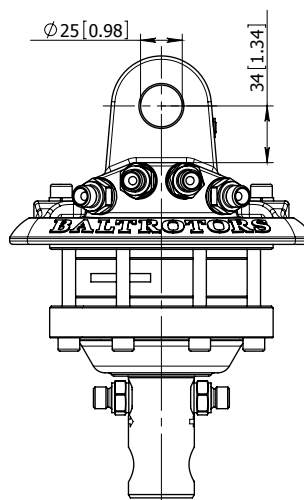
The production involves the use of over 900 measuring instruments to ensure the highest quality of the final product and each individual rotor is **tested** before being delivered.

To ensure a high level of service, the stock of **MHS HIDRAULIC** always has around 350 pieces **ready for delivery**.

GR10

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



Informazioni Tecniche 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 (332)
Rec oilflow, l/min (US gallon)	10 (2.6)
Weignt, kg (lb)	10 (22)

Massima pressione di lavoro Max working pressure

Rotator $\leftarrow R \rightarrow$	Max 25 MPa (3625 psi)
Grapple / Tool Open $\leftarrow G \rightarrow$	Max 20 MPa (2900 psi)
Grapple / Tool Close $\rightarrow G \leftarrow$	Max 25 MPa (4350 psi)

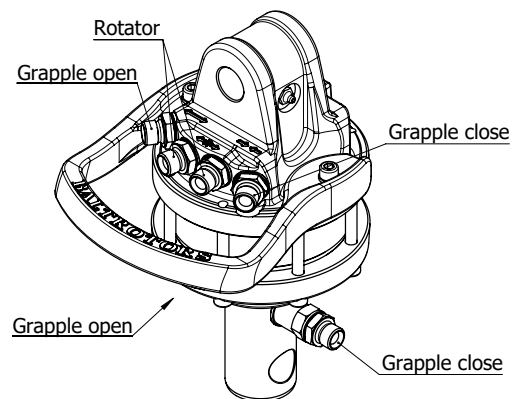
Connessione Connection

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

BALROTORS®

Rotatore

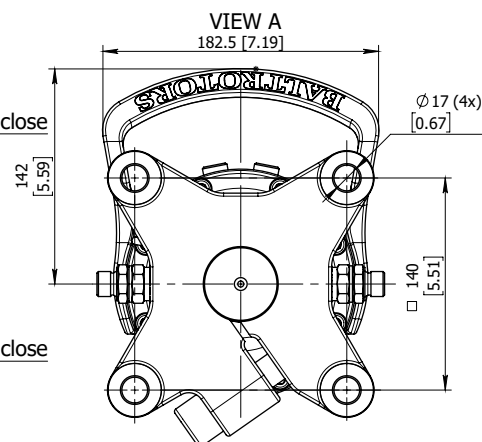
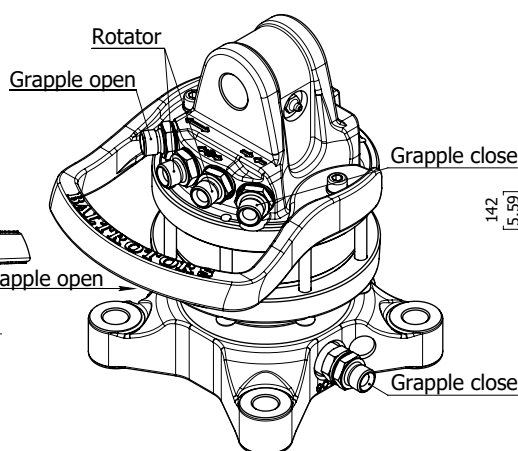
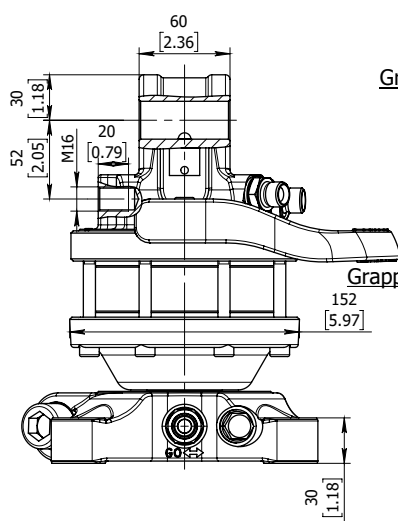
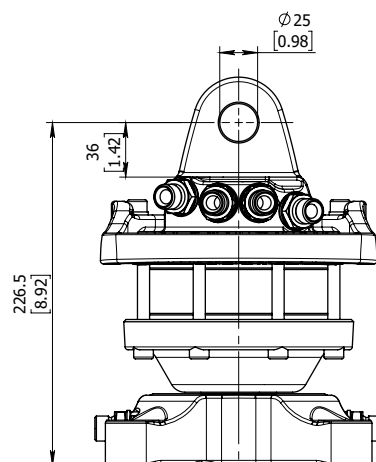
<i>Rotator</i> EN	FR <i>Rotateur</i>
<i>Rotator</i> DE	ES <i>Rotadore</i>


BALTROTORS®

GR30PF

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



Informazioni Tecniche 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)	1000 (738)
Rec oilflow, l/min (US gallon)	20 (5.3)
Weight, kg (lb)	20 (44)

Massima pressione di lavoro Max working pressure

Rotator $\leftarrow R \rightarrow$	Max 25 MPa (3625 psi)
Grapple / Tool Open $\leftarrow G \rightarrow$	Max 20 MPa (2900 psi)
Grapple / Tool Close $\rightarrow G \leftarrow$	Max 30 MPa (4350 psi)

Connessione Connection

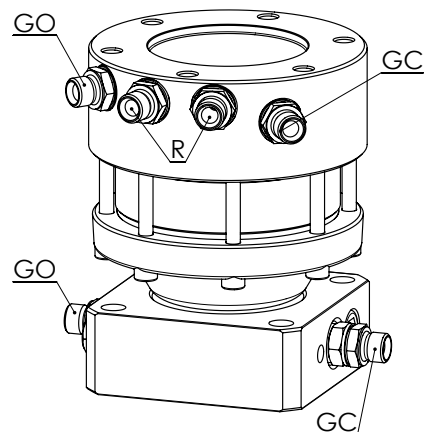
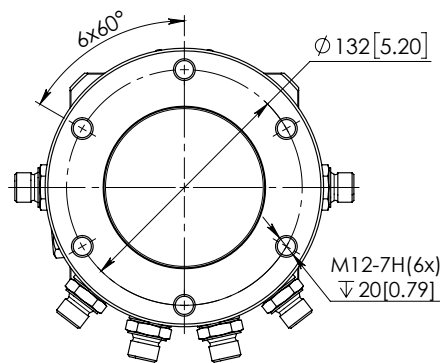
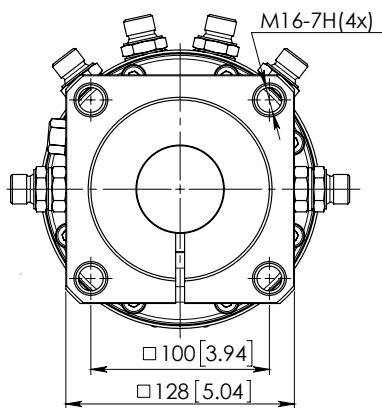
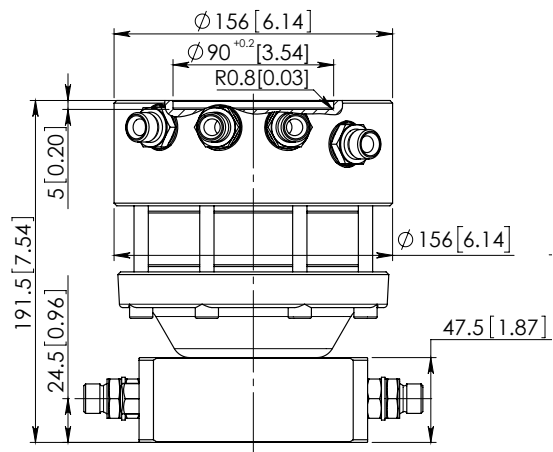
G 3/8
G 3/8
G 3/8



GR30FF

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



Informazioni Tecniche 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)	1000 (738)
Rec oilflow, l/min (US gallon)	20 (5.3)
Weight, kg (lb)	20 (43)

Massima pressione di lavoro Max working pressure

Rotator $\leftarrow R \rightarrow$	Max 25 MPa (3625 psi)
Grapple / Tool Open $\leftarrow G \rightarrow$	Max 20 MPa (2900 psi)
Grapple / Tool Close $\rightarrow G \leftarrow$	Max 30 MPa (4350 psi)

Connessione Connection

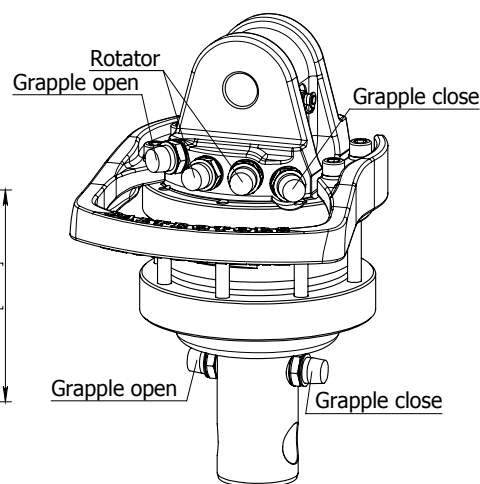
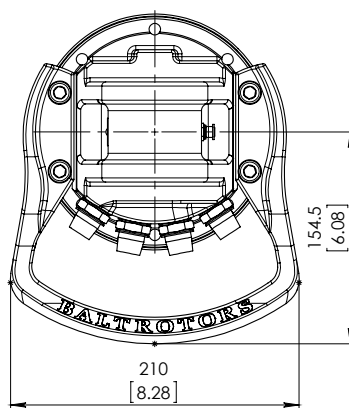
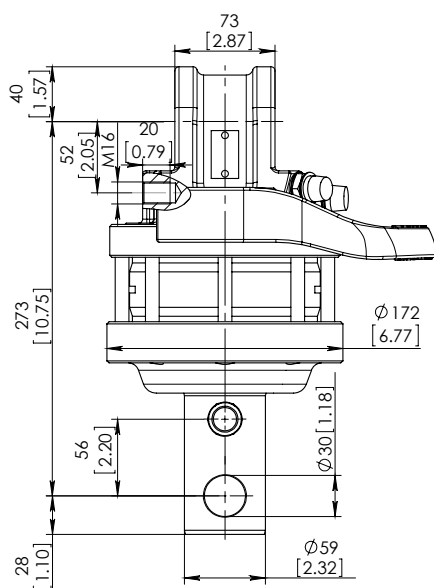
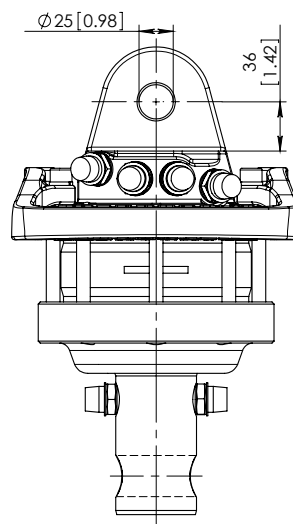
G 3/8
G 3/8
G 3/8

BALTROTORS®

GR46-01

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



Informazioni Tecniche 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)

Massima pressione di lavoro 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)

Connessione Connection

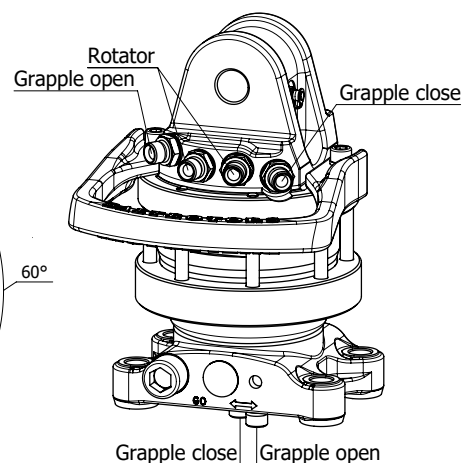
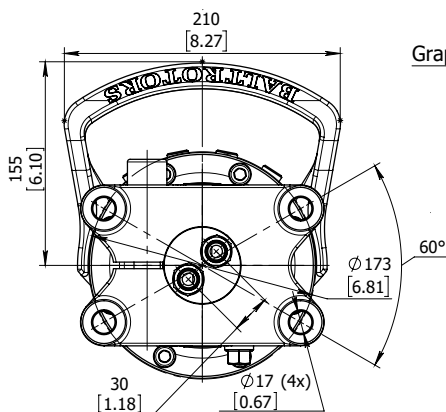
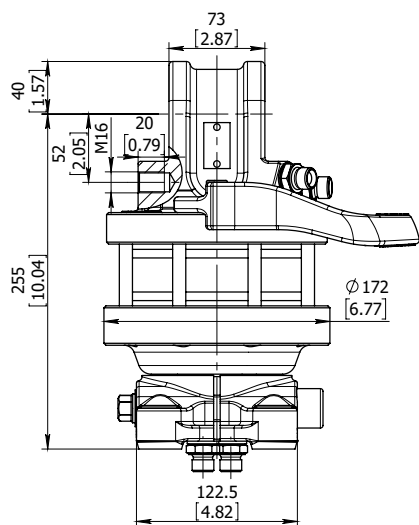
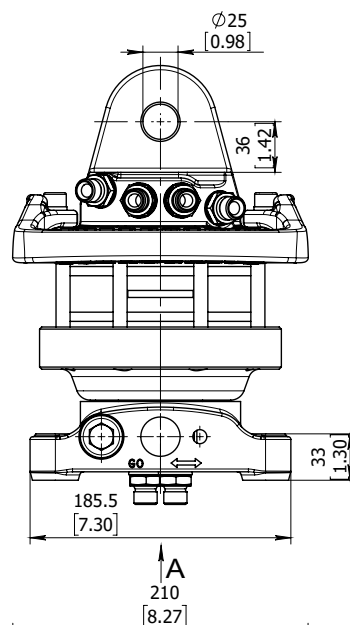
G 3/8
G 3/8
G 3/8



GR463

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



Informazioni Tecniche 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)	27 (61)

Massima pressione di lavoro Max working pressure

Rotator $\leftarrow R \rightarrow$	Max 25 MPa (3625 psi)
Grapple / Tool Open $\leftarrow G \rightarrow$	Max 20 MPa (2900 psi)
Grapple / Tool Close $\rightarrow G \leftarrow$	Max 30 MPa (4350 psi)

Connessione Connection

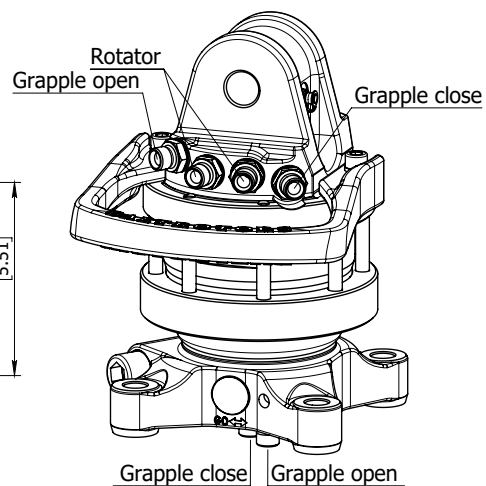
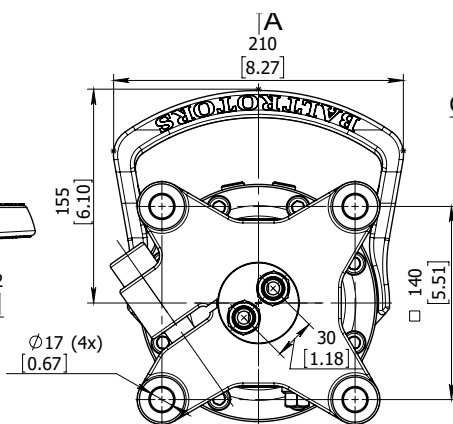
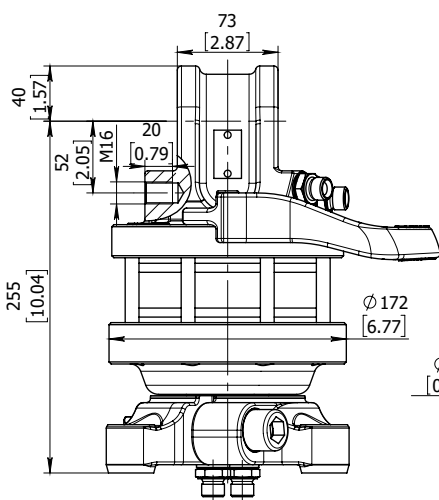
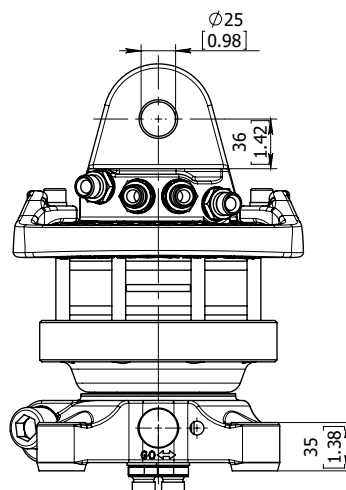
G 3/8
G 3/8
G 3/8

BALTROTORS®

GR465

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



Informazioni Tecniche 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)	29 (64)

Massima pressione di lavoro 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)

Connessione Connection

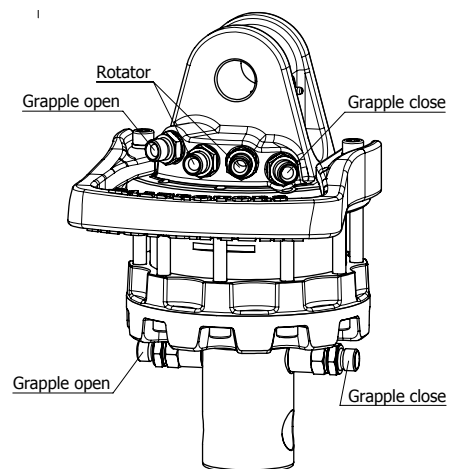
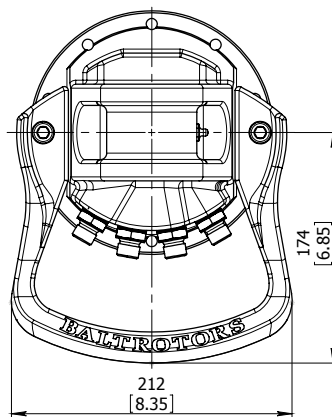
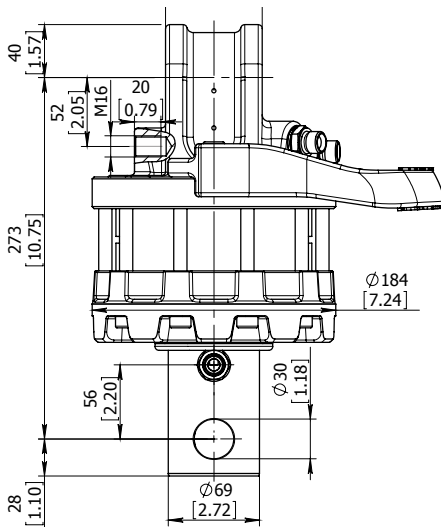
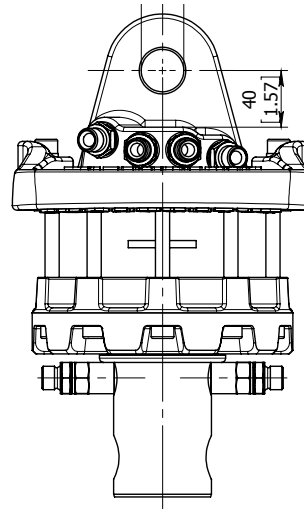
G 3/8
G 3/8
G 3/8

BALTROTORS®

GR55M

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



Informazioni Tecniche 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)	1300 (959)
Rec oilflow, l/min (US gallon)	22 (5.8)
Weight, kg (lb)	29 (64)

Massima pressione di lavoro Max working pressure

Rotator $\leftarrow R \rightarrow$	Max 25 MPa (3625 psi)
Grapple / Tool Open $\leftarrow G \rightarrow$	Max 20 MPa (2900 psi)
Grapple / Tool Close $\rightarrow G \leftarrow$	Max 30 MPa (4350 psi)

Connessione Connection

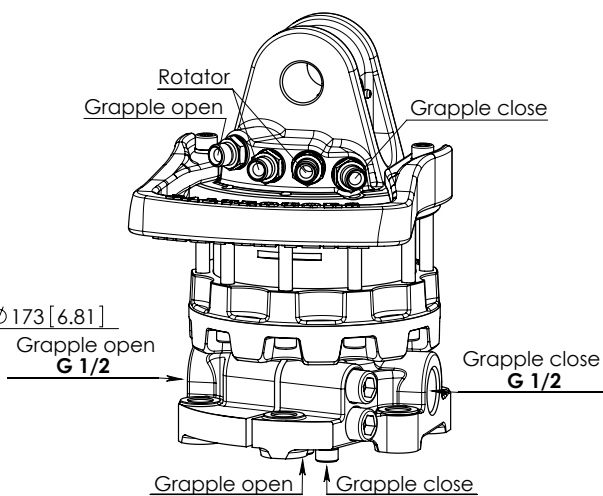
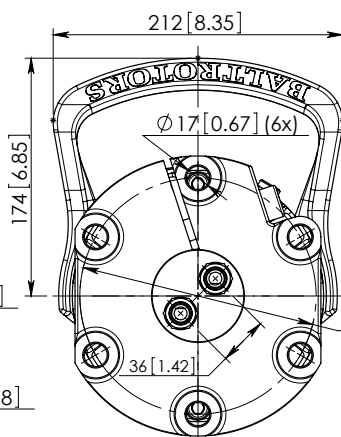
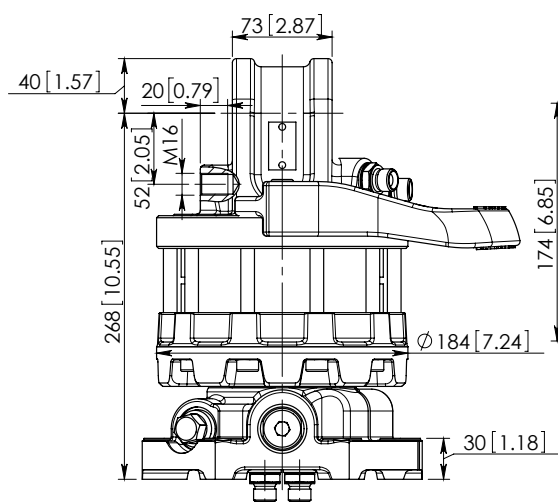
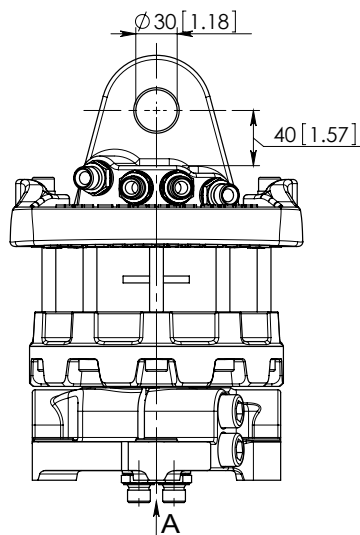
G 3/8
G 3/8
G 3/8

BALTROTORS®

GR55MF

Rotatore

Rotator **EN** | **FR** Rotateur
 Rotator **DE** | **ES** Rotadore



Informazioni Tecniche 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)	1300 (959)
Rec oilflow, l/min (US gallon)	22 (5.8)
Weight, kg (lb)	36 (79)

Massima pressione di lavoro Max working pressure

Rotator $\leftarrow R \rightarrow$	Max 25 MPa (3625 psi)
Grapple / Tool Open $\leftarrow G \rightarrow$	Max 20 MPa (2900 psi)
Grapple / Tool Close $\rightarrow G \leftarrow$	Max 30 MPa (4350 psi)

Connessione Connection

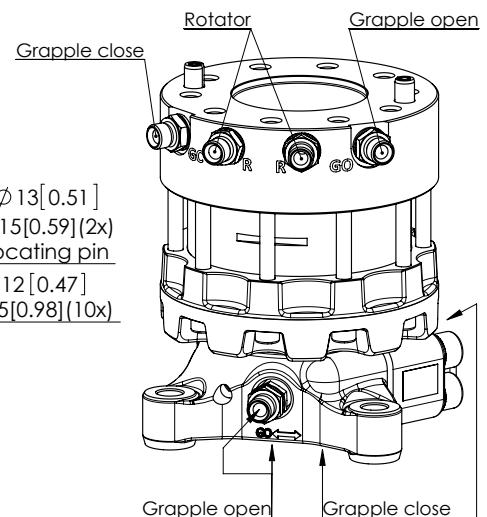
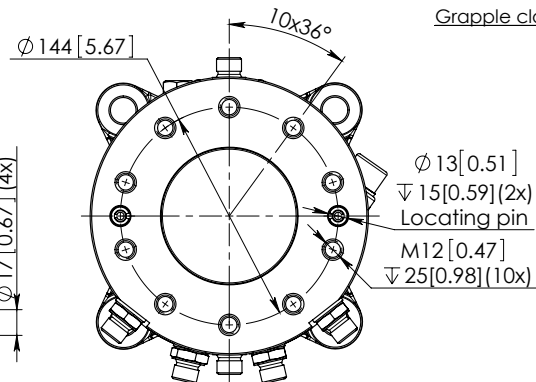
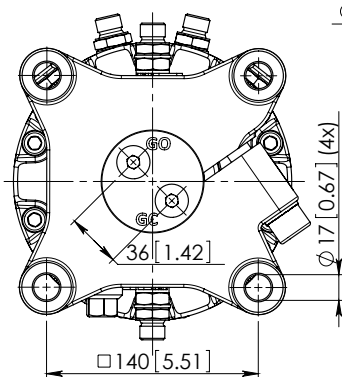
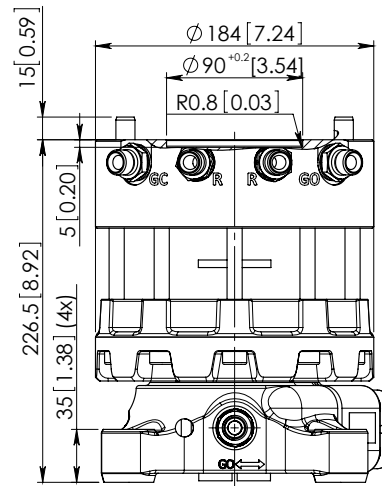
G 3/8
G 3/8
G 3/8



GR55FF

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



Informazioni Tecniche Technical data

Rotation	unlimited
Max axial load static, KN (lbf)	+45 (10116) -34 (7643)
Max axial load dynamic, KN (lbf)	+25 (5620) -17 (3821)
Torque at 25Mpa (3625psi), Nm (lb ft)	1300 (959)
Rec oilflow, l/min (US gallon)	22 (5.8)
Weight, kg (lb)	35 (78)

Massima pressione di lavoro Max working pressure

Rotator ←R→	Max 25 MPa (3625 psi)	G 3/8
Grapple / Tool Open ←G→	Max 20 MPa (2900 psi)	G 3/8
Grapple / Tool Close →G←	Max 30 MPa (4350 psi)	G 3/8

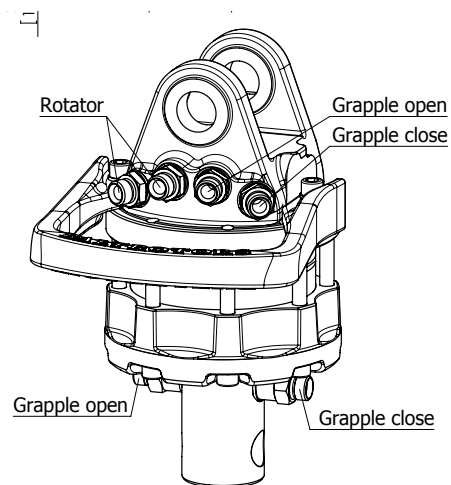
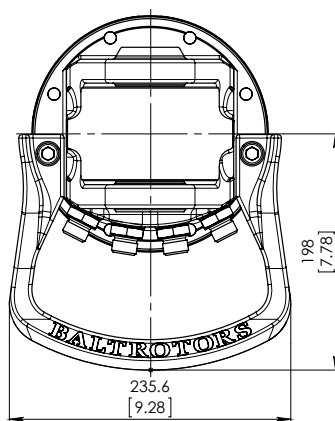
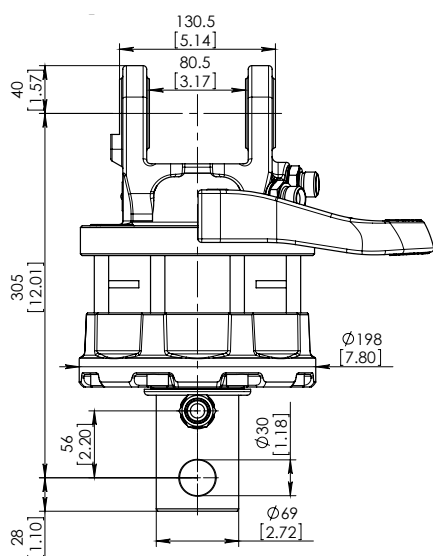
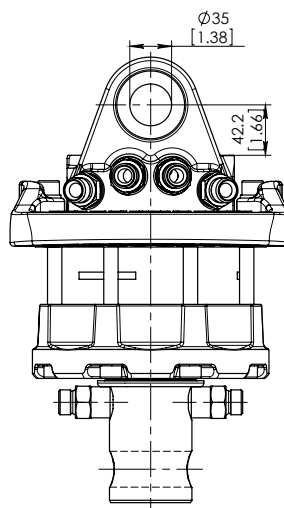
Connessione Connection



GR60/69DB

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



Informazioni Tecniche 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)	38 (83)

Massima pressione di lavoro Max working pressure

Rotator $\leftarrow R \rightarrow$	Max 25 MPa (3625 psi)
Grapple / Tool Open $\leftarrow G \rightarrow$	Max 20 MPa (2900 psi)
Grapple / Tool Close $\rightarrow G \leftarrow$	Max 30 MPa (4350 psi)

Connessione Connection

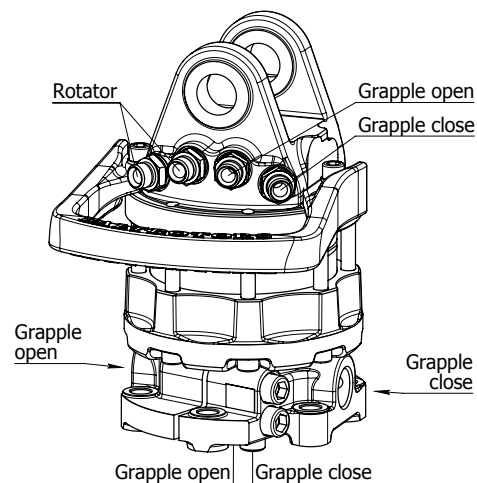
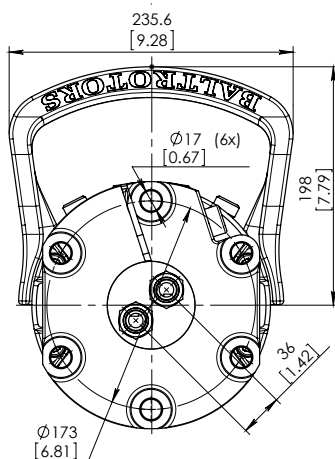
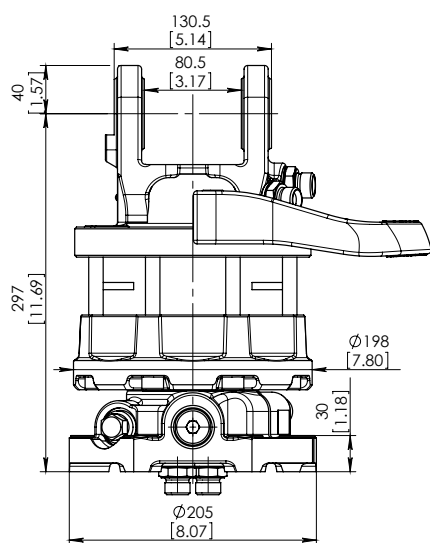
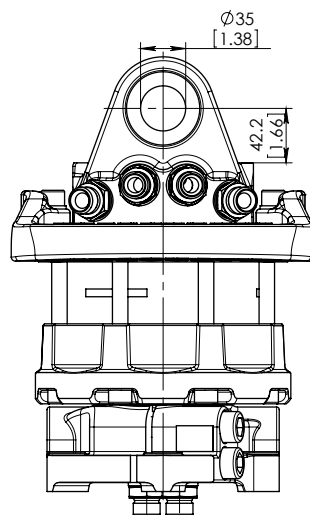
G 1/2
G 1/2
G 1/2

BALTROTORS®

GR603

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



Informazioni Tecniche 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)	1800 (1328)
Rec oilflow, l/min (US gallon)	25 (6.6)
Weight, kg (lb)	45 (99)

Massima pressione di lavoro 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)

Connessione Connection

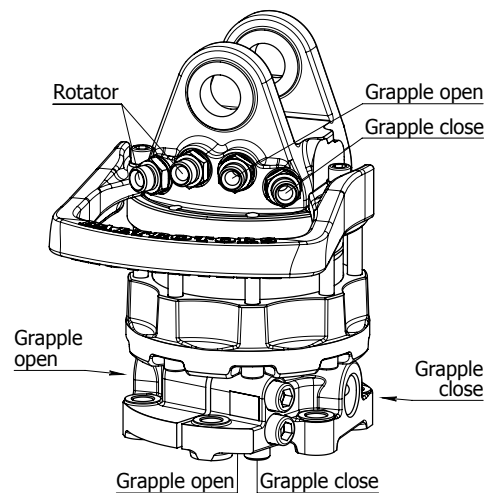
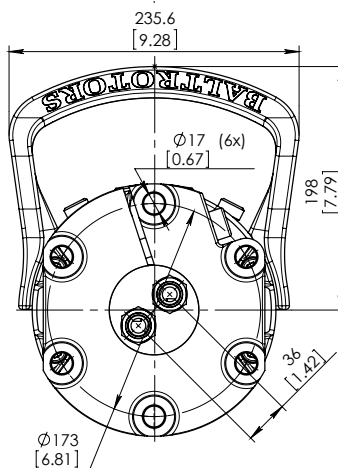
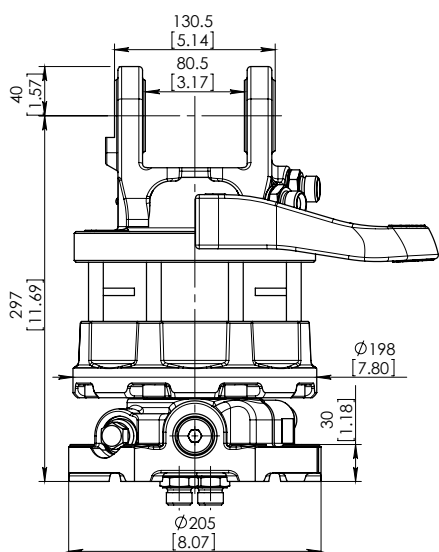
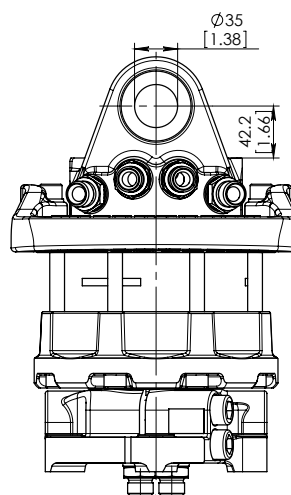
G 1/2
G 1/2
G 1/2



GR603DB

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



Informazioni Tecniche 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)	45 (99)

Massima pressione di lavoro Max working pressure

Rotator $\leftarrow R \rightarrow$	Max 25 MPa (3625 psi)
Grapple / Tool Open $\leftarrow G \rightarrow$	Max 20 MPa (2900 psi)
Grapple / Tool Close $\rightarrow G \leftarrow$	Max 30 MPa (4350 psi)

Connessione Connection

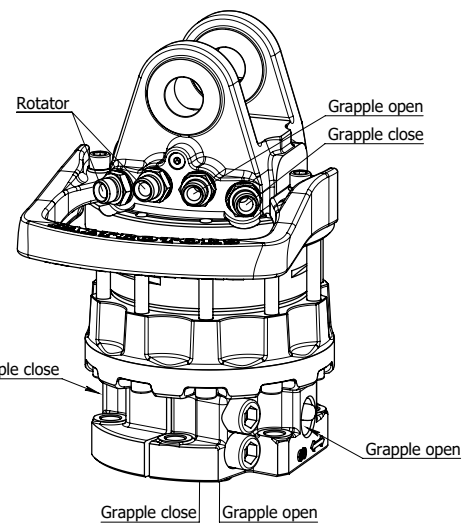
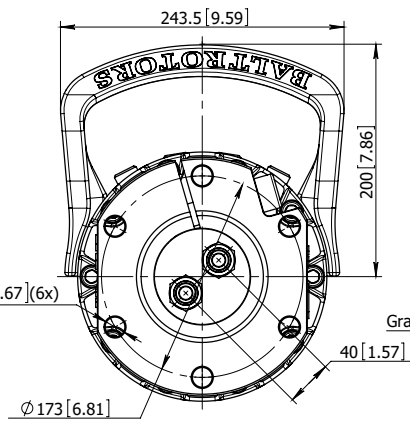
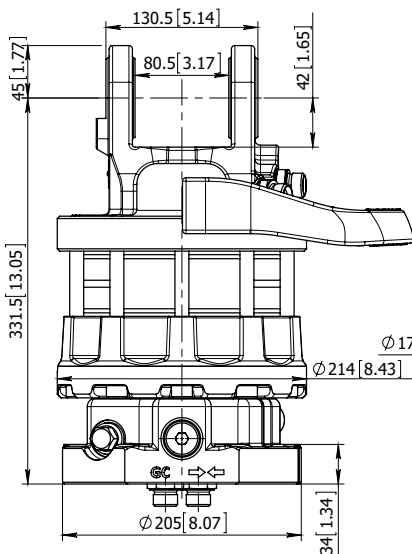
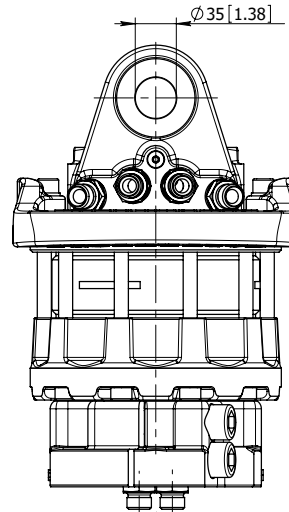
G 1/2
G 1/2
G 1/2



GR104DB

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



Informazioni Tecniche 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)	2500 (1844)
Rec oilflow, l/min (US gallon)	25 (6.6)
Weight, kg (lb)	58 (128)

Massima pressione di lavoro Max working pressure

Rotator $\leftarrow R \rightarrow$	Max 25 MPa (3625 psi)
Grapple / Tool Open $\leftarrow G \rightarrow$	Max 20 MPa (2900 psi)
Grapple / Tool Close $\rightarrow G \leftarrow$	Max 30 MPa (4350 psi)

Connessione Connection

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

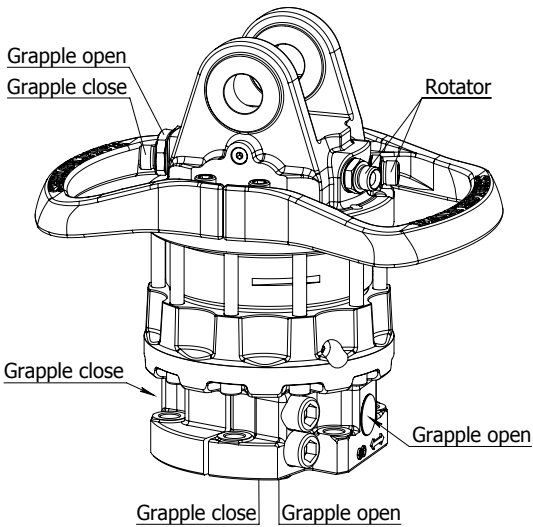
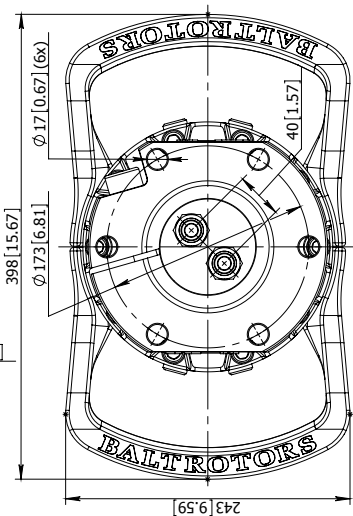
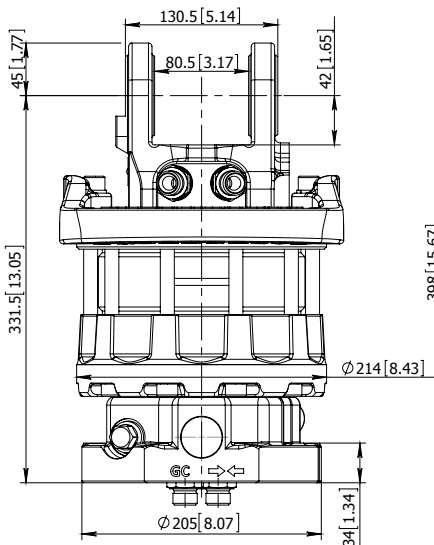
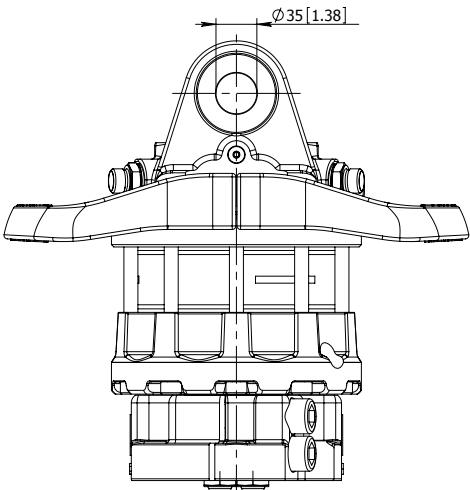




GR105DB

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



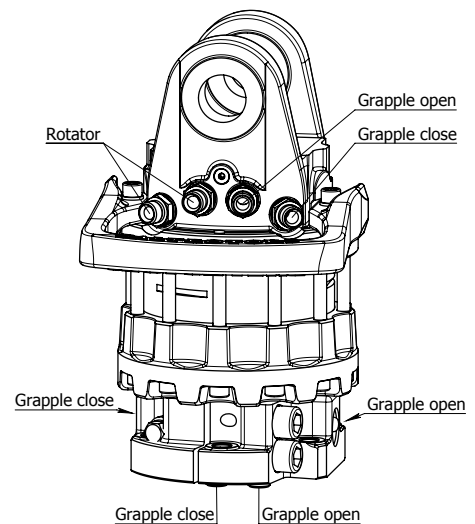
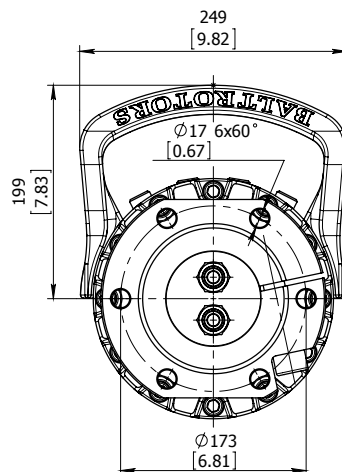
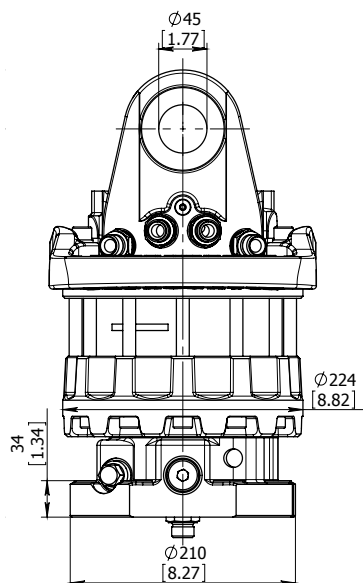
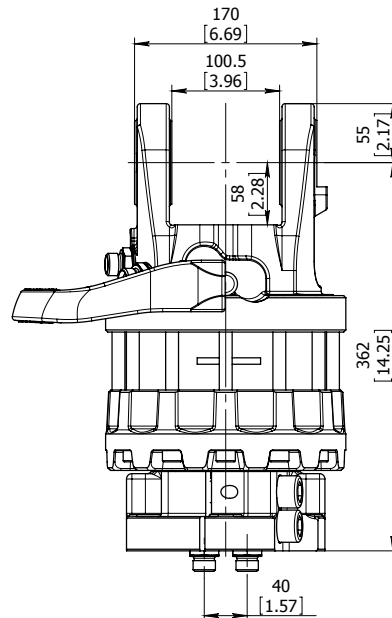
Informazioni Tecniche Technical data		Massima pressione di lavoro Max working pressure		Connessione Connection	
Max axial load dynamic, KN (lbf)		Rotator ←R→		Max 25 MPa (3625 psi)	G 1/2
Torque at 25Mpa (3625psi), Nm (lb ft)		Grapple / Tool Open ←G→		Max 30 MPa (4350 psi)	G 1/2
Rec oilflow, l/min (US gallon)		Grapple / Tool Close →G←		Max 30 MPa (4350 psi)	G 1/2
Weight, kg (lb)					
Max axial load static, KN (lbf)					
Max working pressure:					
Rotator					
Max axial load dynamic, KN (lbf)					
Grapple / Tool open					
Grapple / Tool close					
Torque at 25Mpa (3625psi), Nm (lb ft)					
Rec oilflow, l/min (US gallon)					
Weight, kg (lb)					



GR12S

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



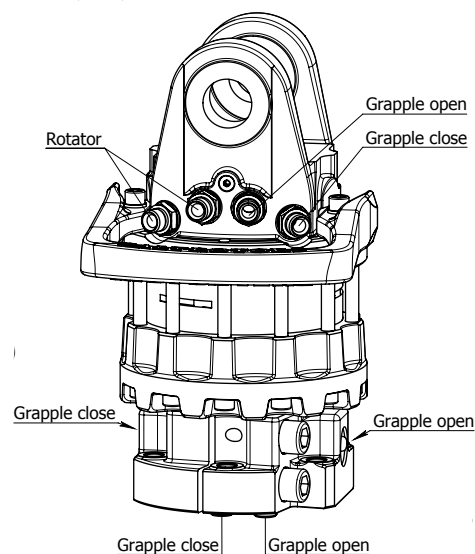
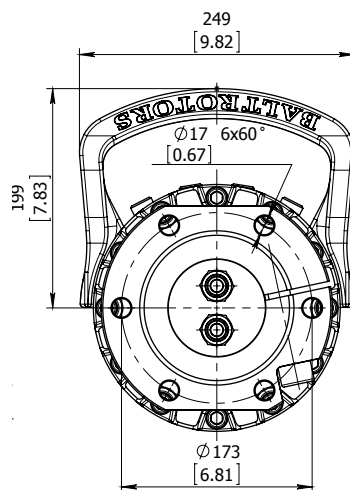
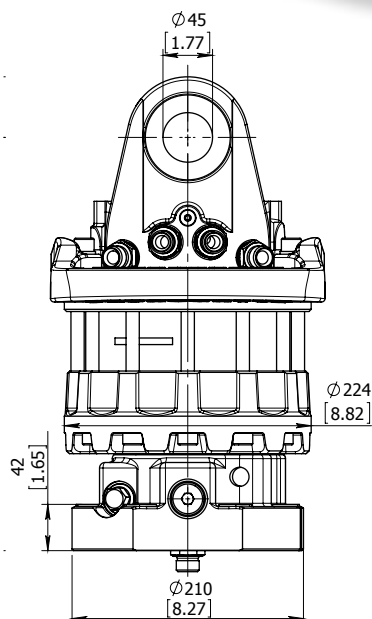
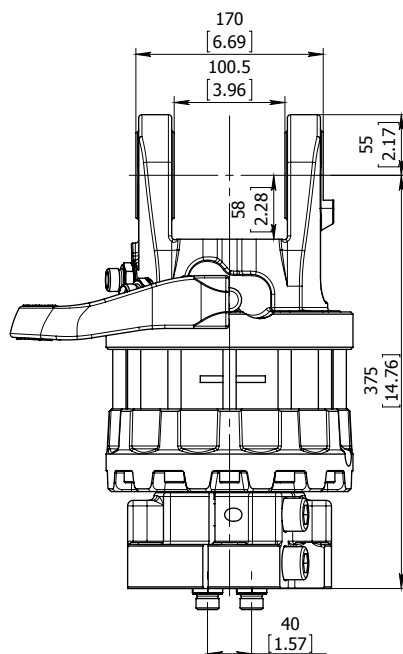
Informazioni Tecniche Technical data		Massima pressione di lavoro Max working pressure		Connessione Connection
Rotation		Rotator ←R→	Max 25 MPa (3625 psi)	G 1/2
Max axial load static, KN (lbf)	+120 (26982)	Grapple / Tool Open ←G→	Max 30 MPa (4350 psi)	G 1/2
	-90 (20236)	Grapple / Tool Close →G←	Max 30 MPa (4350 psi)	G 1/2
Max axial load dynamic, KN (lbf)				
		Rotator	+60 (13491)	
			-45 (10118)	
Torque at 25Mpa (3625psi), Nm (lb ft)				
Rec oilflow, l/min (US gallon)				
Weight, kg (lb)				
Unlimited				

BALTROTORS®

GR16S

Rotatore

Rotator **EN** | **FR** Rotateur
Rotator **DE** | **ES** Rotadore



Informazioni Tecniche 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)	3400 (2500)
Rec oilflow, l/min (US gallon)	40 (10.6)
Weight, kg (lb)	71 (157)

Massima pressione di lavoro Max working pressure

Rotator ←R→	Max 25 MPa (3625 psi)
Grapple / Tool Open ←G→	Max 30 MPa (2900 psi)
Grapple / Tool Close →G←	Max 30 MPa (4350 psi)

Connessione Connection

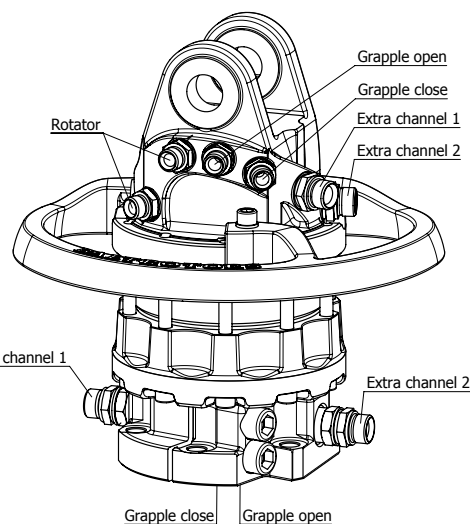
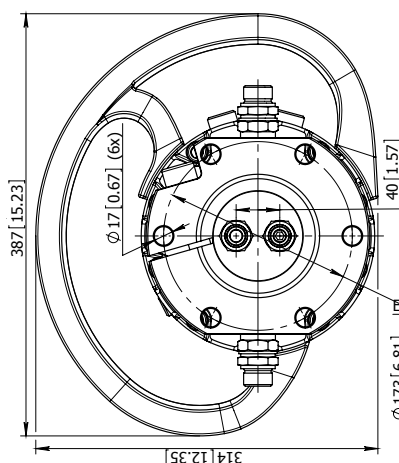
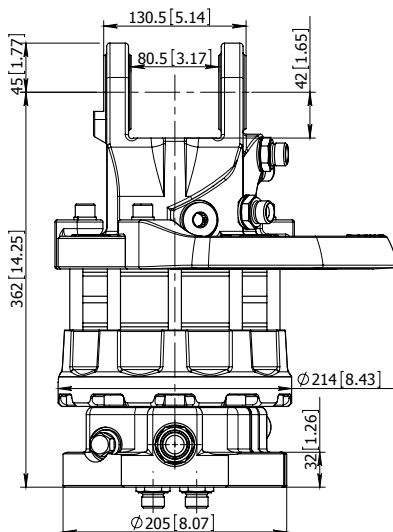
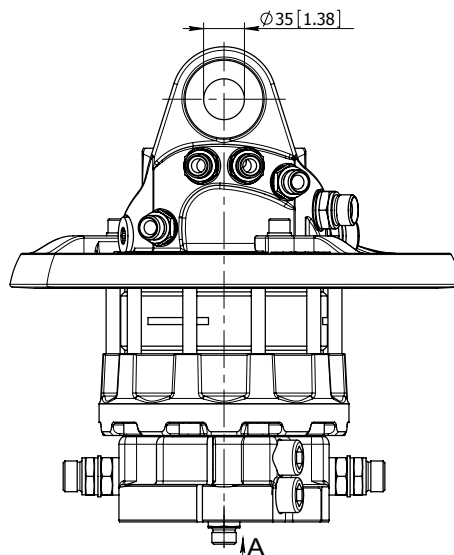
G 1/2
G 1/2
G 1/2



GRS10

Rotatore sei vie

6 channels Rotator **EN** | **FR** Rotateur à six voies
 Sechs-Wege-Rotator **DE** | **ES** Rotadore de seis vías



Informazioni Tecniche 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)	2500 [1844]
Rec oilflow, l/min (US gallon)	25 [6.6]
Weight, kg (lb)	64 [142]

Massima pressione di lavoro Max working pressure

Rotator $\leftarrow R \rightarrow$	Max 25 MPa (3625 psi)
Grapple / Tool Open $\leftarrow G \rightarrow$	Max 20 MPa (2900 psi)
Grapple / Tool Close $\rightarrow G \leftarrow$	Max 30 MPa (4350 psi)
Extra oil function [1] [2]	Max 30 MPa (4350 psi)

Connessione Connection

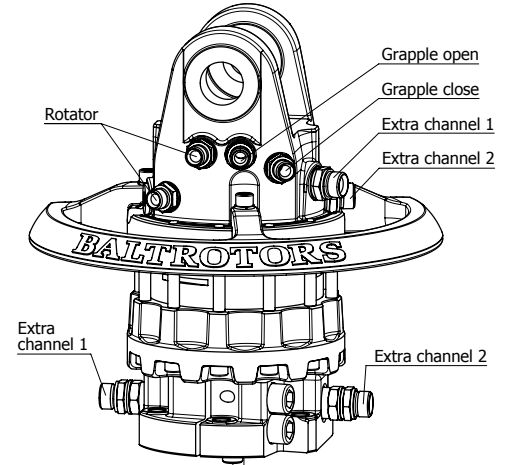
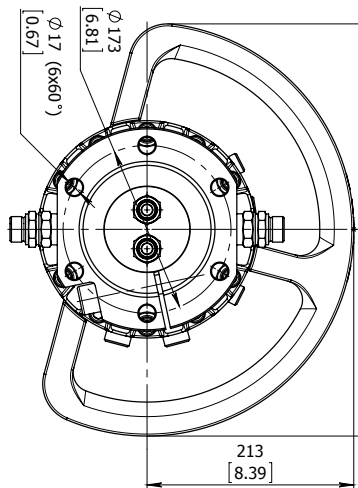
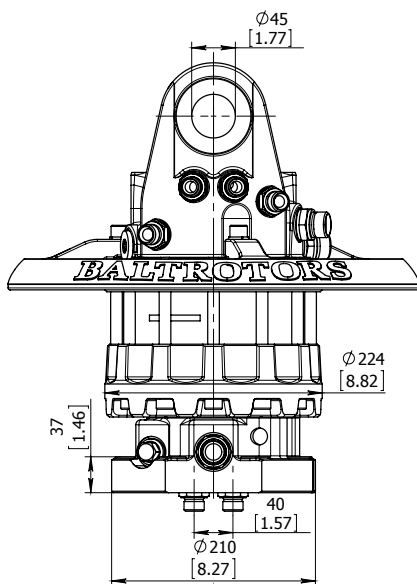
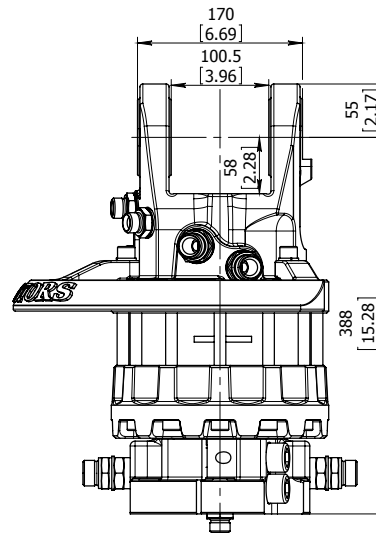
G 1/2
G 1/2
G 1/2
G 3/4



GRS12S

Rotatore sei vie

6 channels Rotator **EN** | **FR** Rotateur à six voies
Sechs-Wege-Rotator **DE** | **ES** Rotadore de seis vías



Informazioni Tecniche 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)	78 (172)

Massima pressione di lavoro Max working pressure

Max 30 MPa (4350 psi) G 1/2	Max 25 MPa (3625 psi)	G 1/2
Max 30 MPa (4350 psi) G 3/4	Max 20 MPa (2900 psi)	G 1/2
Grapple / Tool Open → R →	Max 30 MPa (4350 psi) E	G 1/2
Grapple / Tool Close → G ←	Max 30 MPa (4350 psi) E	G 3/4
Extra oil function [1] [2]		

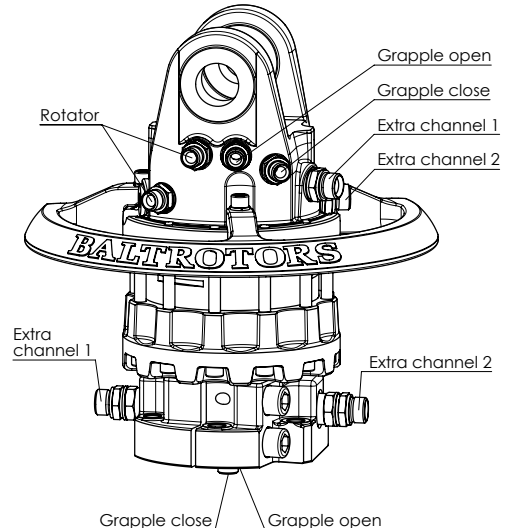
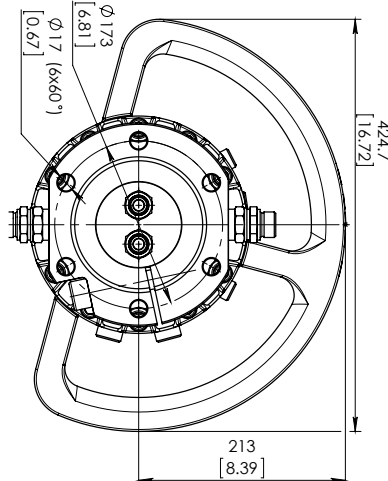
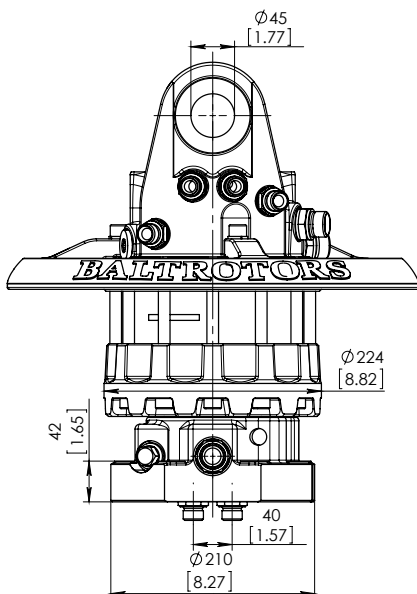
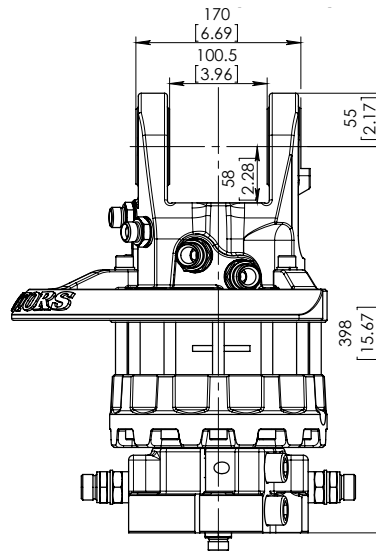
BALTROTORS

Connessione Connection

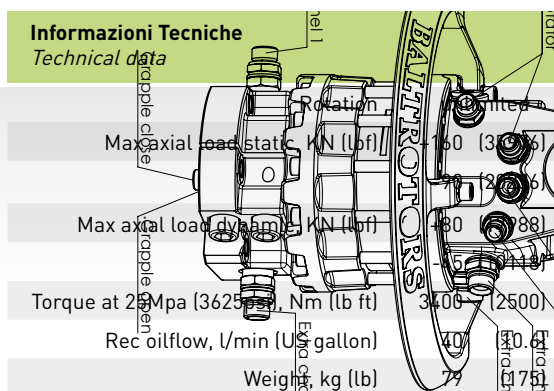
GRS16S

Rotatore sei vie

6 channels Rotator **EN** | **FR** Rotateur à six voies
 Sechs-Wege-Rotator **DE** | **ES** Rotadore de seis vías



Informazioni Tecniche Technical data



Massima pressione di lavoro Max working pressure

Max 30 MPa (4350 psi) G 1/2
 Max 30 MPa (4350 psi) G 3/4
 Grapple / Tool Open → G
 Grapple / Tool Close ← G
 Extra oil function [1] [2]

Max 25 MPa (3625 psi)
 Max 20 MPa (2900 psi)
 Max 30 MPa (4350 psi)
 Max 30 MPa (4350 psi)

Connessione Connection

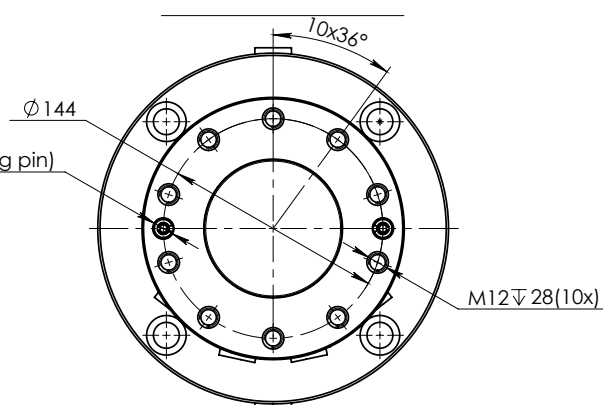
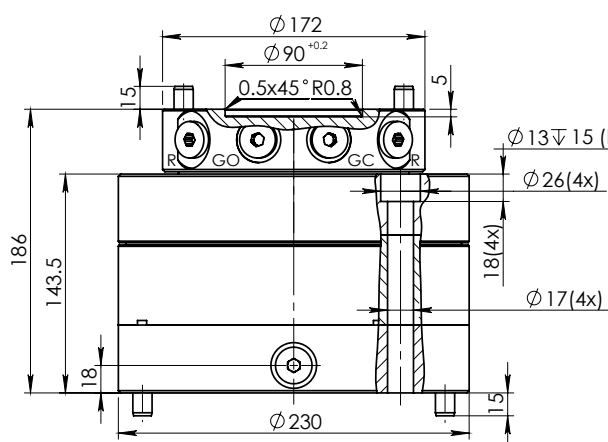
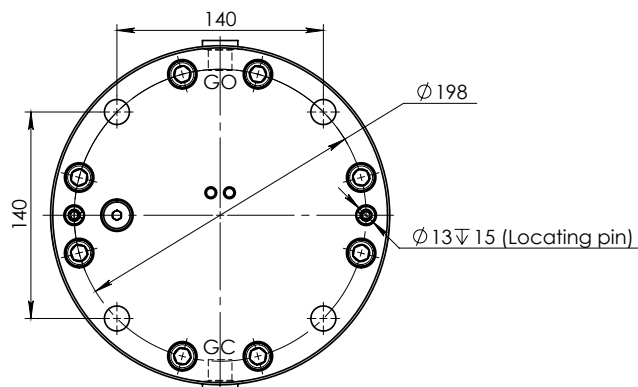
G 1/2
 G 1/2
 G 1/2
 G 3/4

BALROTORS

CPR5

Rotatore industriale

Industrial rotator **EN** | **FR** Rotateur industriel
Industrierotatoren **DE** | **ES** Rotadore industriale



Informazioni Tecniche Technical data

Rotation	unlimited
Max axial load, KN	± 50
Max axial load, KN	36
Torque at 25Mpa (3625psi), Nm	1350
Rated displacement, cm³/rev.	354
Rotation speed, rpm	max 30
Oil duct area for grapple, mm²	95
Weight, kg	46

Massima pressione di lavoro Max working pressure

Rotator ←R→, MPa* (psi)	25 (3625)
Grapple / Tool Open →G→, MPa (psi)	35 (5076)
Grapple / Tool Close →G←, MPa (psi)	35 (5076)

*Valvole di sicurezza installate • Relief valves fitted

Flusso olio Rec oilflow

15 l/min	M 18x1.5
	M 18x1.5
	M 18x1.5

Connessione Connection



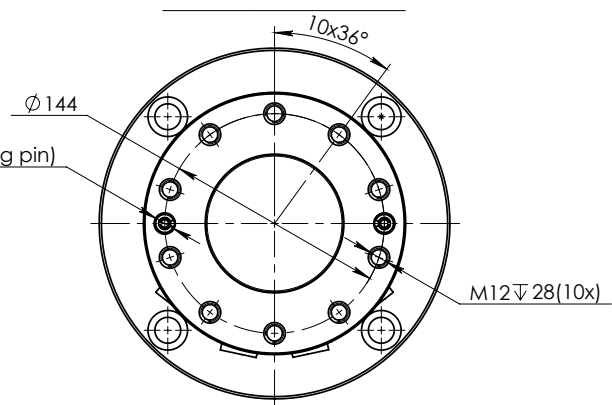
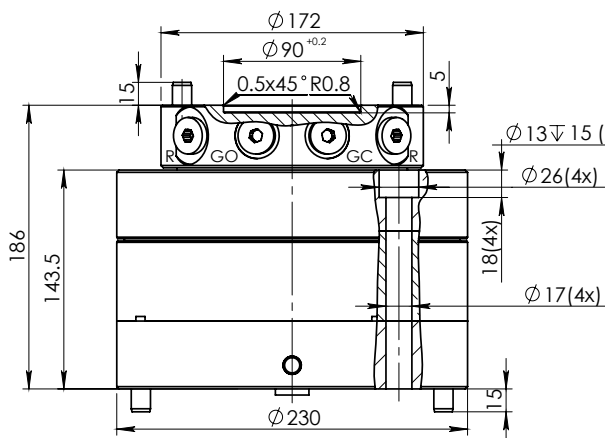
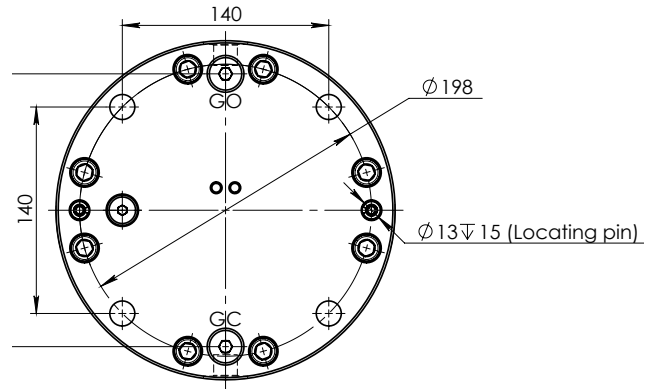
Macchina operatrice (es. peso massimo dell'escavatore)
Operating machine (e.g. excavator max weight)

montaggio con link connected via link	10 t
montaggio rigido rigid mounted	6 t

CPR5-01

Rotatore industriale

Industrial rotator **EN** | **FR** Rotateur industriel
 Industrierotatoren **DE** | **ES** Rotadore industriale



Informazioni Tecniche Technical data	
Rotation	unlimited
Max axial load, KN	± 50
Max axial load, KN	36
Torque at 25Mpa (3625psi), Nm	1350
Rated displacement, cm ³ /rev.	354
Rotation speed, rpm	max 30
Oil duct area for grapple, mm ²	95
Weight, kg	46

Massima pressione di lavoro Max working pressure	Flusso olio Rec oilflow	Connessione Connection
Rotator ←R→ Max 25 MPa* Grapple / Tool Open ←G→ Max 35 MPa	15 l/min	M 18x1.5
Grapple / Tool Close →G← Max 35 MPa		↑ M 18x1.5 - ↓ G 3/8 ↑ M 18x1.5 - ↓ G 3/8

*Valvole di sicurezza installate • Relief valves fitted

BALTROTORS

Macchina operatrice (es. peso massimo dell'escavatore)
 Operating machine (e.g. excavator max weight)

montaggio con link
connected via link 10 t
 montaggio rigido
rigid mounted 6 t

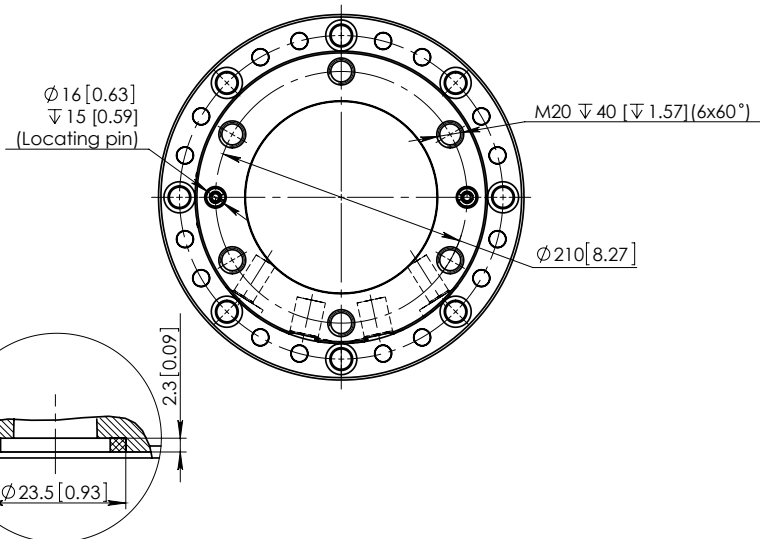
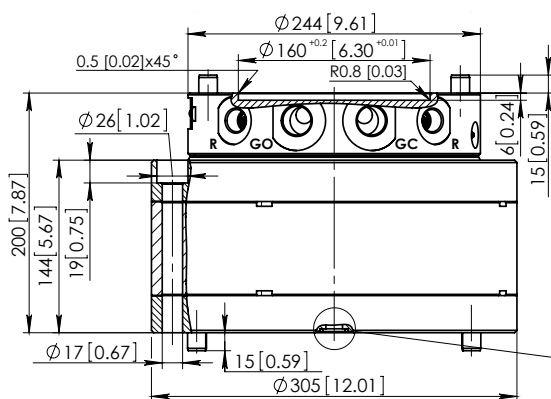
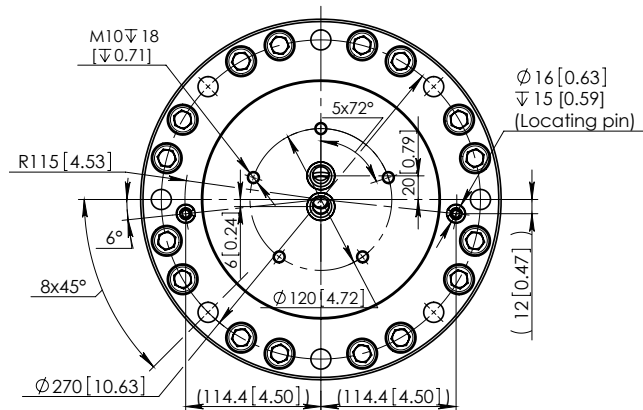
CPR8

Rotatore industriale

Industrial rotator **EN** | **FR** Rotateur industriel
 Industrierotatoren **DE** | **ES** Rotadore industriale



(PATENTED)



Informazioni Tecniche Technical data

Rotation	unlimited
Max axial load, KN (lbf)	± 80 (17985)
Max axial load, KN (lbf)	60 (13489)
Moment of deflection, KNm (lb ft)	24 (17701)
Torque at 25Mpa (3625psi), Nm (lb ft)	3000 (2213)
Rated displacement, cm³/rev. (in³/rev)	832 (50.8)
Rotation speed, rpm	max 30
Oil duct area for grapple, mm² (in²)	150 (0.232)
Weight, kg (lb)	92 (203)

Massima pressione di lavoro Max working pressure

Rotatore	25 MPa [3625 psi]*
Open ←G→	35 MPa [5076 psi]
Close →G←	35 MPa [5076 psi]

*Valvole di sicurezza installate • Relief valves fitted

Flusso olio Rec oilflow

30 l/min
[7.9 gal(US)
/min]

Connessione Connection

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

BALTROTORS®

Macchina operatrice (es. peso massimo dell'escavatore)
Operating machine (e.g. excavator max weight)

montaggio con link
connected via link 16 t
montaggio rigido
rigid mounted 10.5 t

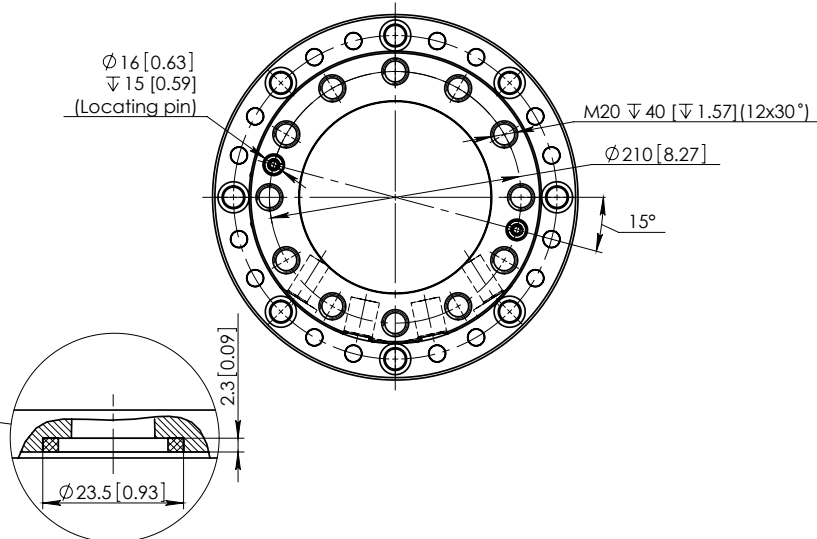
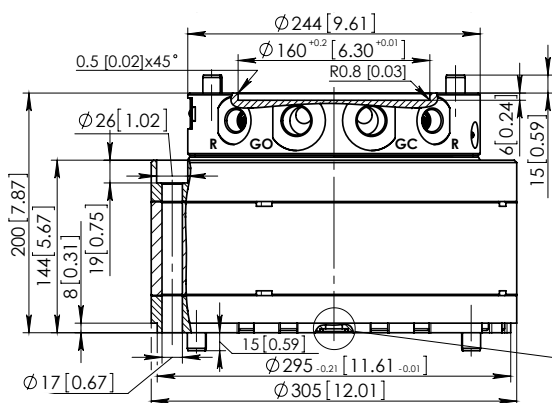
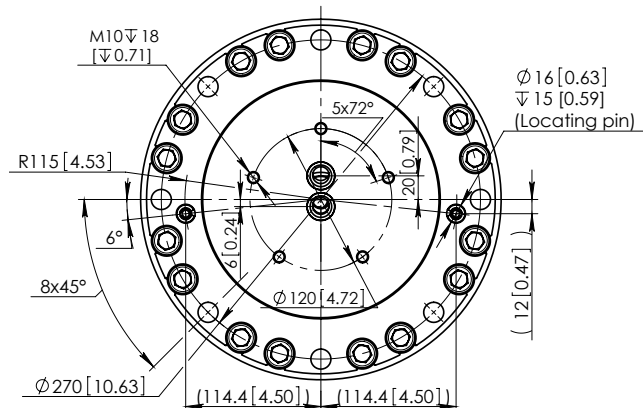
CPR9

Rotatore industriale

Industrial rotator **EN** | **FR** Rotateur industriel
Industrierotatoren **DE** | **ES** Rotadore industriale



(PATENTED)



Informazioni Tecniche Technical data

Rotation	unlimited
Max axial load, KN (lbf)	± 90 (20233)
Max axial load, KN (lbf)	70 (15737)
Moment of deflection, KNm (lb ft)	24 (17701)
Torque at 25Mpa [3625psi], Nm (lb ft)	3000 (2213)
Rated displacement, cm³/rev. (in³/rev)	832 (50.8)
Rotation speed, rpm	max 30
Oil duct area for grapple, mm² (in²)	150 (0.232)
Weight, kg (lb)	91 (201)

Massima pressione di lavoro Max working pressure

Rotatore	25 MPa [3625 psi]*
Open ←G→	35 MPa [5076 psi]
Close →G←	35 MPa [5076 psi]

*Valvole di sicurezza installate • Relief valves fitted

Flusso olio Rec oilflow

30 l/min
[7.9 gal(US)
/min]

Connessione Connection

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

BALTROTORS®

Macchina operatrice (es. peso massimo dell'escavatore) Operating machine (e.g. excavator max weight)

montaggio con link connected via link	16 t
montaggio rigido rigid mounted	10.5 t

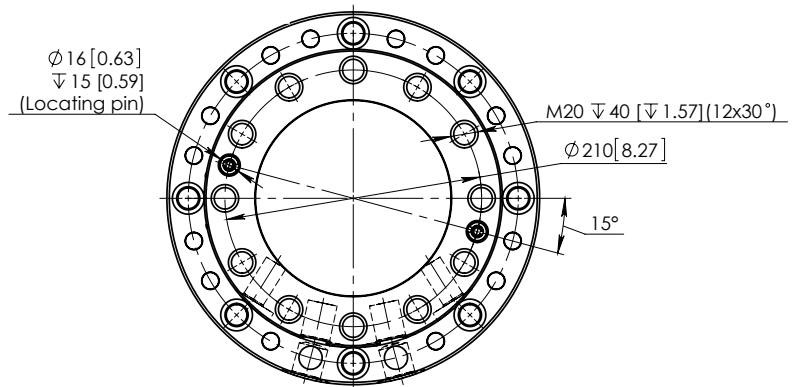
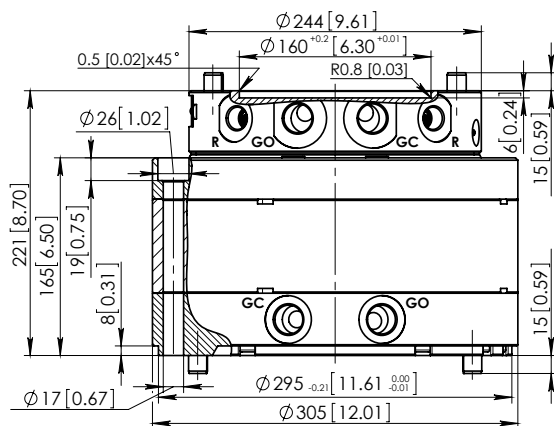
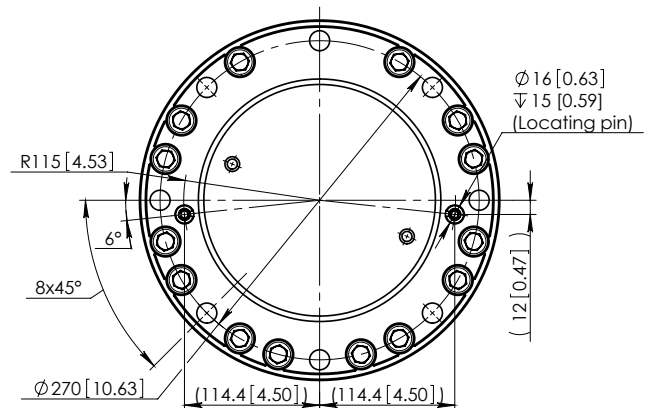
CPR9-01

Rotatore industriale

Industrial rotator **EN** | **FR** Rotateur industriel
Industrierotatoren **DE** | **ES** Rotadore industriale



(PATENTED)



Informazioni Tecniche Technical data

Rotation	unlimited
Max axial load, KN (lbf)	± 90 [20233]
Max radial load, KN (lbf)	70 [15733]
Max moment of deflection, KNm (lbf ft)	24 [17901]
Torque at 25 MPa (3625 psi), Nm (lbf ft)	3000 [2213]
Torque at 35 MPa (5076 psi), Nm (lbf ft)	3000 [2213]
Rated displacement, cm³/rev. (in³/rev.)	932 (50.8)
max 30 rpm	
150 mm [0.232 in²]	Rotation speed, rpm
101 kg [222 lb]	max 30
Working pressure	25 MPa [3625 psi] *
35 MPa [5076 psi]	
Rec oilflow (in²)	30 l/min [7.9 gal(US)/min]
Connection	G 1/2
Weight, kg (lb)	101 (222)

Massima pressione di lavoro Max working pressure

Rotator ←R→	25 MPa [3625 psi]*
Open ←G→	35 MPa [5076 psi]
Close →G←	35 MPa [5076 psi]

Flusso olio Rec oilflow

30 l/min
[7.9 gal(US)/min]

Connessione Connection

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

*Valvole di sicurezza installate • Relief valves fitted

BALTROTORS®

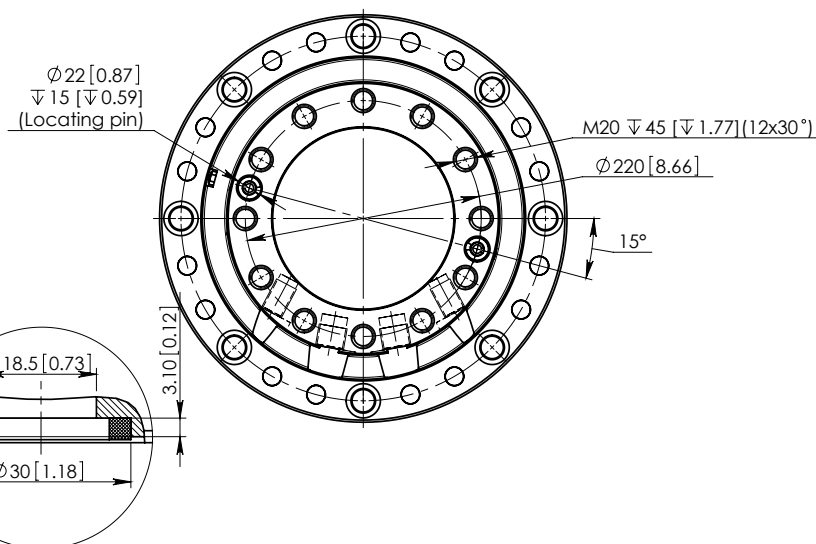
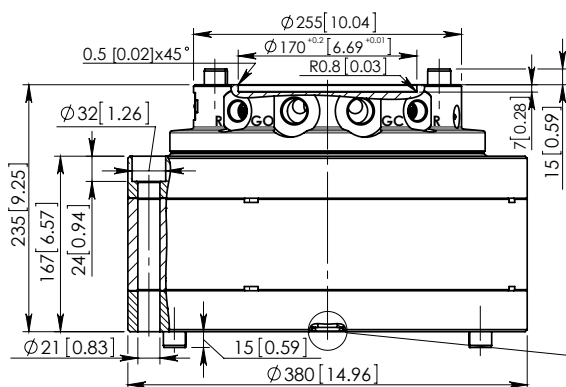
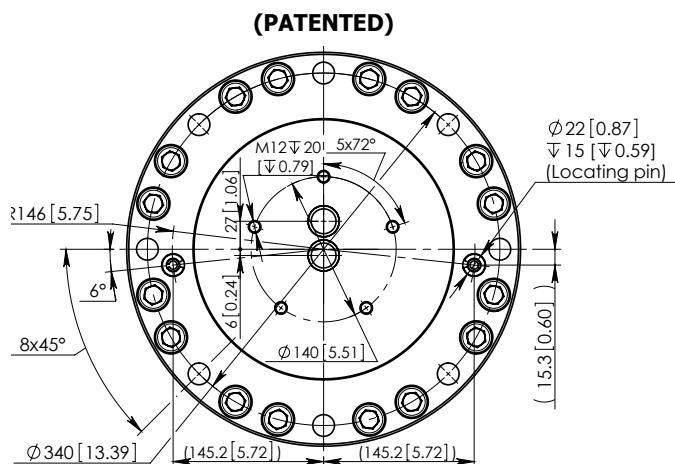
Macchina operatrice (es. peso massimo dell'escavatore) Operating machine (e.g. excavator max weight)

montaggio con link connected via link	16 t
montaggio rigido rigid mounted	10.6 t

CPR14

Rotatore industriale

Industrial rotator **EN** | **FR** Rotateur industriel
 Industrierotatoren **DE** | **ES** Rotadore industriale



Informazioni Tecniche Technical data

* Relief valves fitted

Rotation	unlimited
Max axial load, KN (lbf)	± 140 [31473]
Max axial load, KN (lbf)	100 [22481]
Moment of deflection, KNm (lb ft)	40 [29502]
Torque at 25Mpa (3625psi), Nm (lb ft)	4500 [3319]
Rated displacement, cm³/rev. (in³/rev)	1222 [74.6]
Rotation speed, rpm	max 25
Oil duct area for grapple, mm² (in²)	260 [0.403]
Weight, kg (lb)	160 [354]

Massima pressione di lavoro Max working pressure

Rotator ←R→	25 MPa [3625 psi]*
Open ←G→	35 MPa [5076 psi]
Close →G←	35 MPa [5076 psi]

*Valvole di sicurezza installate • Relief valves fitted

Flusso olio Rec oilflow

35 l/min
[9.2 gal(US)
/min]

Connessione Connection

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

BALTROTORS®

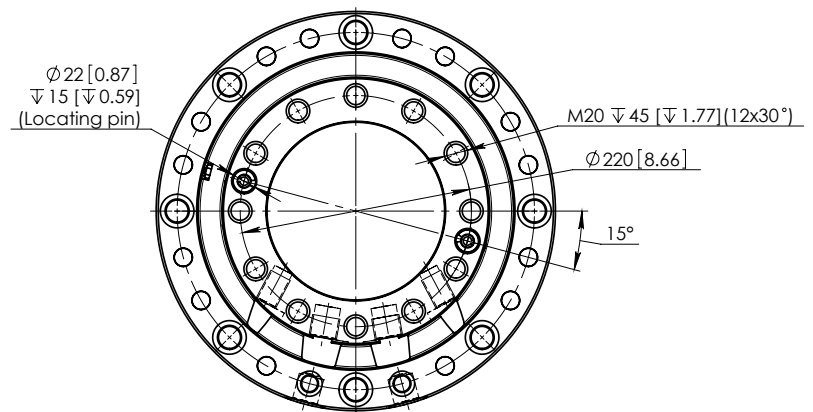
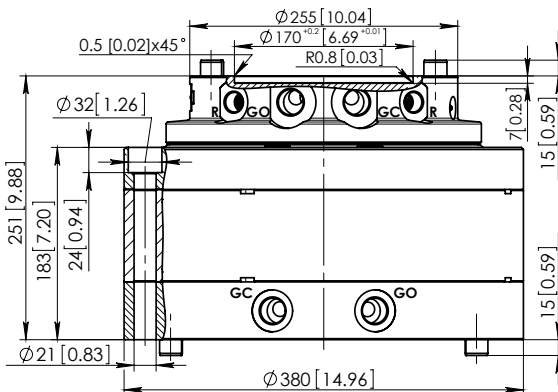
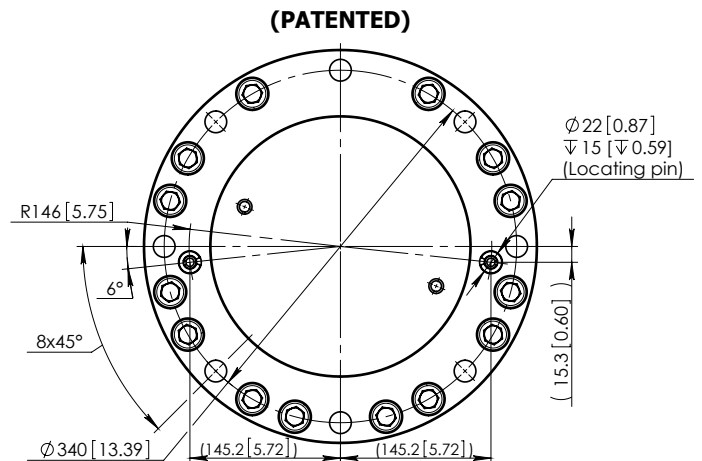
Macchina operatrice (es. peso massimo dell'escavatore)
 Operating machine (e.g. excavator max weight)

montaggio con link
connected via link 29 t
montaggio rigido
rigid mounted 21 t

CPR14-01

Rotatore industriale

Industrial rotator **EN** | **FR** Rotateur industriel
 Industrierotatoren **DE** | **ES** Rotadore industriale



Informazioni Tecniche Technical data

Rotation	unlimited
Max axial load, KN (lbf)	± 140 (31473)
Max axial load, KN (lbf)	100 (22481)
Moment of deflection, KNm (lb ft)	40 (29502)
Torque at 25MPa (3625psi), Nm (lb ft)	4500 (3319)
Rated displacement, cm³/rev. (in³/rev)	1222 (74.6)
Rotation speed, rpm	max 25
Oil duct area for grapple, mm² (in²)	260 (0.403)
Weight, kg (lb)	173 (381)

Massima pressione di lavoro Max working pressure

Rotator ←R→	25 MPa [3625 psi]* 1 l
Open ←G→	25 MPa [3625 psi]
Close →G←	35 MPa [5076 psi]

*Valvole di sicurezza installate • Relief valves fitted

Flusso olio Rec oilflow

35 l/min
[9.2 gal(US)
/min]

Connessione Connection

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

BALTROTORS®

Macchina operatrice (es. peso massimo dell'escavatore) Operating machine (e.g. excavator max weight)

montaggio con link connected via link	29 t
montaggio rigido rigid mounted	21 t

technical data can be
revised without prior notice

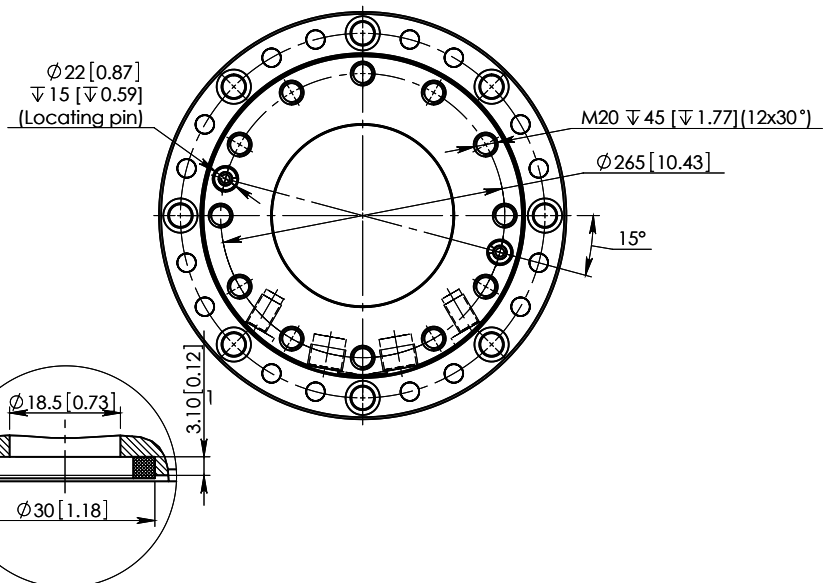
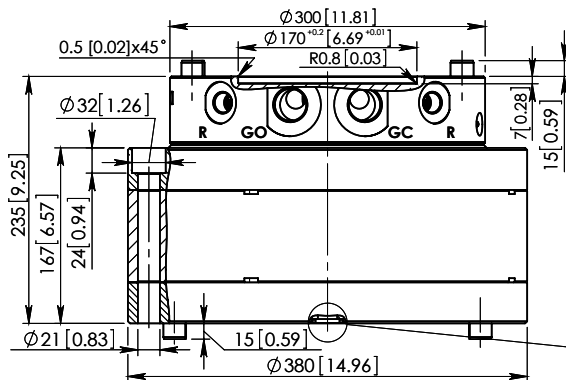
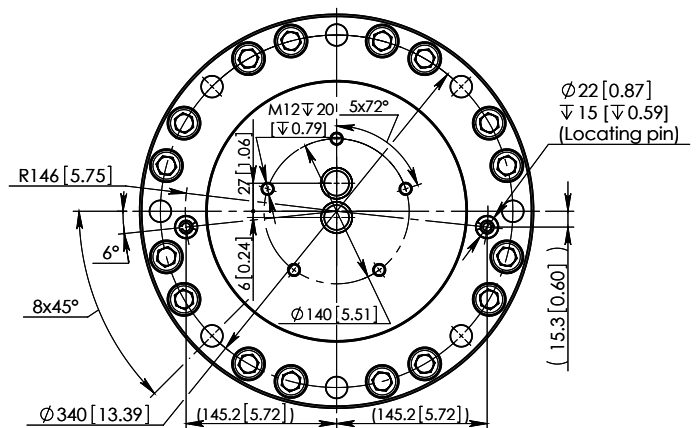
CPR15

Rotatore industriale

Industrial rotator **EN** | **FR** Rotateur industriel
 Industrierotatoren **DE** | **ES** Rotadore industriale



(PATENTED)



Informazioni Tecniche Technical data

Rotation	unlimited
Max axial load, KN (lbf)	± 150 [33721]
Max axial load, KN (lbf)	110 [24729]
Moment of deflection, KNm (lb ft)	40 [29502]
Torque at 25Mpa (3625psi), Nm (lb ft)	4500 [3319]
Rated displacement, cm³/rev. (in³/rev)	1222 [74.6]
Rotation speed, rpm	max 25
Oil duct area for grapple, mm² (in²)	260 [0.403]
Weight, kg (lb)	167 [367]

Massima pressione di lavoro Max working pressure

Rotator ←R→	25 MPa [3625 psi]*
Open ←G→	35 MPa [5076 psi]
Close →G←	35 MPa [5076 psi]

*Valvole di sicurezza installate • Relief valves fitted

Flusso olio Rec oilflow

35 l/min
 [9.2 gal(US)
 /min]

Connessione Connection

G 1/2
 G 1
 G 1

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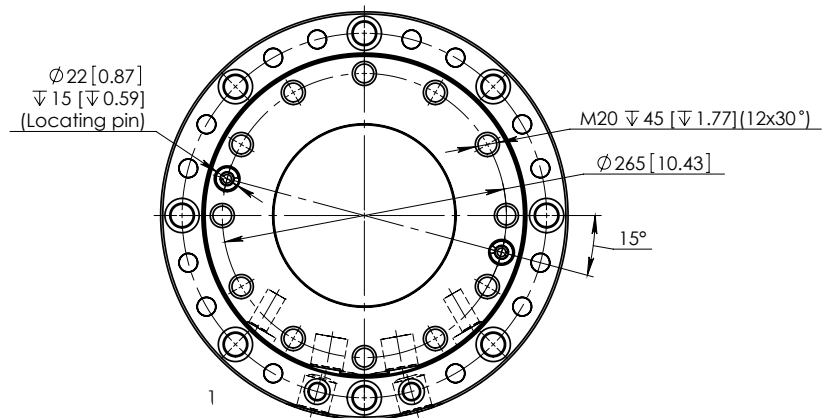
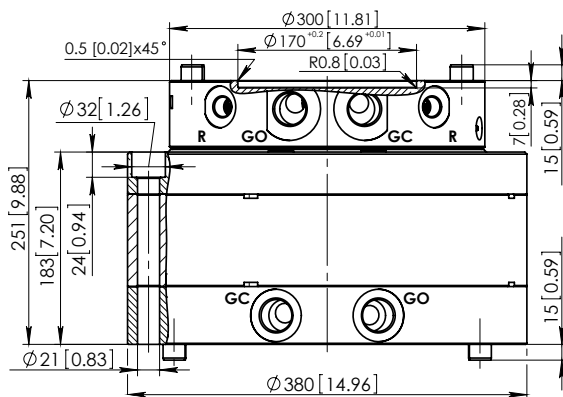
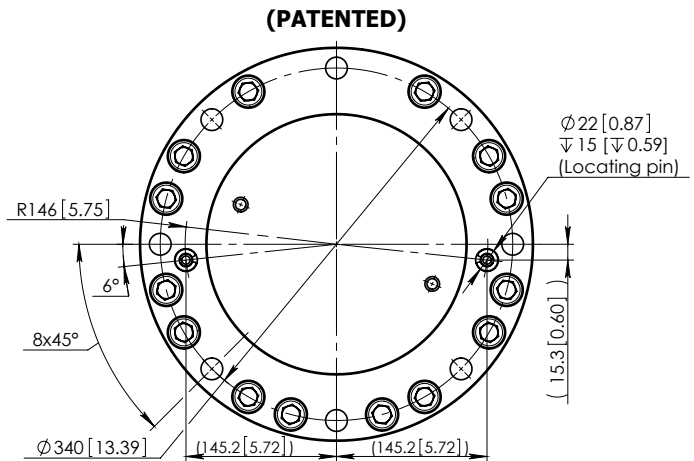
Macchina operatrice (es. peso massimo dell'escavatore)
 Operating machine (e.g. excavator max weight)

montaggio con link
 connected via link 29 t
 montaggio rigido
 rigid mounted 21 t

CPR15-01

Rotatore industriale

Industrial rotator **EN** | **FR** Rotateur industriel
Industrierotatoren **DE** | **ES** Rotadore industriale



Informazioni Tecniche Technical data		GC - grapple/tool close * Relief valves fitted	
Rotation	unlimited		
Max axial load, KN (lbf)	± 150 (3372)		
Max axial load, KN (lbf)	110 (24729)		
Moment of deflection, KNm (lb ft)	40 (29502)		
Torque at 25Mpa (3625psi), Nm (lb ft)	4500 (3319)		
Rated displacement, cm ³ /rev. (in ³ /rev)	1222 (74.6)		
Rotation speed, rpm	max 25		
Oil duct area for grapple, mm ² (in ²)	260 (0.403)		
Weight, kg (lb)	179 (395)		

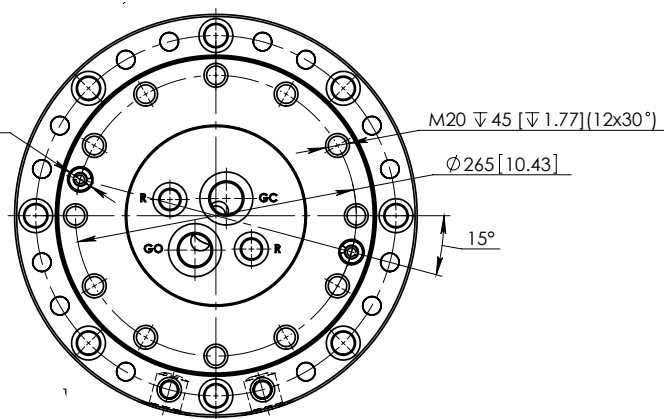
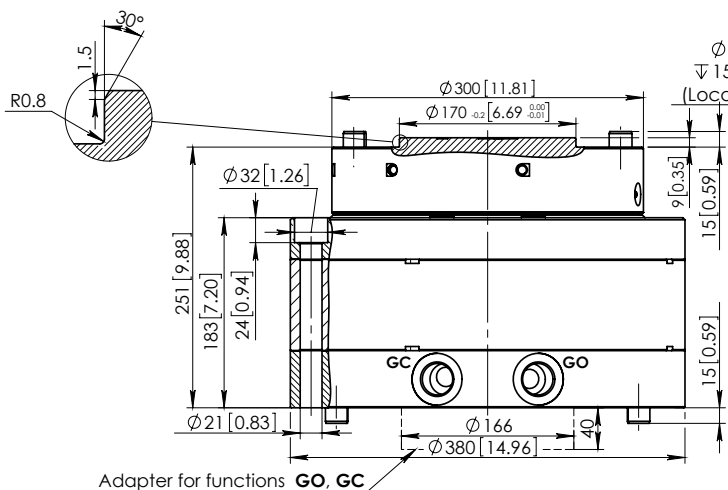
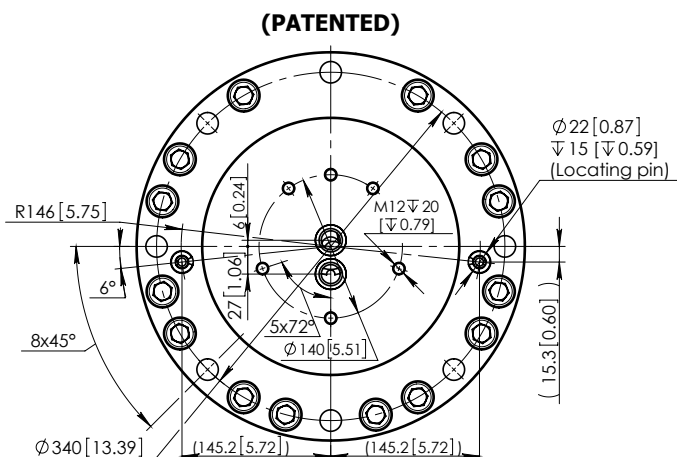
Massima pressione di lavoro Max working pressure		Flusso olio Rec oilflow	Connessione Connection
Rotator ←R→	25 MPa [3625 psi]*	35 l/min [9.2 gal(US) /min]	G 1/2
Open ←G→	35 MPa [5076 psi]		G 1
Close →G←	35 MPa [5076 psi]		G 1
*Valvole di sicurezza installate • Relief valves fitted			
 BALTROTORS®			
Macchina operatrice (es. peso massimo dell'escavatore) Operating machine (e.g. excavator max weight)		montaggio con link connected via link	29 t
		montaggio rigido rigid mounted	21 t

technical data can be
revised without prior notice

CPR15-03

Rotatore industriale

Industrial rotator **EN** | **FR** Rotateur industriel
Industrierotatoren **DE** | **ES** Rotadore industriale



Informazioni Tecniche Technical data

Rotation	unlimited
Max axial load, KN (lbf)	± 150 [33721]
Max axial load, KN (lbf)	110 [24729]
Moment of deflection, KNm (lb ft)	40 [29502]
Torque at 25Mpa (3625psi), Nm (lb ft)	4500 [3319]
Rated displacement, cm³/rev. (in³/rev)	1222 [74.6]
Rotation speed, rpm	max 25
Oil duct area for grapple, mm² (in²)	260 [0.403]
Weight, kg (lb)	182 [401]

Massima pressione di lavoro Max working pressure

Rotator ←R→	25 MPa [3625 psi]*
Open ←G→	35 MPa [5076 psi]
Close →G←	35 MPa [5076 psi]

*Valvole di sicurezza installate • Relief valves fitted

Flusso olio Rec oilflow

35 l/min
[9.2 gal(US)
/min]

Connessione Connection

G 1/2
G 1
G 1

BALTROTORS

Macchina operatrice (es. peso massimo dell'escavatore) Operating machine (e.g. excavator max weight)

montaggio con link connected via link	29 t
montaggio rigido rigid mounted	21 t

GIR

Rotatori industriali

Industrial rotator **EN** | **FR** Rotateur industriel
 Industrierotatoren **DE** | **ES** Rotadore industriale

GIR12



Max. axial load static: ± 250 kN
 Max. axial load dynamic: ± 80 kN
 Max radial load: not recommended
 Deflection: not recommended
 Torque: 2000 Nm
 Weight: 85 kg

GIR12-01



Max. axial load static: ± 250 kN
 Max. axial load dynamic: ± 80 kN
 Max radial load: not recommended
 Deflection: not recommended
 Torque: 2000 Nm
 Weight: 82 kg

GIR25



Max. axial load static: ± 450 kN
 Max. axial load dynamic: ± 160 kN
 Max radial load: not recommended
 Deflection: not recommended
 Torque: 3500 Nm
 Weight: 143 kg

GIR25-01



Max. axial load static: ± 450 kN
 Max. axial load dynamic: ± 160 kN
 Max radial load: not recommended
 Deflection: not recommended
 Torque: 3500 Nm
 Weight: 143 kg

GIR25-02



Max. axial load static: ± 450 kN
 Max. axial load dynamic: ± 160 kN
 Max radial load: not recommended
 Deflection: not recommended
 Torque: 3500 Nm
 Weight: 143 kg

GIR25-04



Max. axial load static: ± 450 kN
 Max. axial load dynamic: ± 160 kN
 Max radial load: not recommended
 Deflection: not recommended
 Torque: 3500 Nm
 Weight: 143 kg





Ganci *Links*



La gamma dei links **BALTROTORS** si divide in tre macro categorie:

Links **non frenati**

Links con **freno singolo**

Links con **freno doppio**

IT

The **BALTROTORS** links range is divided into three macro categories.

Links **without brake**

Links with **single brake**

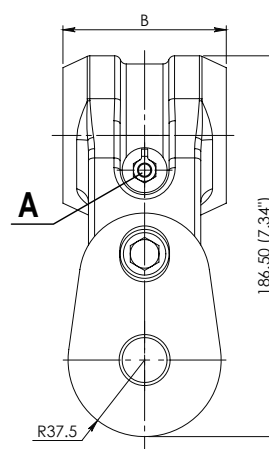
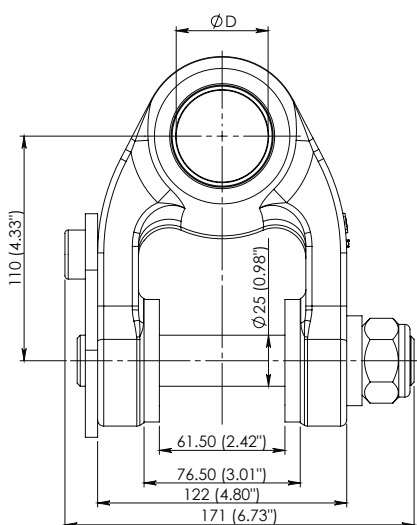
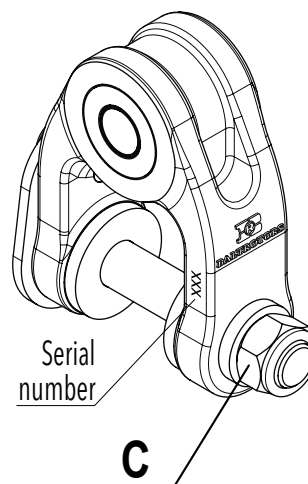
Links with **double brake**

EN

BR1

Link senza freno

Link without brake **EN** | **FR** Lien sans frein
Verbindung ohne Bremsen **DE** | **ES** Enlace sin freno



Dimensioni Dimensions

Crane nose pivot pin diameter ØD (mm)	Link width B (mm)		
	80 ^{+0.3} _{-0.3} (3.15")	70 ^{+0.3} _{-0.3} (2.76")	60 ^{+0.3} _{-0.3} (2.36")
45 (1.77")	BR1/80/45	BR1/70/45	BR1/60/45
40 (1.57")	BR1/80/40	BR1/70/40	BR1/60/40
35 (1.38")	BR1/80/35	BR1/70/35	BR1/60/35
30 (1.18")	BR1/80/30	BR1/70/30	BR1/60/30
25 (0.98")	BR1/80/25	BR1/70/25	BR1/60/25
20 (0.79")	BR1/80/20	BR1/70/20	BR1/60/20



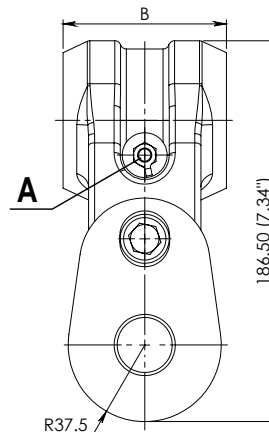
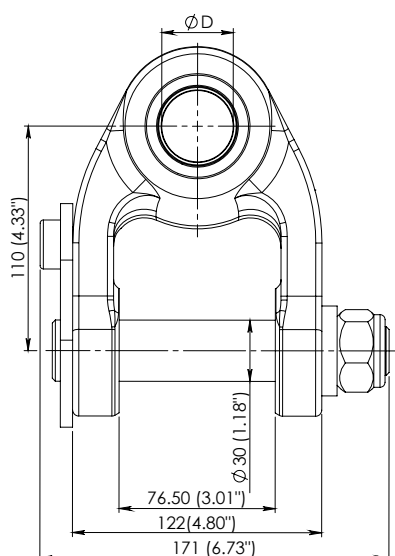
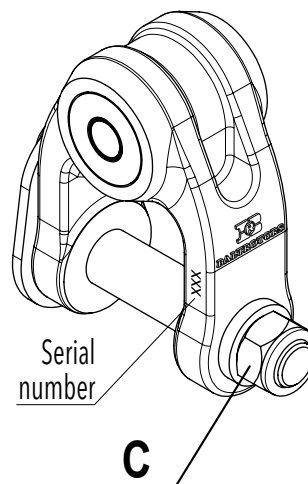
Max. Load - 5.5 ton (55 kN) (12364 lbf)
Weight - 5.7±0.5 kg (12.57±1.10 lb)

Pin locking nut (C) has to be tightened with a torque of 120 Nm (89 lb ft).
Fill grease Statoil Uniway Li62 (or equivalent) through lubricating nipple (A), until it will appear to the external surfaces.
Greasing must be repeated after every 8 working hours of the link.

BR1-A

Link senza freno

Link without brake **EN** | **FR** Lien sans frein
Verbindung ohne Bremsen **DE** | **ES** Enlace sin freno



Dimensioni Dimensions

Crane nose pivot pin diameter ØD (mm)	Link width B (mm)		
	80 ^{+0.3} _{-0.3} (3.15'')	70 ^{+0.3} _{-0.3} (2.76'')	60 ^{+0.3} _{-0.3} (2.36'')
45 (1.77'')	BR1-A/80/45	BR1-A/70/45	BR1-A/60/45
40 (1.57'')	BR1-A/80/40	BR1-A/70/40	BR1-A/60/40
35 (1.38'')	BR1-A/80/35	BR1-A/70/35	BR1-A/60/35
30 (1.18'')	BR1-A/80/30	BR1-A/70/30	BR1-A/60/30
25 (0.98'')	BR1-A/80/25	BR1-A/70/25	BR1-A/60/25
20 (0.79'')	BR1-A/80/20	BR1-A/70/20	BR1-A/60/20



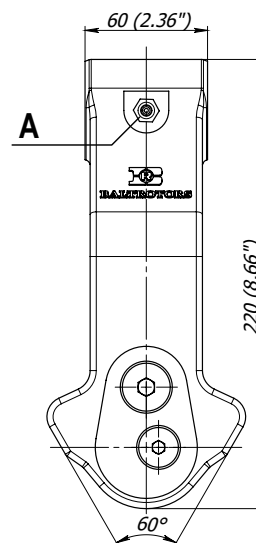
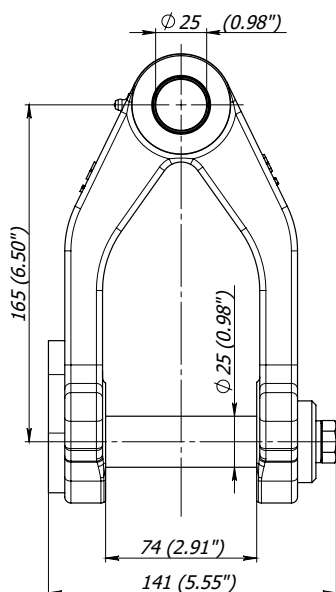
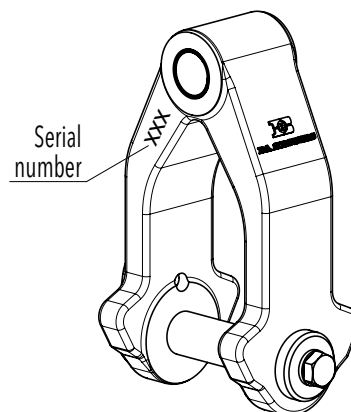
Max. Load - 5.5 ton (55 kN) (12364 lbf)
Weight - 5.5±1 kg (12.1±2.2 lb)

Pin locking nut (C) has to be tightened with a torque of 120 Nm (89 lb ft).
Fill grease Statoil Uniway Li62 (or equivalent) through lubricating nipple (A), until it will appear to the external surfaces.
Greasing must be repeated after every 8 working hours of the link.

BRM1-73-01

Link senza freno

Link without brake **EN** | **FR** Lien sans frein
Verbindung ohne Bremsen **DE** | **ES** Enlace sin freno



Max. Load - 4.5 ton (45 kN) (10116 lbf)

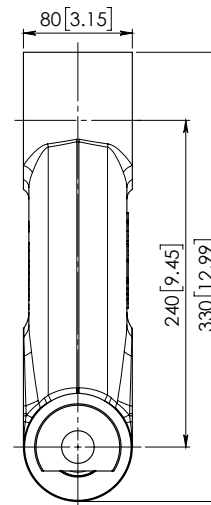
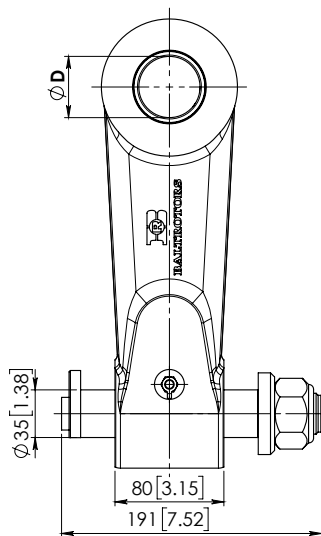
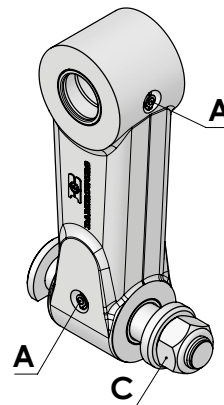
Weight - 5.1 kg (11.3 lb)

Fill grease Statoil Uniway Li62 (or equivalent) through lubricating nipple (A), until it will appear to the external surfaces. Greasing must be repeated after every 8 working hours of the link.

BR2

Link senza freno

Link without brake **EN** | **FR** Lien sans frein
Verbindung ohne Bremsen **DE** | **ES** Enlace sin freno



Diametro boccola Bushing diameter

Upper Bushing ØD (mm)	Link name:
45 (1.77")	BR2/45
40 (1.57")	BR2/40
35 (1.38")	BR2/35
30 (1.18")	BR2/30



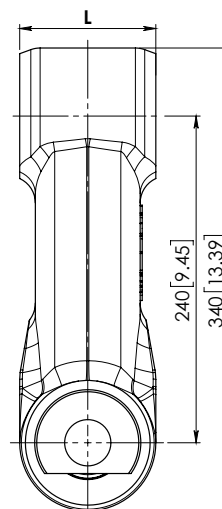
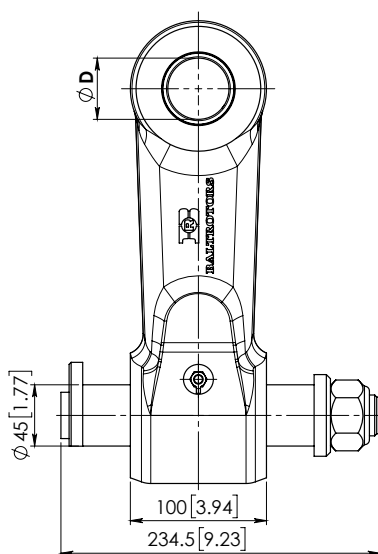
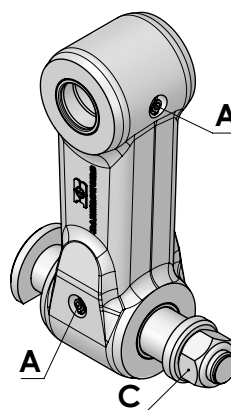
Max. Load - 10 ton (100 kN) (22485 lbf)
Weight - 16±0.5 kg (35.3±1.1 lb)

Pin locking nut (C) has to be tightened with a torque of 120 Nm (89 lb ft).
Fill grease Statoil Uniway Li62 (or equivalent) through lubricating nipples (A), until it will appear to the external surfaces.
Greasing must be repeated after every 8 working hours of the link.

BR3

Link senza freno

Link without brake **EN** | **FR** Lien sans frein
Verbindung ohne Bremsen **DE** | **ES** Enlace sin freno



Diametro boccola Bushing diameter

Upper Bushing ØD (mm)	L=100	L=80
50 (1.97")	BR3/50	BR3-80/50
45 (1.77")	BR3/45	BR3-80/45
40 (1.57")	BR3/40	BR3-80/40
35 (1.38")	BR3/35	BR3-80/35
30 (1.18")	-	BR3-80/30
45 (1.77")	BR3/45*	BR3-80/45*



Max. Load - 16 ton (160 kN) (35976 lbf)
Weight - 21±1 kg (45.2±2.2 lb)

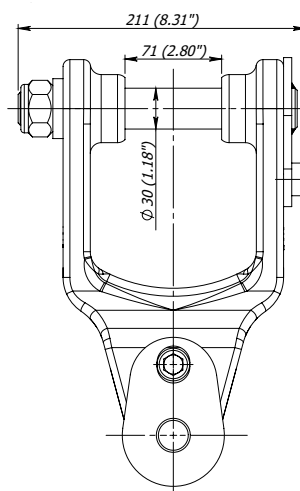
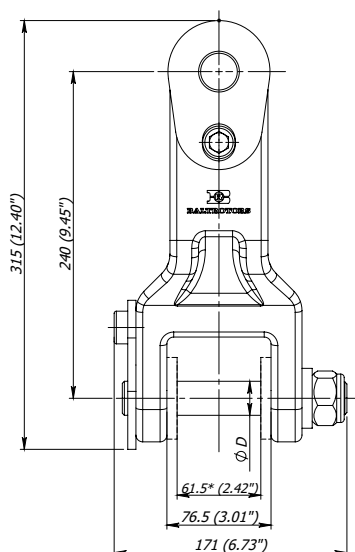
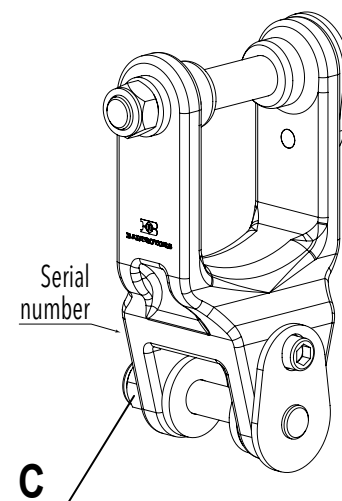
Pin locking nut (C) has to be tightened with a torque of 120 Nm (89 lb ft).
Fill grease Statoil Uniway Li62 (or equivalent) through lubricating nipples (A), until it will appear to the external surfaces.
Greasing must be repeated after every 8 working hours of the link.

*Link is assembled with bronze bushing instead of steel.

BR4/BR4-A

Link con freno singolo

Single brake swing damper **EN** | **FR** Amortisseur pivotant unique
 Einzelner Pendeldämpfer **DE** | **ES** Amortiguador giratorio simple



Diametro del perno Pin diameter

BR4 ØD (mm)	25 (0.98")
BR4-A ØD (mm)	30 (1.18")



Max. Load - 5.5 ton (55 kN) (12364 lbf)
 Weight - 11.7±0.5 kg (25.8±1.1 lb)

Pin locking nut (C) has to be tightened
 with a torque of 120 Nm (89 lb ft).

* only by request for rotator GR 30



ALTRI LINKS

Link senza freno

Link without brake **EN** | **FR** *Lien sans frein*
Verbindung ohne Bremsen **DE** | **ES** *Enlace sin freno*

BR1-60-01



Max. load: 3 ton
Weight: 3.7 kg (8.3 lb)

BR1-90-25



Max. load: 5.5 ton
Weight: 7.6 kg

Link freno singolo

Link single brake **EN** | **FR** *Amortisseur pivotant unique*
Pendeldämpfer **DE** | **ES** *Freno único*

BRM10-73-01



Max. load: 4.5 ton
Weight: 6.7 kg (14.8 lb)

BR20KS



Max. load: 10 ton
Weight: 13.9±0.25 kg

BR30KS



Max. load: 16 ton
Weight: 20.39 kg (44.95 lb)

BR30KS-80



Max. load: 16 ton
Weight: 19.62±0.1 kg

Link freno singolo

Link single brake **EN** | **FR** Amortisseur pivotant unique
Pendeldämpfer **DE** | **ES** Freno único

BR10



Max. load: 5.5 ton
Weight: 6.5±1 kg

BR10-A



Max. load: 5.5 ton
Weight: 6.5±1 kg

BR10-90-25-2



Max. load: 5.5 ton
Weight: 8.5±0.5 kg

BRM10-60-01



Max. load: 3 ton
Weight: 5.3 kg

BR40



Max. load: 5.5 ton
Weight: 12.6 kg

BR40-A



Max. load: 5.5 ton
Weight: 12.6 kg

DLG 30



Max. load: 16 ton
Weight: 36 kg

Link freno doppio

Link double brake **EN** | **FR** Amortisseur pivotant double
Doppelpendeldämpfer **DE** | **ES** Freno doble

BR22KS



Max. load: 10 ton
Weight: 17.40±0.25 kg

BR32KS



Max. load: 16 ton
Weight: 25.46±0.30 kg



ALTRI LINKS

Cavallotti per escavatori

U-bolts for excavator **EN** | **FR** Boulons en U pour excavatrice
U-Bolzen für Bagger **DE** | **ES** Pernos en U para excavadora

CDE XS



 Ton
1,5 - 2,0

CDE S



 Ton
2,1 - 4,8

CDE M



 Ton
5,0 - 7,5

CDE L



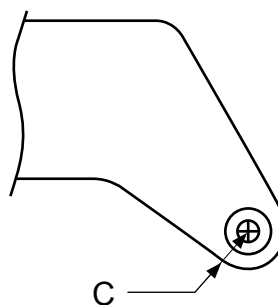
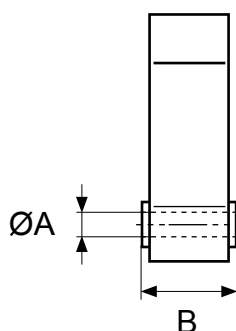
 Ton
7,6 - 18,0

Completi di perno lato braccio e lato rotore **IT**

EN Complete with pivot boom side and rotor side

In caso d'ordine fornire le seguenti misure:

If ordering, provide the following measures:



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32	BOT L	63	CPR9-01
33	FORCHE	64	CPR14
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		79	ALTRI LINKS freno singolo / doppio
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