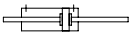
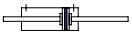
CILINDRI ISO15552 Ø160-200 ISO15552 CYLINDERS Ø160-200

Cilindri costruiti a norma ISO 15552 in versione con tiranti. Realizzato con design pulito. Adatto ad applicazioni particolarmente gravose. Disponibili in versione magnetica o non, con o senza ammortizzo regolabile, a stelo singolo o passante. Ampia gamma di accessori. Su richiesta sono fornibili in varie esecuzioni speciali ed in versione conforme alla direttiva 2014/34/UE ATEX.

ISO 15552 cylinders, tie rods version.
Featuring a clean design and suitable for heavy-duty applications. Available with or without magnet, with or without adjustable cushioning, single or through piston rod. Wide range of mounting accessories. Special versions are available. On request compliant with 2014/34/UE ATEX directive.

VERSIONE VERSION

CDE		CDEP	
CDEM		CDEMP	
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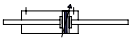
CDEMA		CDEMAP	

INFORMAZIONI TECNICHE TECHNICAL INFORMATION

Testate Covers	**Alluminio pressofuso verniciato** Painted die-casted aluminium
Tubo Tube	**Alluminio anodizzato** Anodized aluminium
Guarnizioni Seals	**Poliuretano - NBR** Polyurethane – NBR
Boccola guida Guiding bush	**Bronzo sinterizzato** Sintered bronze
Stelo Piston rod	**Acciaio cromato** Chromium coated steel
Tiranti Tie rods	**Acciaio cromato** Chromium coated steel
Pressione MAX MAX pressure	**10 bar**
Temperatura di impiego Working temperature	**-20°C +80°C con aria secca** -20°C +80°C with dry air
Fluido Working fluid	**Aria compressa filtrata e lubrificata e non** Filtered and lubricated or not compressed air

CHIAVI DI CODIFICA CYLINDERS KEY CODE

CDEM	160	100	X	-	V

Versione Version		Diametro Diameter	Corsa Stroke	Tipo costruttivo Design Type		Stelo Piston rod		Guarnizioni Seals	
CDE	**Doppio effetto non magnetico** Double acting non magnetic	160	0...2700	X	**ISO 15552 standard** ISO 15552 standard	-	**Acciaio cromato** Chrome plated steel	-	**Standard**
CDEM	**Doppio effetto magnetico** Double acting magnetic	200				I	**Acciaio inox AISI 304** AISI 304 Stainless steel	V	**Guarnizioni FKM** FKM seals
CDEA	**Doppio effetto con ammortizzo regolabile non magnetico** Double acting with adjustable cushioning non magnetic							VG	**Guarnizione stelo FKM** FKM rod seal
CDEMA	**Doppio effetto con ammortizzo regolabile magnetico** Double acting with adjustable cushioning magnetic								
CDEP	**Doppio effetto stelo passante non magnetico** Double acting through rod non magnetic								
CDEMP	**Doppio effetto stelo passante magnetico** Double acting through rod magnetic								
CDEAP	**Doppio effetto stelo passante con ammortizzo regolabile non magnetico** Double acting through rod with adjustable cushioning non magnetic								
CDEMAP	**Doppio effetto stelo passante con ammortizzo regolabile magnetico** Double acting through rod with adjustable cushioning magnetic								

CORSE STANDARD
STANDARD STROKES

Ø (mm)	Corse standard (mm) Standard strokes (mm)													
160	10	25	40	50	80	100	125	160	200	250	300	320	400	500
200	10	25	40	50	80	100	125	160	200	250	300	320	400	500

FORZE TEORICHE A 6 BAR
THEORETICAL FORCES AT 6 BAR

Ø (mm)	Forza di spinta (N) Thrust force (N)	Forza di trazione (N) Traction force (N)
160	12058	11304
200	18840	18086

VARIANTI
VARIANTS

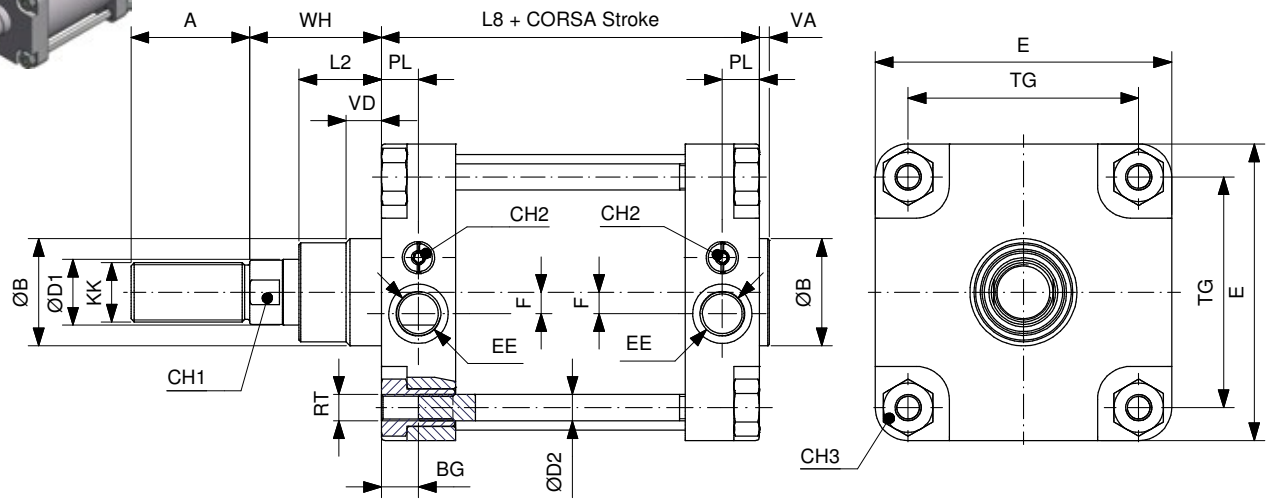
Simbolo Symbol	Caratteristiche Features
	Resistente alle alte temperature -10…+150°C Heat-resistant -10…+150°C
	Resistente alle basse temperature -40…+80°C Low temperature resistant -40…+80°C
WH	Stelo prolungato Piston rod extension
	Basso attrito Low friction
	Raschia stelo duro in poliestere Hard wiper in polyester
	Stelo in acciaio inox Stainless steel piston rod
FDA	Lubrificazione FDA FDA lubrication

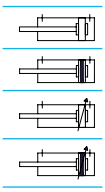
Simbolo Symbol	Caratteristiche Features
	Filettature e steli su richiesta Custom made thread or piston rod
	Certificazione ATEX ATEX certification
	Guarnizione stelo ad elevata resistenza chimica Rod seal with increased chemical resistance
C1 + C2	Configurazione tandem a più posizioni Multi position configuration
2xF	Configurazione tandem a doppia spinta Double thrust tandem configuration
	Configurazione tandem contrapposti anteriore Front opposed tandem configuration
	Configurazione tandem contrapposti posteriore Rear opposed tandem configuration

CILINDRI ISO15552 Ø160-200 ISO15552 CYLINDERS Ø160-200

DOPPIO EFFETTO
DOUBLE ACTING

CDEØ/...X | CDEMØ/...X | CDEAØ/...X | CDEMAØ/...X

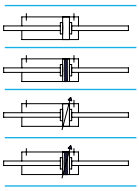


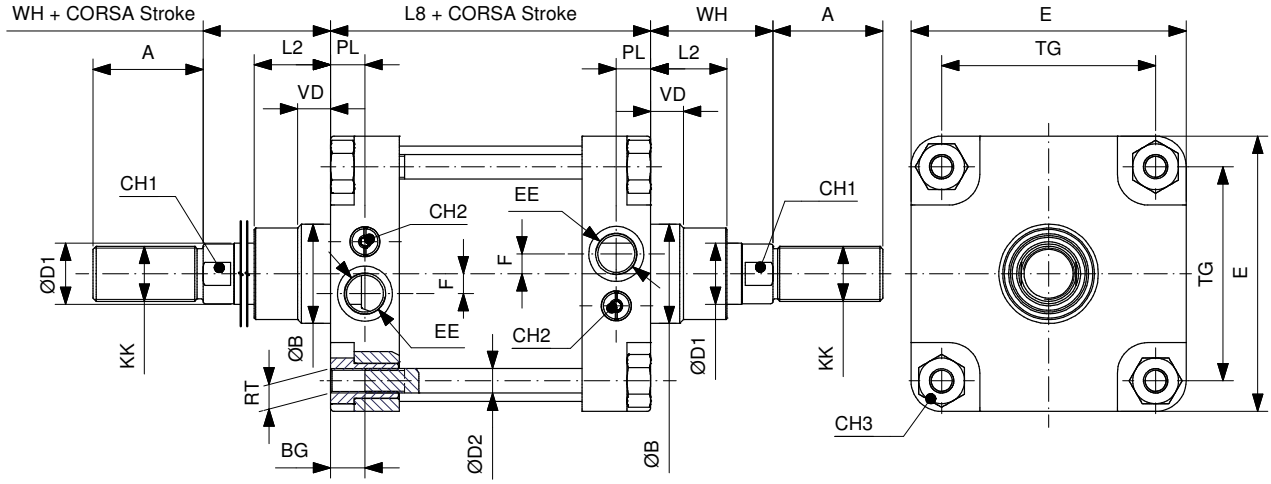


Ø	ØD1	ØD2	KK	A	ØB	VD	VA	L2	RT	BG	TG	EE	F	PL	WH	L8	E	CH1	CH2	CH3
160	40	16	M36X2	72	65	21.5	6	50	M16X2	24	140	3/4"G	13	22.5	80	179.5	180	36	6	30
200	40	16	M36X2	72	75	26.5	6	55	M16X2	24	175	3/4"G	13	22.5	95	180	220	36	6	30

DOPPIO EFFETTO PASSANTE
DOUBLE ACTING THROUGH PISTON ROD

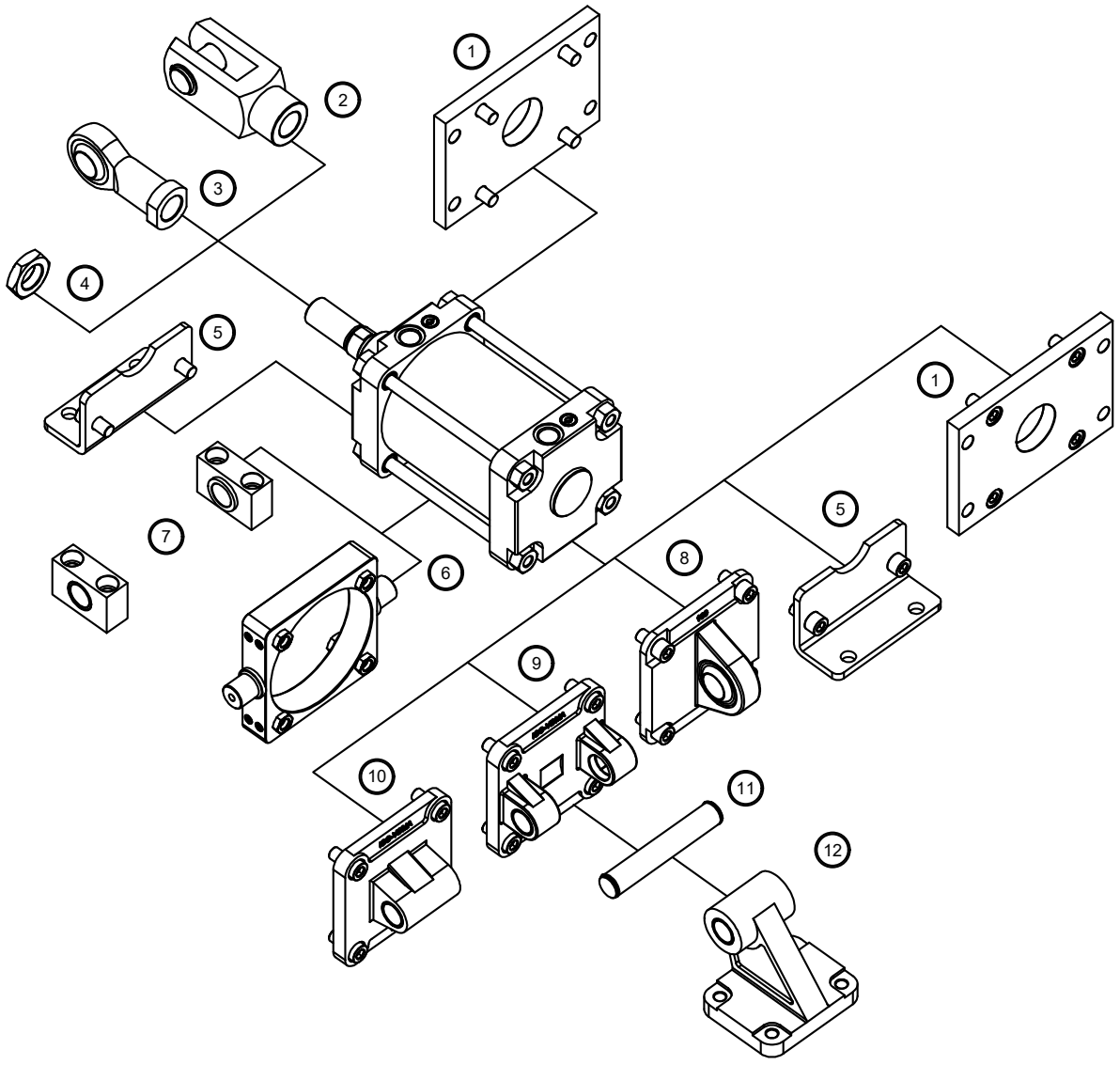
CDEPØ/...X | CDEMPØ/...X | CDEAPØ/...X | CDEMAPØ/...X





Ømm	ØD1	ØD2	KK	A	ØB	VD	L2	RT	BG	TG	EE	F	PL	WH	L8	E	CH1	CH2	CH3
160	40	16	M36X2	72	65	21.5	50	M16X2	24	140	3/4"G	13	22.5	80	179.5	180	36	6	30
200	40	16	M36X2	72	75	26.5	55	M16X2	24	175	3/4"G	13	22.5	95	180	220	36	6	30

ACCESSORI DI FISSAGGIO
MOUNTING ACCESSORIES



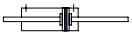
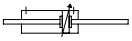
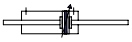
	Descrizione Description	Alluminio Alluminium	Accaio Steel	Accaio inox Stainles steel
1	**Flangia** / Flange (MF1-MF2)	-	139	152
2	**Forcella** / Clevis	-	132	147
3	**Testa a snodo** / Rod end	-	132	148
4	**Dado per aste** / Piston rod nut	-	130	146
5	**Piedino basso** / Low-rise pedestal (MS1)	-	138	152
6	**Cerniera intermedia per cilindri tirantati** / Intermediate hinge for tie rods cylinders (MT4)	-	140	153
7	**Supporto per cerniera intermedia** / Support for intermediate hinge (AT4)	-	141	-
8	**Cerniera maschio snodata** / Male hinge with spherical bearing (MP6)	137	-	-
9	**Cerniera femmina** / Female hinge (MP2)	134	-	150
10	**Cerniera maschio** / Male hinge (MP4)	135	-	151
11	**Perno per cerniera femmina** / Pivot for female hinge (AA4)	-	135	150
12	**Articolazione a squadra** / Square joint (AB7)	137	-	-
13	**Giunto autoallineante** / Self-aligning joint	-	131	-

CILINDRI ISO15552 Ø250-320 ISO 15552 CYLINDERS Ø250-320

Cilindri costruiti a norma ISO 15552 in versione con tiranti.
Adatto ad applicazioni particolarmente gravose.
Disponibili in versione magnetica o non, con o senza ammortizzo regolabile, a stelo singolo o passante.
Ampia gamma di accessori.
Su richiesta sono fornibili in varie esecuzioni speciali ed in versione conforme alla direttiva 2014/34/UE ATEX.

ISO 15552 cylinders, tie rods version.
Suitable for heavy-duty applications.
Available with or without magnet, with or without adjustable cushioning, single or through piston rod.
Wide range of mounting accessories. Special versions are available.
On request compliant with 2014/34/UE ATEX directive.

VERSIONE VERSION

CDE		CDEP	
CDEM		CDEMP	
CDEA		CDEAP	
CDEMA		CDEMAP	

INFORMAZIONI TECNICHE TECHNICAL INFORMATION

Testate Covers	**Alluminio pressofuso verniciato** Painted die-casted aluminium
Tubo Tube	**Alluminio anodizzato** Anodized aluminium
Pistone Piston	**Alluminio** Aluminium
Guarnizioni Seals	**Poliuretano - NBR** Polyurethane - NBR
Boccola guida Guiding bush	**Bronzo sinterizzato** Sintered bronze
Stelo Piston rod	**Acciaio cromato** Chromium coated steel
Tiranti Tie rods	**Acciaio cromato** Chromium coated steel
Pressione MAX MAX pressure	**10 bar**
Temperatura di impiego Working temperature	**-20°C +80°C con aria secca** -20°C +80°C with dry air
Fluido Working fluid	**Aria compressa filtrata e lubrificata e non** Filtered and lubricated or not compressed air

CHIAVI DI CODIFICA CYLINDERS KEY CODE

CDEMA	250	100	X

Versione Version		Diametro Diameter	Corsa Stroke	Tipo costruttivo Design Type	
CDE	**Doppio effetto non magnetico** Double acting non magnetic	250	0...2700	X	**ISO 15552 standard** ISO 15552 standard
CDEM	**Doppio effetto magnetico** Double acting magnetic	320			
CDEA	**Doppio effetto con ammortizzo regolabile non magnetico** Double acting with adjustable cushioning non magnetic				
CDEMA	**Doppio effetto con ammortizzo regolabile magnetico** Double acting with adjustable cushioning magnetic				
CDEP	**Doppio effetto stelo passante non magnetico** Double acting through rod non magnetic				
CDEMP	**Doppio effetto stelo passante magnetico** Double acting through rod magnetic				
CDEAP	**Doppio effetto stelo passante con ammortizzo regolabile non magnetico** Double acting through rod with adjustable cushioning non magnetic				
CDEMAP	**Doppio effetto stelo passante con ammortizzo regolabile magnetico** Double acting through rod with adjustable cushioning magnetic				

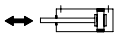
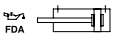
CORSE STANDARD
STANDARD STROKES

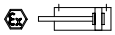
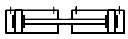
Ø (mm)	Corse standard (mm) Standard strokes (mm)													
250	10	25	40	50	80	100	125	160	200	250	300	320	400	500
320	10	25	40	50	80	100	125	160	200	250	300	320	400	500

FORZE TEORICHE A 6 BAR
THEORETICAL FORCES AT 6 BAR

Ø (mm)	Forza di spinta (N) Thrust force (N)	Forza di trazione (N) Traction force (N)
250	29438	28260
320	48230	46361

VARIANTI
VARIANTS

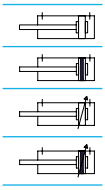
Simbolo Symbol	Caratteristiche Features
	Stelo prolungato Piston rod extension
	Basso attrito Low friction
	Raschia stelo duro in poliestere Hard wiper in polyester
	Lubrificazione FDA FDA lubrication

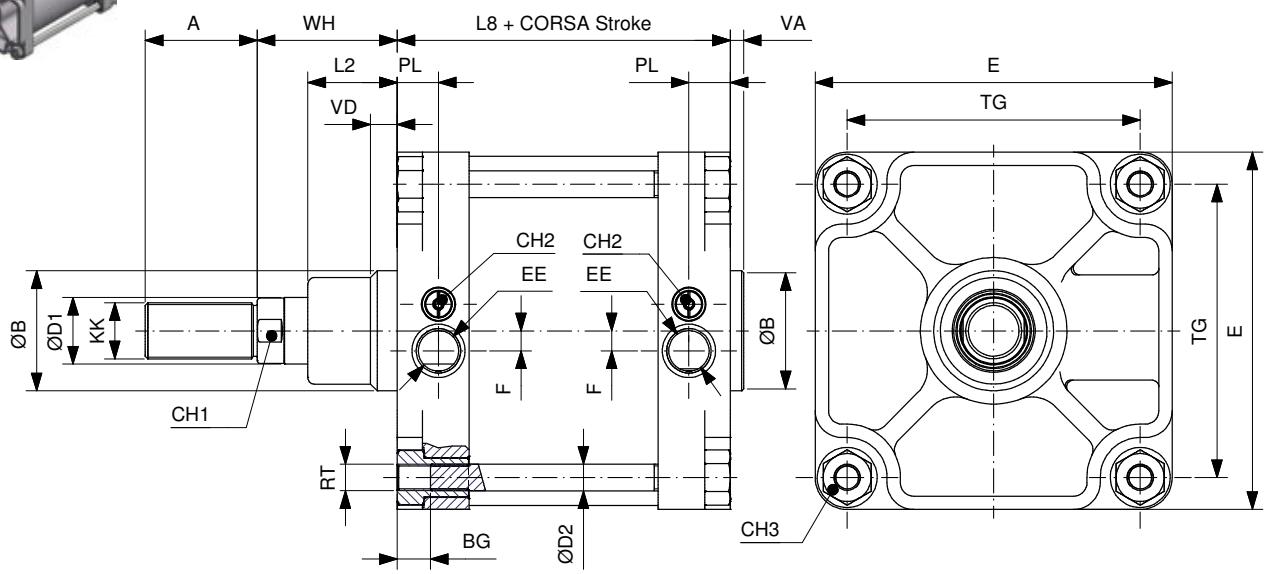
Simbolo Symbol	Caratteristiche Features
	Filettature e steli su richiesta Custom made thread or piston rod
	Certificazione ATEX ATEX certification
	Configurazione tandem contrapposti anteriore Front opposed tandem configuration
	Configurazione tandem contrapposti posteriore Rear opposed tandem configuration

CILINDRI ISO15552 Ø250-320 ISO 15552 CYLINDERS Ø250-320

DOPPIO EFFETTO
DOUBLE ACTING

CDEØ/...X | CDEMØ/...X | CDEAØ/...X | CDEMAØ/...X

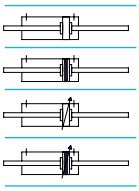


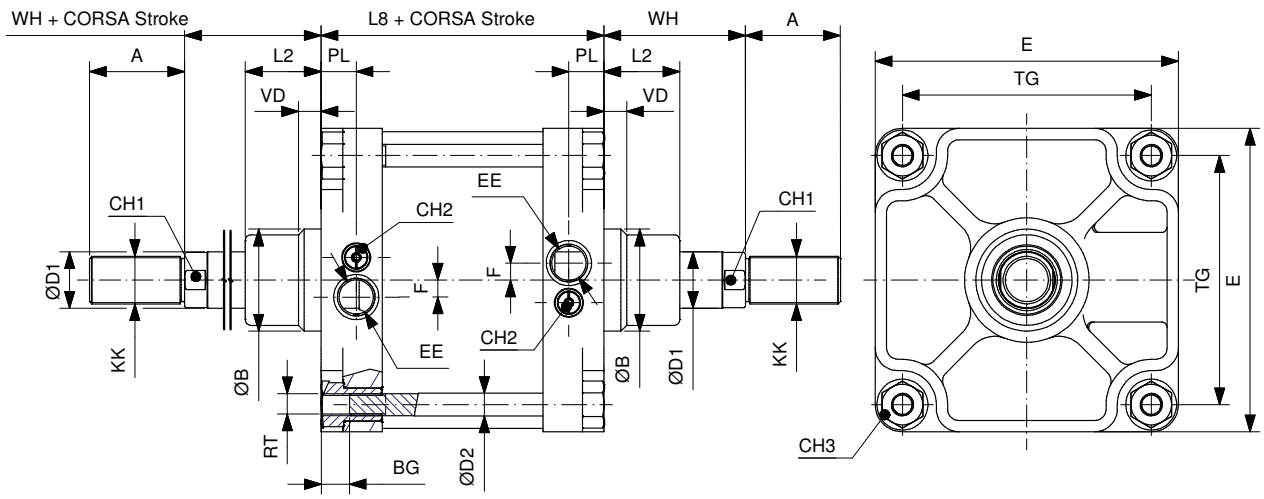


Ømm	ØD1	ØD2	KK	A	ØB	VD	VA	L2	RT	BG	TG	EE	F	PL	WH	L8	E	CH1	CH2	CH3
250	50	20	M42X2	84	90	20	10	67	M20X2.5	25	220	1"G	15	31	105	200	268	46	6	36
320	63	25	M48X2	96	110	20	10	82	M24X3	28	270	1"G	-	31	120	220	340	55	6	46

DOPPIO EFFETTO PASSANTE
DOUBLE ACTING THROUGH PISTON ROD

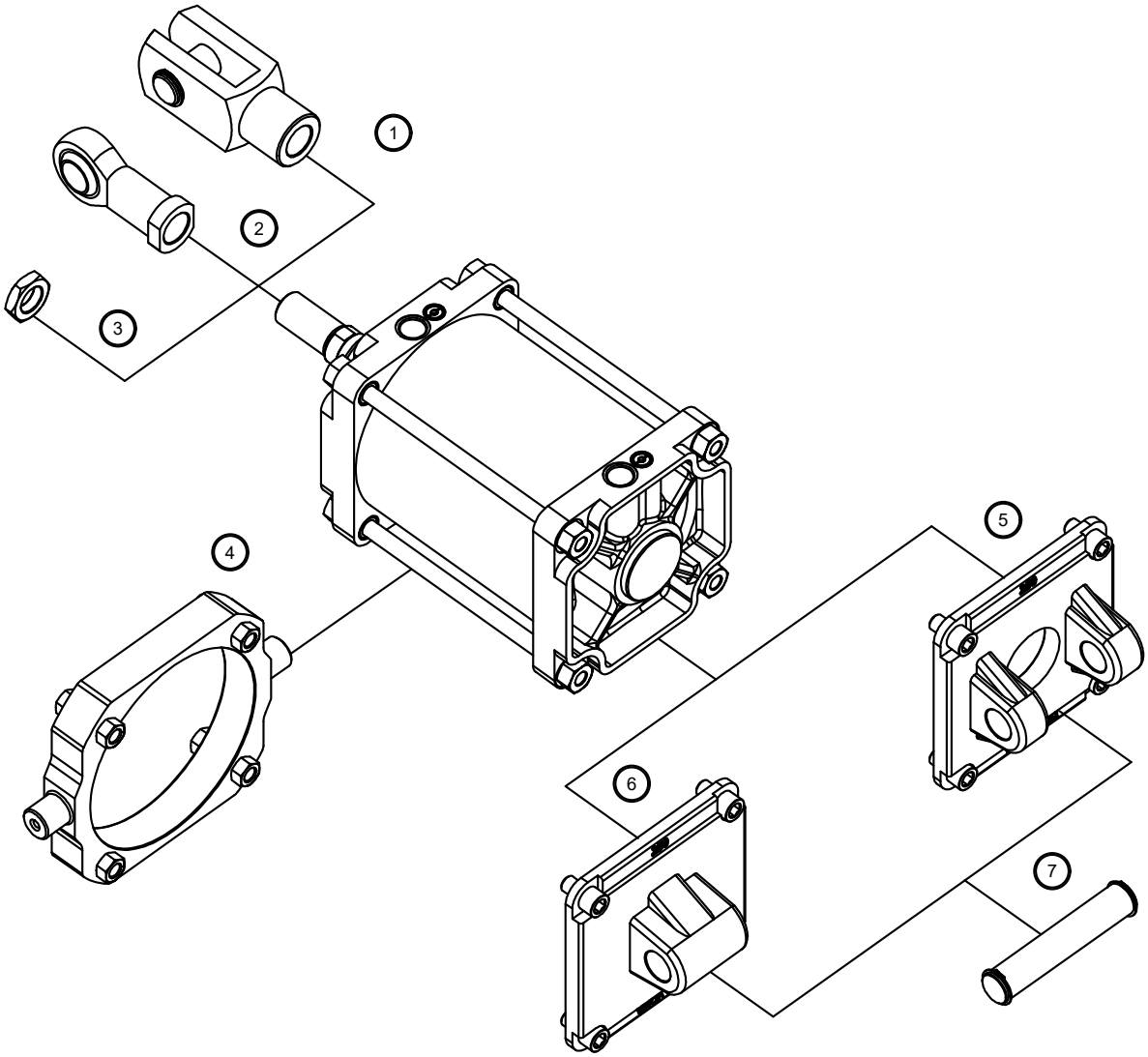
CDEPØ/...X | CDEMPØ/...X | CDEAPØ/...X | CDEMAPØ/...X





Ømm	ØD1	ØD2	KK	A	ØB	VD	L2	RT	BG	TG	EE	F	PL	WH	L8	E	CH1	CH2	CH3
250	50	20	M42X2	84	90	20	67	M20X2.5	25	220	1"G	15	31	105	200	268	46	6	36
320	63	25	M48X2	96	110	20	82	M24X3	28	270	1"G	-	31	120	220	340	55	6	46

ACCESSORI DI FISSAGGIO
MOUNTING ACCESSORIES



	Descrizione Description	Alluminio Alluminium	Accaio Steel
1	**Forcella** / Clevis	-	132
2	**Testa a snodo** / Rod end	-	132
3	**Dado per aste** / Piston rod nut	-	130
4	**Cerniera intermedia per cilindri tirantati** / Intermediate hinge for tie rods cylinders (MT4)	-	143
5	**Cerniera femmina** / Female hinge (MP2)	134	-
6	**Cerniera maschio** / Male hinge (MP4)	135	-
7	**Perno per cerniera femmina** / Pivot for female hinge (AA4)	-	135