CILINDRI ISO15552 Ø32-125
ISO15552 CYLINDERS Ø32-125

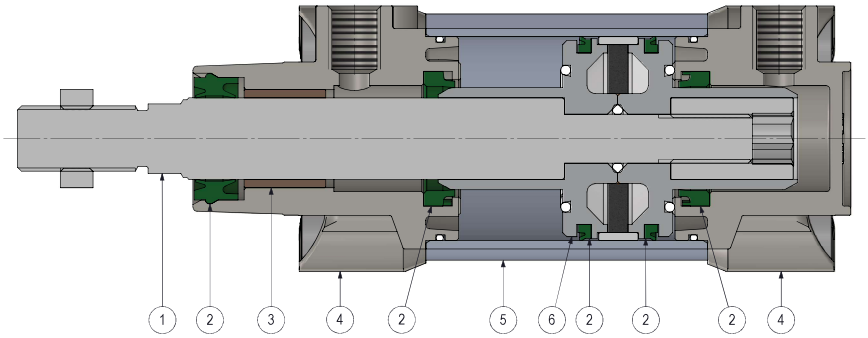
Cilindri realizzati secondo norma ISO15552 disponibili da Ø32 a Ø125 in versione doppio effetto, magnetico e non, ammortizzato e non, e con stelo standard o passante.

- **Testate in alluminio pressofuso verniciato**
- **Guarnizioni in PU per alte performance e lunga durata**
- **Pistone in alluminio con pattino di guida in PTFE**
- **Interamente realizzabili in versione speciale a disegno**

Cylinders produced according to ISO15552 norm from Ø32 up to Ø125 in double acting version, magnetic or not, in cushioned or not configuration and with standard or through piston rod.

- *Painted die-casted aluminum covers*
- *High and long-lasting performances thanks to PU seals*
- *Aluminum piston with PTFE guiding ring*
- *Available in special version according to customer's drawing*

MATERIALI STANDARD / *STANDARD MATERIALS*



Stelo *Piston rod*	**Acciaio cromato** *Chromium plated steel*
Guarnizioni *Seals*	**Poliuretano / NBR** *Polyurethane / NBR*
Boccola di guida *Guiding bush*	**Bronzo sinterizzato** *Sintered bronze*
Testate *Covers*	**Alluminio pressofuso verniciato** *Painted die-casted aluminum*
Tubo *Tube*	**Alluminio anodizzato** *Anodized aluminum*
Pistone *Piston*	**Alluminio** *Aluminum*

INFORMAZIONI TECNICHE / *TECHNICAL INFORMATION*

Fluido *Fluid*	**Aria compressa filtrata lubrificata e non** *Filtered and lubricated or not compressed air*
Temperatura impiego *Working temperature*	**-30°C +80°C con aria secca** *-30°C +80°C with dry air*
Pressione massima *Max pressure*	**10 bar** *10 bar*

CHIAVE DI CODIFICA / *KEY CODE*

Serie *Serie*	Versione *Version*				Diametro *Diameter*	Corsa *Stroke*
SA	**DE**	**0**	**M**	**A**	**080**	**0100**
	DE **Doppio effetto** *Double acting*	**0** **Standard** *Standard*	**M** **Magnetico** *Magnetic*	**A** **Ammortizzato** *Cushioned*	**032** **Ø32**	**XXXX** **corsa** *stroke*
		1 **Passante** *Through rod*	**N** **Non magnetico** *Not magnetic*	**N** **Non ammortizz.** *Not cushioned*	**...**	
					125 **Ø125**	

VARIANTI STANDARD / *STANDARD VARIANTS*

Costruzione *Construction*	Guarnizioni *Seals*	Materiale Stelo *Piston rod material*	Prolunga stelo *Extended piston rod*	Filetto speciale *Special piston rod thread*	Atex *Atex*
G	**E8**	**Y**	**P020**		**T**
G **Tirantato** *Tie rods*	**HR** **Stelo Viton** *Viton rod seal*	**Y** **AISI304** *AISI304*	**PXXX** **P + mm** *P + mm*	**Su richiesta** *On request*	
	HA **Tutto Viton** *All Viton*	**X** **AISI316** *AISI316*			
	E8 **Raschiastelo duro** *Hard plastic scraper*				
	P5 **Guarnizione P5600** *P5600 rod seal*				

Per altre varianti costruttive e di materiali rivolgersi direttamente all'ufficio commerciale.
For other construction and material variants please contact the commercial department.

CILINDRI ISO15552 Ø32-125
ISO15552 CYLINDERS Ø32-125

CORSE STANDARD / *STANDARD STROKES*

Ø	10	25	50	80	100	125	160	200	250	320	400	500
32	*	*	*	*	*	*	*	*	*	*	*	*
40	*	*	*	*	*	*	*	*	*	*	*	*
50	*	*	*	*	*	*	*	*	*	*	*	*
63	*	*	*	*	*	*	*	*	*	*	*	*
80	*	*	*	*	*	*	*	*	*	*	*	*
100	*	*	*	*	*	*	*	*	*	*	*	*
125	*	*	*	*	*	*	*	*	*	*	*	*

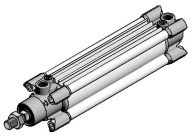
Corse fuori standard disponibili a listino e su richiesta
Not standard strokes available on request and on price list

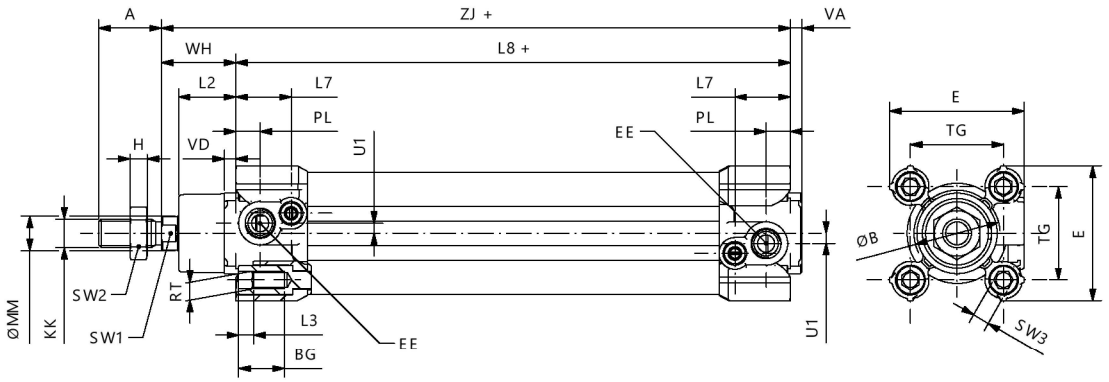
FORZE TEORICHE / *THEORETICAL FORCES*

	F teoriche a 6 bar *Thererical F at 6 bar*	
Ø	**Forza di spinta (N)** *Thrust force (N)*	**Forza di trazione (N)** *Traction force (N)*
32	482	414
40	754	633
50	1178	989
63	1869	1681
80	3014	2720
100	4710	4416
125	7359	6877

DOPPIO EFFETTO
DOUBLE ACTING

SADE0MN - SADE0MA - SADE0NN - SADE0NA

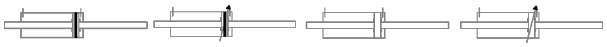




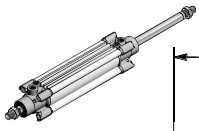
Ø	ØMM	KK	A	ØB	VD	VA	L2	RT	BG	L3	H	SW2	TG	EE	PL	WH	L8	E	SW1	SW3	U1	L7	ZJ
32	12	M10x1,25	22	30	4	4	20	M6	15	5	6	17	32,5	1/8G	8,5	26	94	47	10	6	3,5	19,4	120
40	16	M12x1,25	24	35	4	4	22	M6	15	5	7	19	38	1/4G	10	30	105	52	13	6	4	23	135
50	20	M16x1,5	32	40	4	4	26	M8	16	5	8	24	46,5	1/4G	13,5	37	106	65	17	8	1,5	23	143
63	20	M16x1,5	32	45	4	4	25	M8	16	5	8	24	56,5	3/8G	15	37	121	75	17	8	1	23	158
80	25	M20x1,5	40	45	4	4	32	M10	17	6	9	30	72	3/8G	21	46	128	95	22	10	1	30	174
100	25	M20x1,5	40	55	4	4	38	M10	17	6	9	30	89	1/2G	24	51	138	115	22	10	6	30,5	189
125	32	M27x2	54	60	5	5	40	M12	21	5,5	12	41	110	1/2G	23	65	160	140	27	12	8	27,5	225

+ = sommare corsa / *plus stroke length*

DOPPIO EFFETTO PASSANTE
DOUBLE ACTING THROUGH ROD



SADE1MN - SADE1MA - SADE1NN - SADE1NA



Ø	ØMM	KK	A	ØB	VD	L2	RT	BG	L3	H	SW2	TG	EE	PL	WH	L8	E	SW1	SW3	U1	L7	ZM
32	12	M10x1,25	22	30	4	20	M6	15	5	6	17	32,5	1/8G	8,5	26	94	47	10	6	3,5	19,4	146
40	16	M12x1,25	24	35	4	22	M6	15	5	7	19	38	1/4G	10	30	105	52	13	6	4	23	165
50	20	M16x1,5	32	40	4	26	M8	16	5	8	24	46,5	1/4G	13,5	37	106	65	17	8	1,5	23	180
63	20	M16x1,5	32	45	4	25	M8	16	5	8	24	56,5	3/8G	15	37	121	75	17	8	1	23	195
80	25	M20x1,5	40	45	4	32	M10	17	6	9	30	72	3/8G	21	46	128	95	22	10	1	30	220
100	25	M20x1,5	40	55	4	38	M10	17	6	9	30	89	1/2G	24	51	138	115	22	10	6	30,5	240
125	32	M27x2	54	60	5	40	M12	21	5,5	12	41	110	1/2G	23	65	160	140	27	12	8	27,5	290

+ = sommare corsa / *plus stroke length*
++ = sommare 2 x corsa / *plus stroke length x 2*

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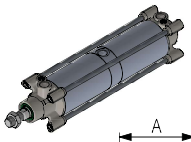
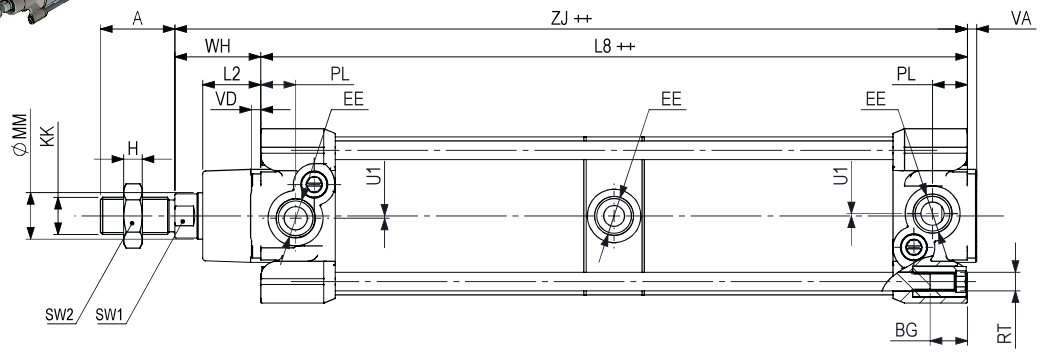
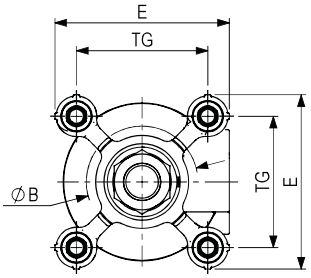
TANDEM DOPPIA SPINTA
DOUBLE THRUST TANDEM



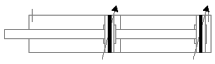


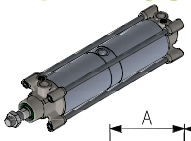


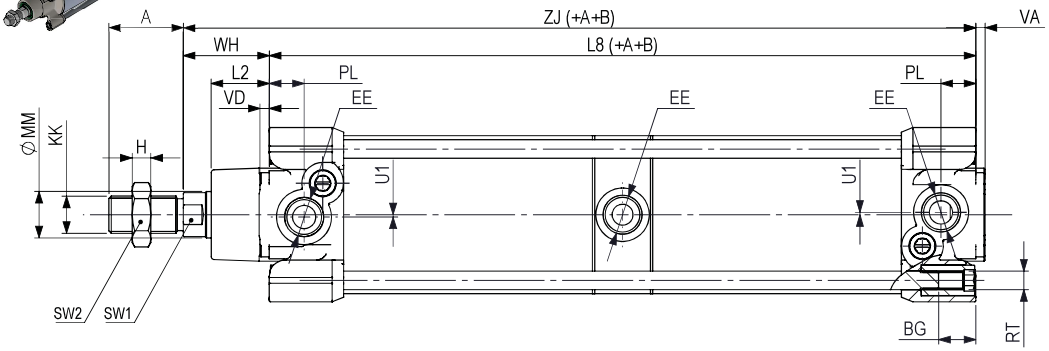
Ø	ØMM	KK	A	ØB	VD	VA	L2	RT	BG	L3	H	SW2	TG	EE	PL	WH	L8	E	SW1	SW3	U1	L7	ZJ
32	12	M10x1,25	22	30	4	4	20	M6	15	5	6	17	32,5	1/8G	8,5	26	156	47	10	6	3,5	19,4	186
40	16	M12x1,25	24	35	4	4	22	M6	15	5	7	19	38	1/4G	10	30	174	52	13	6	4	23	208
50	20	M16x1,5	32	40	4	4	26	M8	16	5	8	24	46,5	1/4G	13,5	37	175	65	17	8	1,5	23	216
63	20	M16x1,5	32	45	4	4	25	M8	16	5	8	24	56,5	3/8G	15	37	204	75	17	8	1	23	245
80	25	M20x1,5	40	45	4	4	32	M10	17	6	9	30	72	3/8G	21	46	206	95	22	10	1	30	256
100	25	M20x1,5	40	55	4	4	38	M10	17	6	9	30	89	1/2G	24	51	226	115	22	10	6	30,5	281
125	32	M27x2	54	60	5	5	40	M12	21	5,5	12	41	110	1/2G	23	65	260	140	27	12	8	27,5	330

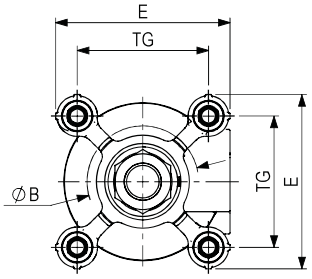
+ = sommare corsa / *plus stroke length*
++ = sommare 2 x corsa / *plus stroke length x 2*

TANDEM MULTI POSIZIONI
MULTI POSITION TANDEM





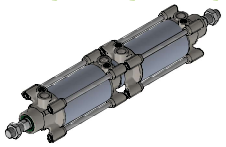


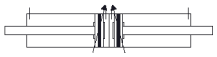


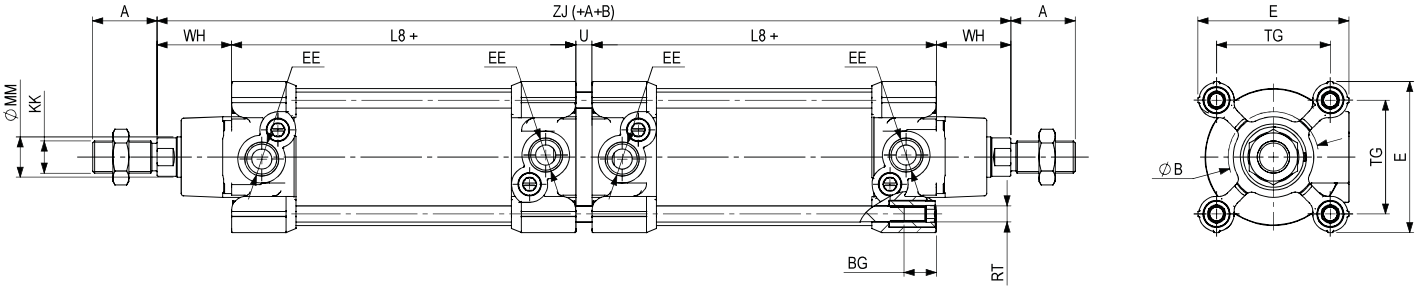
Ø	ØMM	KK	A	ØB	VD	VA	L2	RT	BG	L3	H	SW2	TG	EE	PL	WH	L8	E	SW1	SW3	U1	L7	ZJ
32	12	M10x1,25	22	30	4	4	20	M6	15	5	6	17	32,5	1/8G	8,5	26	156	47	10	6	3,5	19,4	186
40	16	M12x1,25	24	35	4	4	22	M6	15	5	7	19	38	1/4G	10	30	174	52	13	6	4	23	208
50	20	M16x1,5	32	40	4	4	26	M8	16	5	8	24	46,5	1/4G	13,5	37	175	65	17	8	1,5	23	216
63	20	M16x1,5	32	45	4	4	25	M8	16	5	8	24	56,5	3/8G	15	37	204	75	17	8	1	23	245
80	25	M20x1,5	40	45	4	4	32	M10	17	6	9	30	72	3/8G	21	46	206	95	22	10	1	30	256
100	25	M20x1,5	40	55	4	4	38	M10	17	6	9	30	89	1/2G	24	51	226	115	22	10	6	30,5	281
125	32	M27x2	54	60	5	5	40	M12	21	5,5	12	41	110	1/2G	23	65	260	140	27	12	8	27,5	330

+ = sommare corsa / *plus stroke length*
(+A) = corsa 1 / *stroke 1* ; **(+B) = corsa 2** / *stroke 2*

TANDEM BACK TO BACK
BACK TO BACK TANDEM





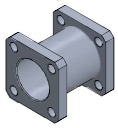


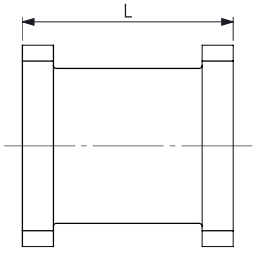
Ø	ØMM	KK	A	ØB	VD	VA	L2	RT	BG	L3	H	SW2	TG	EE	PL	WH	L8	E	SW1	SW3	U	ZJ
32	12	M10x1,25	22	30	4	4	20	M6	15	5	6	17	32,5	1/8G	8,5	26	94	47	10	6	8	248
40	16	M12x1,25	24	35	4	4	22	M6	15	5	7	19	38	1/4G	10	30	105	52	13	6	8	278
50	20	M16x1,5	32	40	4	4	26	M8	16	5	8	24	46,5	1/4G	13,5	37	106	65	17	8	8	294
63	20	M16x1,5	32	45	4	4	25	M8	16	5	8	24	56,5	3/8G	15	37	121	75	17	8	8	324
80	25	M20x1,5	40	45	4	4	32	M10	17	6	9	30	72	3/8G	21	46	128	95	22	10	8	356
100	25	M20x1,5	40	55	4	4	38	M10	17	6	9	30	89	1/2G	24	51	138	115	22	10	8	386
125	32	M27x2	54	60	5	5	40	M12	21	5,5	12	41	110	1/2G	23	65	160	140	27	12	10	460

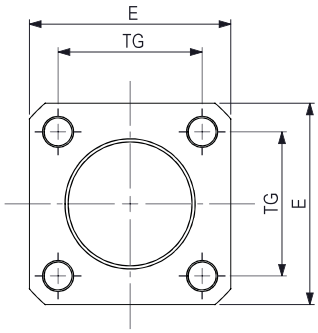
+ = sommare corsa / *plus stroke length*
(+A) = corsa 1 / *stroke 1* ; **(+B) = corsa 2** / *stroke 2*

FLANGIA PER COLLEGAMENTO TANDEM
FLANGE FOR TANDEM ASSEMBLING

FL8 A





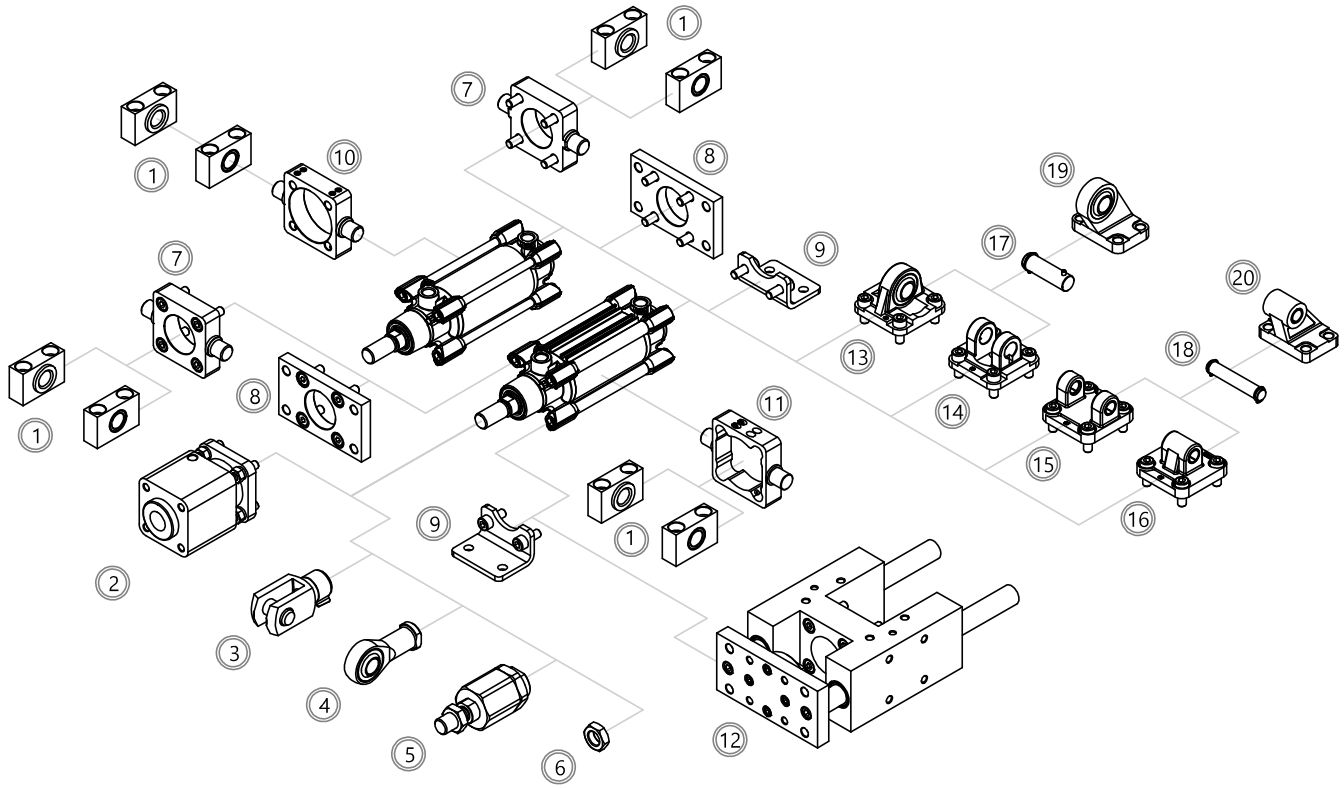


Ø	COD	EE	TG	L
32	FL8032A0S	45	32,5	55
40	FL8040A0S	52	38	55
50	FL8050A0S	65	46,5	68
63	FL8063A0S	75	56,5	68
80	FL8080A0S	95	72	92
100	FL8100A0S	115	89	92
125	FL8125A0S	140	110	120

Per la costruzione di cilindri tandem back-to-back partendo da cilindri standard può essere usata la flangia di collegamento FL8.
ATTENZIONE: la lunghezza del cilindro tandem in questo caso sarà maggiore rispetto alla soluzione standard 3A.

In order to produce tandem back-to-back cylinders starting from standard cylinders it's possible to use the FL8 flange.
ATTENTION: the overall length for this tandem version will be longer than the standard tandem version proposed by 3A.

ACCESSORI DI FISSAGGIO
FIXING ACCESSORIES



	Descrizione *Description*	Alluminio *Aluminum*	Acciaio *Steel*	Acciaio inox *Stainless steel*
1	**Supporto per cerniera intermedia AT4** *Support for intermediate hinge AT4*	-	177	-
2	**Bloccastelo** *Rod lock*	206 - 208	-	-
3	**Forcella** *Clevis*	-	157	185
4	**Testa a snodo** *Rod end*	-	158	185
5	**Giunto autoallineante** *Self-aligning joint*	-	158	-
6	**Dado stelo** *Piston rod nut*	-	159	186
7	**Cerniera anteriore-posteriore MT5/MT6** *Front-rear trunnion MT5/MT6*	-	175	-
8	**Flangia MF1-MF2** *Flange MF1-MF2*	-	173	195
9	**Piedino basso MS1** *Low rise pedestral MS1*	-	173	195
10	**Cerniera intermedia per cilindri tirantati MT4** *Intermediate hinge for tie rods cylinders MT4*	-	175	196
11	**Cerniera intermedia per cilindri profilati MT4** *Intermediate hinge for profiled cylinders MT4*	-	176	-
12	**Unità di guida** *Guide unit*	198	-	-
13	**Cerniera maschio snodata MP6** *Male hinge with spherical head MP6*	167	172	194
14	**Cerniera femmina stretta AB6** *Narrow female hinge AB6*	167	171	193
15	**Cerniera femmina MP2** *Female hinge MP2*	165	170	191
16	**Cerniera maschio MP4** *Male hinge MP4*	165	170	191
17	**Perno antirotazione AA6** *Not rotating pin AA6*	-	168	193
18	**Perno ISO AA4** *ISO Pin AA4*	-	166	192
19	**Articolazione a squadra con testina snodata DIN 648K** *Square joint w spherical head DIN 648K*	-	172	194
20	**Articolazione a squadra AB7** *Square join AB7*	166	171	192

KIT DI MONTAGGIO
MOUNTING KIT

Contenuto del Kit - *Kit parts*
Testata anteriore completa / *Assembled front cover*
Testata posteriore completa / *Assembled rear cover*
Pistone completo / *Complete piston*
Viti fissaggio testate / *Locking screws*
Dado stelo / *Piston rod nut*
Tappi protezione alimentazioni / *Air supply protection caps*

Kit disponibile anche nelle altre versioni
Kit available also in other versions

BARRA STELO
PISTON ROD BAR

Ø cilindro *Ø cylinder*	**Barra stelo in C45** *Piston rod bar in C45*	**Barra stelo in AISI304** *Piston rod bar in AISI304*	**Barra stelo in AISI316** *Piston rod bar in AISI316*	**Ø**
32	V30BRT0612000	V30BRT0412000	V30BRT0512000	12
40	V30BRT0616000	V30BRT0416000	V30BRT0516000	16
50	V30BRT0620000	V30BRT0420000	V30BRT0520000	20
63	V30BRT0620000	V30BRT0420000	V30BRT0520000	20
80	V30BRT0625000	V30BRT0425000	V30BRT0525000	25
100	V30BRT0625000	V30BRT0425000	V30BRT0525000	25
125	V30BRT0632000	V30BRT0432000	V30BRT0532000	32

Barre lunghezza 3 metri
3 meter long bars

BARRA TUBO
TUBE BAR

Ø	**Barra tubo in alluminio anodizzato** *Anodized aluminum tube bar*	**Barra tubo tondo per versione tirantata** *Round tube bar for tie rods version*
32	V30TG00032000	V30TGT0032000
40	V30TG00040000	V30TGT0040000
50	V30TG00050000	V30TGT0050000
63	V30TG00063000	V30TGT0063000
80	V30TG00080000	V30TGT0080000
100	V30TG000A0000	V30TGT00A0000
125	V30TG000C5000	V30TGT00C5000

Barre lunghezza 3 metri
3 meter long bars

Barre tubo e barre stelo disponibili anche lavorate e tagliate a misura / corsa
Tube bars and piston rod bars available also worked and cut at lenght/stroke