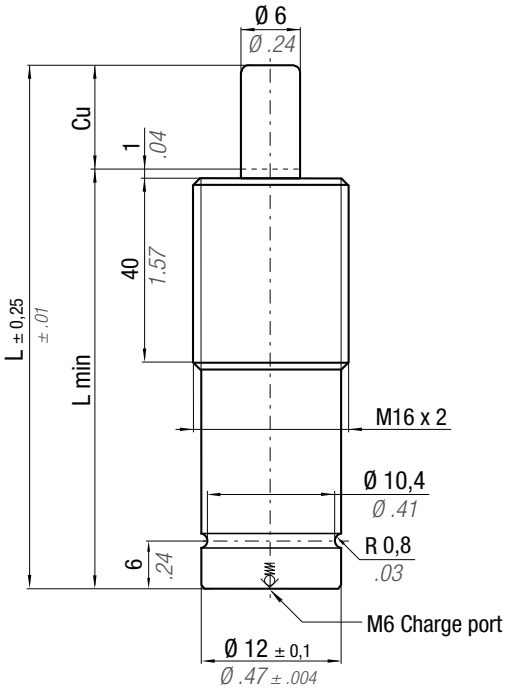
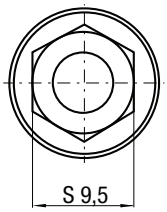
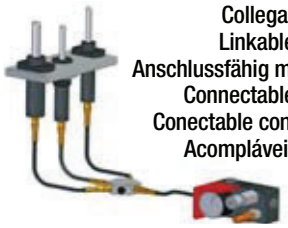




* $F1_i$ =
Isothermal end force at 100% Cu p. 16

** $F1_p$ =
Polytrophic end force at 100% Cu



Collegabile con tubi
Linkable with hoses
Anschlussfähig mit Leitungen
Connectable avec tubes
Conectable con mangueras
Acompláveis com tubos

Micro 32°

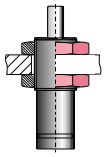
ACTIVE SAFETY

M

Force color code	P bar	P psi	F0 Initial force ± 5% at +20°C +68°F daN	F0 lb
GR	45	653	13	29
BU	90	1305	25	56
RD	135	1958	38	85
YW	180	2610	50	112
BK	20-180	290-2610	6-50	13-112

N_2	0 - 80 °C / 32 - 176 °F	ΔP	P max	P min	S	SPM	Max Speed	Maintenance kit
		± 0,33 %/°C	180 bar / 2610 psi	20 bar / 290 psi	0,28 cm² / 0.043 in²	~ 100 - 150 (at 20°C)	1,8 m/s	Disposable

CODE	Cu mm	Cu inch	L mm	L inch	L min mm	L min inch	$F1_i$ * End force daN	$F1_i$ * End force lb	$F1_p$ ** End force daN	$F1_p$ ** End force lb	V0 cm³	V0 in³	~Kg	~lb	PED 2014/68/EU
M50 - 007 - A - ... - TBM2	7	0.28	56	2.20	49	1.93	1,24 x F0		1,41 x F0		1,2	0.07	0,03	0.07	✓
M50 - 010 - A - ... - TBM2	10	0.39	62	2.441	52	2.05	1,30 x F0		1,50 x F0		1,4	0.09	0,03	0.07	✓
M50 - 013 - A - ... - TBM2	12,7	0.50	67,4	2.65	54,7	2.15	1,35 x F0		1,57 x F0		1,6	0.10	0,03	0.07	✓
M50 - 015 - A - ... - TBM2	15	0.59	72	2.83	57	2.24	1,38 x F0		1,62 x F0		1,8	0.11	0,03	0.07	✓
M50 - 019 - A - ... - TBM2	19	0.75	80	3.15	61	2.40	1,42 x F0		1,69 x F0		2,1	0.13	0,03	0.07	✓
M50 - 025 - A - ... - TBM2	25	0.98	92	3.62	67	2.64	1,47 x F0		1,77 x F0		2,5	0.15	0,03	0.07	✓
M50 - 038 - A - ... - TBM2	38	1.50	118	4.65	80	3.15	1,53 x F0		1,88 x F0		3,5	0.21	0,04	0.09	✓
M50 - 050 - A - ... - TBM2	50	1.97	142	5.59	92	3.62	1,57 x F0		1,95 x F0		4,4	0.27	0,05	0.11	✓
M50 - 063 - A - ... - TBM2	63,5	2.50	172	6.77	108,5	4.27	1,57 x F0		1,93 x F0		5,6	0.34	0,06	0.13	✓
M50 - 075 - A - ... - TBM2	75	2.95	195	7.68	120	4.72	1,59 x F0		1,97 x F0		6,5	0.40	0,06	0.13	✓
M50 - 080 - A - ... - TBM2	80	3.15	205	8.07	125	4.92	1,59 x F0		1,98 x F0		6,9	0.42	0,07	0.15	✓
M50 - 100 - A - ... - TBM2	100	3.94	245	9.65	145	5.71	1,62 x F0		2,02 x F0		8,4	0.51	0,08	0.18	✓
M50 - 125 - A - ... - TBM2	125	4.92	295	11.61	170	6.69	1,64 x F0		2,06 x F0		10,2	0.62	0,09	0.20	✓



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