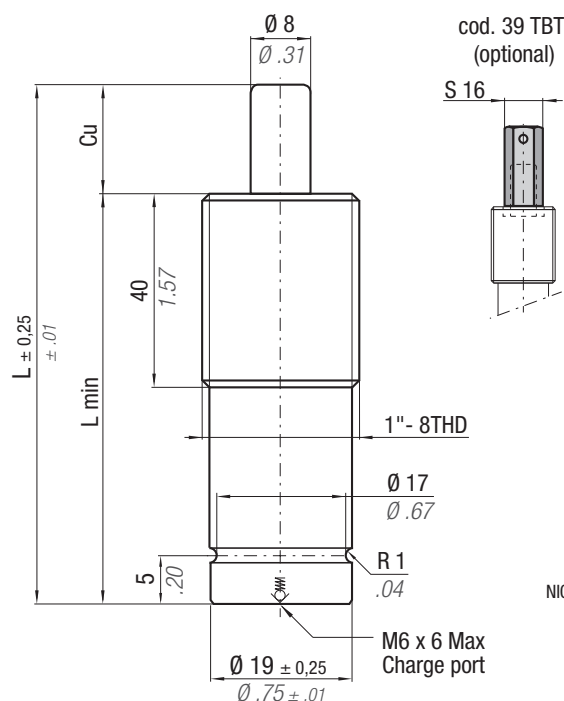
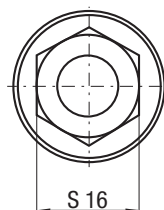
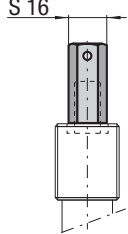


cod. 39 TBT
(optional)

Senza riserva corsa
Without reserve of stroke
Ohne Hubreserve
Sans course de réserve
Sin margen de Carrera
Sem reserva de curso

NON superare 90% Cu
DO NOT exceed 90% Cu
NICHT überschreiten die 90% Cu
NE PAS dépasser 90% Cu
NO superar el 90% Cu
NÃO se excedam os 90% Cu

Il nuovo codice sarà fornito solo ad esaurimento del vecchio -
The new code will be supplied only when the old will be out
of stock - Der neue Kode wird geliefert nur wenn der alte
nicht mehr im Lager ist - Le nouveau code sera fourni unique-
ment lorsque le vieux stock sera écoulé - El nuevo código será
suministrado sólo cuando el viejo está fuera de stock - O novo
código irá ser fornecido apenas quando o antigo esgotar stock

* $F_{1i} =$ Isothermal
end force
at 100% Cu

p. 18

** $F_{1p} =$ Polytrophic
end force
at 100% Cu

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

Micro 32°

Force color code	P		F ₀	
	bar	psi	Initial force ± 5% at +20°C +68°F	
OR	10	145	5	11
PR	20	290	10	22
GR	60	870	30	67
BU	100	1450	50	112
RD	140	2030	70	157
YW	180	2610	90	202
BK	10-180	145-2610	5-90	11-202

ACTIVE
SAFETY

OSAS

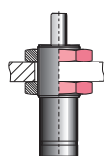


USAS



OPAS

 N2		 °F 32 176	 °C 0 80	ΔP ± 0,33 %/°C	P max 180 bar 2610 psi	P min 10 bar 145 psi	S 0,50 cm² 0.078 in²	SPM ~ 100 - 150 (at 20°C)	Max Speed 1,8 m/s	Maintenance kit Disposable					
CODE PHASING OUT from 05/2019	 NEW	Cu		L		L min		F1i * End force *		F1p ** End force **		Vo			 PED 2014/68/EU
		mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	cm³	in³		
M90-007-A-...-TBI	M90-007-B-...-TBI	7	0.28	56	2.20	49	1.93	1,21 x F0		1,39 x F0		-	-	0,07 0.15	✓
M90-010-A-...-TBI	M90-010-B-...-TBI	10	0.39	62	2.44	52	2.05	1,25 x F0		1,44 x F0		-	-	0,07 0.15	✓
M90-013-A-...-TBI	M90-013-B-...-TBI	12,7	0.50	67,4	2.65	54,7	2.15	1,27 x F0		1,48 x F0		-	-	0,08 0.18	✓
M90-015-A-...-TBI	M90-015-B-...-TBI	15	0.59	72	2.83	57	2.24	1,28 x F0		1,5 x F0		-	-	0,08 0.18	✓
M90-025-A-...-TBI	M90-025-B-...-TBI	25	0.98	92	3.62	67	2.64	1,32 x F0		1,57 x F0		-	-	0,09 0.20	✓
M90-038-A-...-TBI	M90-038-B-...-TBI	38,1	1.50	118,2	4.65	80,1	3.15	1,35 x F0		1,6 x F0		-	-	0,11 0.24	✓
M90-050-A-...-TBI	M90-050-B-...-TBI	50	1.97	142	5.59	92	3.62	1,36 x F0		1,62 x F0		-	-	0,12 0.26	✓
M90-063-A-...-TBI	M90-063-B-...-TBI	63,5	2.50	172	6.77	108,5	4.27	1,36 x F0		1,62 x F0		-	-	0,14 0.31	✓
M90-080-A-...-TBI	M90-080-B-...-TBI	80	3.15	205	8.07	125	4.92	1,37 x F0		1,64 x F0		-	-	0,15 0.33	✓
M90-100-A-...-TBI	M90-100-B-...-TBI	100	3.94	245	9.65	145	5.71	1,37 x F0		1,65 x F0		-	-	0,17 0.37	✓
M90-125-A-...-TBI	M90-125-B-...-TBI	125	4.92	295	11.61	170	6.69	1,38 x F0		1,66 x F0		-	-	0.20 0.44	✓



DI 1" - 8

HOW TO ORDER



INSTALLATION GUIDELINE

