

* F_{1i} =

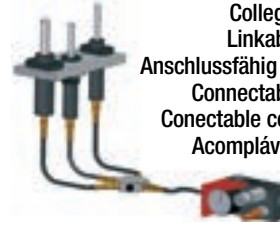
Isothermal
end force
at 100% Cu

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** F_{1p} =

Polytropic
end force
at 100% Cu

**ACTIVE
SAFETY**



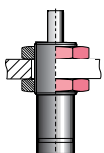
Collegabile con tubi
Linkable with hoses
Anschlussfähig mit Leitungen
Connectable avec tubes
Conectable con mangueras
Acompláveis com tubos

Micro 32°

Force color code	P		F ₀	
	bar	psi	Initial force ± 5% at +20°C +68°F	
			daN	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

	0 - 80 °C 32 - 176 °F	ΔP ± 0,33 %/°C	P max 180 bar 2610 psi	P min 20 bar 290 psi	S 0,28 cm ² 0.043 in ²	SPM ~ 100 - 150 (at 20°C)	Max Speed 1,8 m/s 70.8 in/s	Maintenance kit Disposable
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CODE	Cu		L		L min		F _{1i} *		F _{1p} **		V ₀		~Kg	~lb	PED 2014/68/EU
	mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	cm ³	in ³			
M50-007-A-...-TBI	7	0.28	56	2.20	49	1.93	1,24 x F ₀		1,41 x F ₀		1,2	0.07	0,03	0.07	✓
M50-010-A-...-TBI	10	0.39	62	2.441	52	2.05	1,30 x F ₀		1,50 x F ₀		1,4	0.09	0,03	0.07	✓
M50-013-A-...-TBI	12,7	0.50	67,4	2.65	54,7	2.15	1,35 x F ₀		1,57 x F ₀		1,6	0.10	0,03	0.07	✓
M50-015-A-...-TBI	15	0.59	72	2.83	57	2.24	1,38 x F ₀		1,62 x F ₀		1,8	0.11	0,03	0.07	✓
M50-019-A-...-TBI	19	0.75	80	3.15	61	2.40	1,42 x F ₀		1,69 x F ₀		2,1	0.13	0,03	0.07	✓
M50-025-A-...-TBI	25	0.98	92	3.62	67	2.64	1,47 x F ₀		1,77 x F ₀		2,5	0.15	0,03	0.07	✓
M50-038-A-...-TBI	38	1.50	118	4.65	80	3.15	1,53 x F ₀		1,88 x F ₀		3,5	0.21	0,04	0.09	✓
M50-050-A-...-TBI	50	1.97	142	5.59	92	3.62	1,57 x F ₀		1,95 x F ₀		4,4	0.27	0,05	0.11	✓
M50-063-A-...-TBI	63,5	2.50	172	6.77	108,5	4.27	1,57 x F ₀		1,93 x F ₀		5,6	0.34	0,06	0.13	✓
M50-075-A-...-TBI	75	2.95	195	7.68	120	4.72	1,59 x F ₀		1,97 x F ₀		6,5	0.40	0,06	0.13	✓
M50-080-A-...-TBI	80	3.15	205	8.07	125	4.92	1,59 x F ₀		1,98 x F ₀		6,9	0.42	0,07	0.15	✓
M50-100-A-...-TBI	100	3.94	245	9.65	145	5.71	1,62 x F ₀		2,02 x F ₀		8,4	0.51	0,08	0.18	✓
M50-125-A-...-TBI	125	4.92	295	11.61	170	6.69	1,64 x F ₀		2,06 x F ₀		10,2	0.62	0,09	0.20	✓



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HOW TO ORDER

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INSTALLATION GUIDELINE

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