

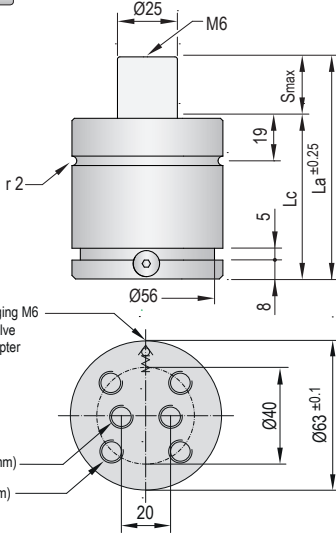


TECAPRES®

Ø63mm · Low compression
850daN

TPB 850.1

VDI SAFETY

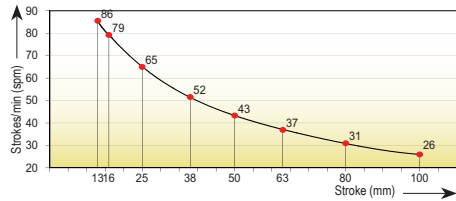


i Pressure medium **Nitrogen (N₂)**

Max. charging pressure	175 Bar
Min. charging pressure	35 Bar
Rod seal area	4,91 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	1,2 m/s
Maintenance kit	Kit B850.1

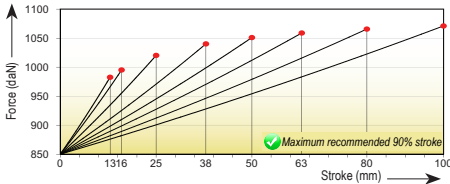


Maximum strokes / minute (at 20°C)

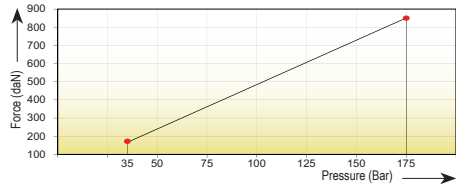


Code	Smax mm	La mm	Lc mm		Fa daN		F daN		Fc daN		P Bar		V l		Kg
TPB 850x13.1	13	70	57	850 ±5% (20°C)			980		995		175 (20°C)		0,047	0,92	
TPB 850x16.1	16	76	60				990		1005				0,054	0,95	
TPB 850x25.1	25	94	69				1010		1030				0,074	1,24	
TPB 850x38.1	38	120	82				1030		1050				0,102	1,32	
TPB 850x50.1	50	144	94				1040		1060				0,128	1,37	
TPB 850x63.1	63	170	107				1045		1070				0,157	1,52	
TPB 850x80.1	80	204	124				1050		1075				0,194	1,68	
TPB 850x100.1	100	244	144				1055		1080				0,238	1,80	

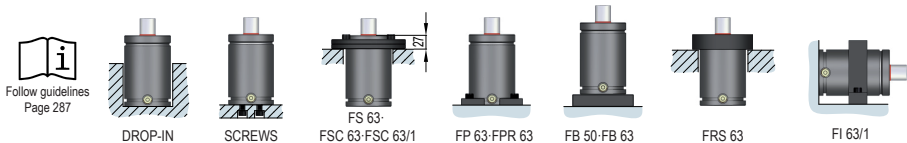
Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines
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TPB

TPHC

TPA

TPG

TPCT

TPSL

STOP CYLINDER

STOP CYLINDER

STOP CYLINDER

TPSR

TPSRS

TPNS

TPHT

