



TECAPRES®

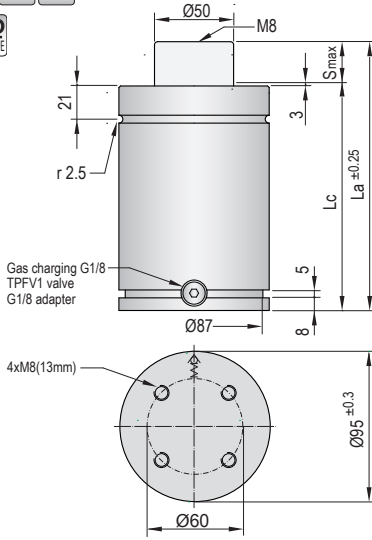
Ø95mm
3000daN

TPS 3000.1

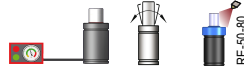
VDI SAFETY



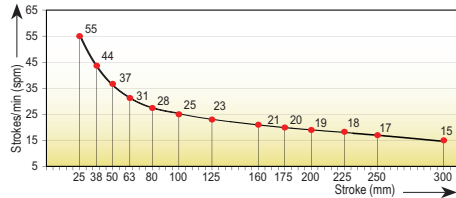
PED
2014/68/EU



- Pressure medium **Nitrogen (N₂)**
- Max. charging pressure **150 Bar**
- Min. charging pressure **35 Bar**
- Rod seal area **19,63 cm²**
- Operating temperature **0°C - 80°C**
- Force increase by temperature **0,33 %/°C**
- Max. stem speed **1,6 m/s**
- Maintenance kit **Kit S3000.1**

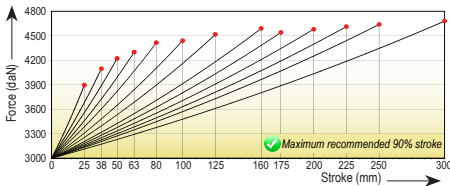


Maximum strokes / minute (at 20°C)

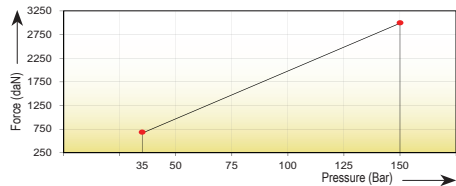


Code	Smax mm	La mm	Lc mm		Fa daN		F daN		Fc daN		P Bar	V l		Kg
TPS 3000x25.1	25	170	145	3000 ±5% (20°C)			3790		3900		150 (20°C)	0,213	5,75	
TPS 3000x38.1	38	196	158				3960		4105			0,279	6,15	
TPS 3000x50.1	50	220	170				4065		4230			0,339	6,53	
TPS 3000x63.1	63	247	184				4045		4220			0,409	6,91	
TPS 3000x80.1	80	280	200				4225		4420			0,490	7,25	
TPS 3000x100.1	100	320	220				4245		4445			0,605	8,00	
TPS 3000x125.1	125	370	245				4305		4520			0,731	8,15	
TPS 3000x160.1	160	440	280				4365		4595			0,907	9,24	
TPS 3000x175.1	175	470	295				4325		4545			1,013	9,60	
TPS 3000x200.1	200	520	320				4355		4585			1,138	10,31	
TPS 3000x225.1	225	570	345				4385		4620			1,264	11,36	
TPS 3000x250.1	250	620	370				4405		4645			1,390	11,90	
TPS 3000x300.1	300	720	420				4440		4685			1,641	14,87	

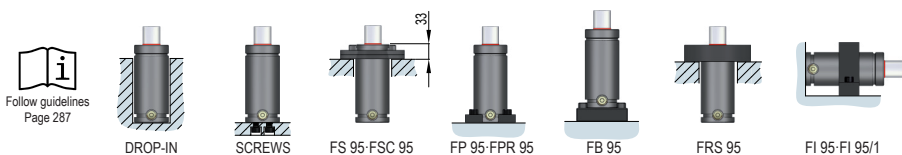
Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



TPS

TPSP

TPF

TPK

TPC

TPR

TPB

TPHC

TPA

TPG

TPCT

TPSL

STOP
CYLINDER

STOP
CYLINDER

TPSR

TPSRs

TPNS

TPHT

