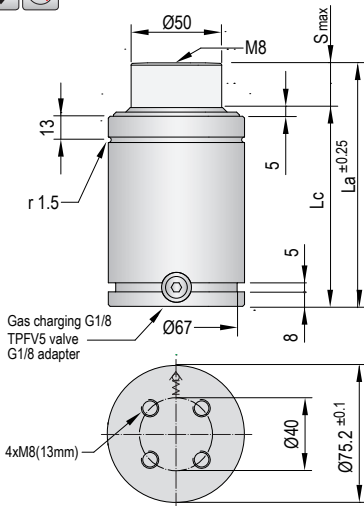


VDI SAFETY

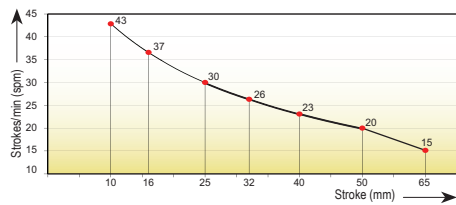


i Pressure medium **Nitrogen (N₂)**

Max. charging pressure	140 Bar
Min. charging pressure	50 Bar
Piston seal area	31,17 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	25 m/min
Maintenance kit	Kit FS4700.3

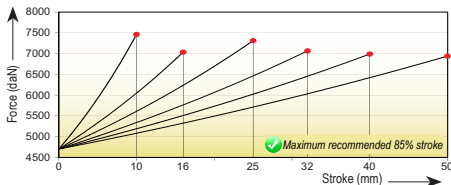


Maximum strokes / minute (at 20°C)

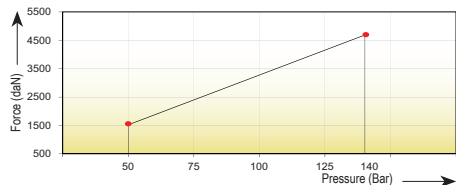


Code	Smax mm	La mm	Lc mm		Fa daN		F daN		Fc daN		P Bar	V l		Kg				
TPFS 4700x10.3	10	80	70	4700 ±5% (20°C)	6605		6605		7120	140 (20°C)	0,091	1,55		1,55				
TPFS 4700x16.3	16	106	90												6410	6860	0,157	1,83
TPFS 4700x25.3	25	135	110												6605	7125	0,227	2,15
TPFS 4700x32.3	32	167	135												6440	6900	0,310	2,37
TPFS 4700x40.3	40	200	160												6400	6845	0,394	2,70
TPFS 4700x50.3	50	240	190												6385	6825	0,495	3,10
TPFS 4700x65.3	65	273	208												6725	7290	0,565	3,65

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



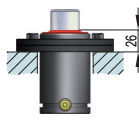
Follow guidelines
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DROP-IN



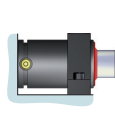
SCREWS



FSCS 75



FP 75-FPR 75



FI 75-FI 75/1

TPF

TPK

TPC

TPR

TPB

TPHC

TPA

TPG

TPCT

TPSL

STOP

CYLINDER

STOP

CYLINDER

TPSR

TPSRs

TPNS

TPHT

