



VDI SAFETY



MICRO

TITAN

TPH

TPS

TPSP

TPF

TPK

TPC

TPR

TPB

TPHC

TPA

TPG

TPCT

TPSL

STOP CYLINDER

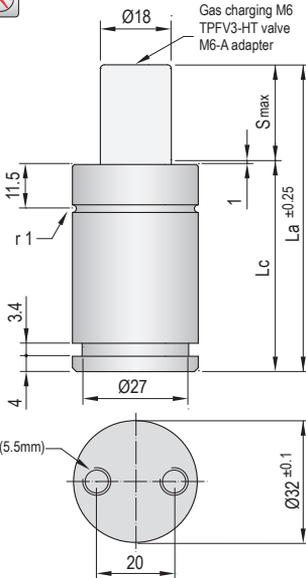
STOP CYLINDER

TPSR

TPSRS

TPNS

TPHT



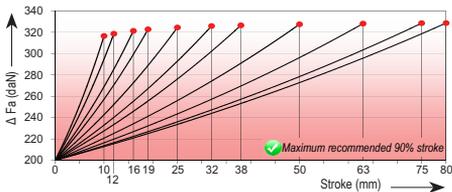
i Pressure medium **Nitrogen (N₂)**

Max. charging pressure	80 Bar
Min. charging pressure	25 Bar
Rod seal area	2,54 cm ²
Operating temperature	0°C - 120°C
Force increase by temperature	0,33 %/°C
Max. stem speed	0,5 m/s
Maintenance kit	Kit HT32
Max. strokes / min	10 - 20 spm
Life service	300.000 + 500.000 strokes

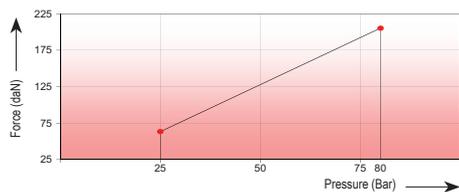


Code	Smax mm	La mm	Lc mm		Fa daN	90%	F daN	100%	Fc daN		P Bar	V l		Kg	
TPHT 32x10	10	50	40	200 ±5% (20°C)		305	320	305	325	80	(20°C)	0,007	0,16		
TPHT 32x12	12	54	42											0,008	0,17
TPHT 32x16	16	62	46											0,011	0,18
TPHT 32x19	19	68	49											0,013	0,19
TPHT 32x25	25	80	55											0,017	0,20
TPHT 32x32	32	94	62											0,021	0,22
TPHT 32x38	38	106	68											0,025	0,24
TPHT 32x50	50	130	80											0,033	0,28
TPHT 32x63	63	156	93											0,041	0,33
TPHT 32x75	75	180	105											0,049	0,36
TPHT 32x80	80	190	110											0,052	0,38

Force/stroke ratio



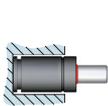
Initial force/charging pressure ratio



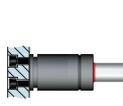
Assembly possibilities



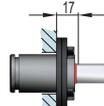
Follow guidelines
Page 287



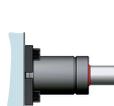
DROP-IN



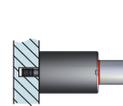
SCREWS



FS 32 · FS 32/1 · FSC 32



FP 32 · FPR 32



TPHT 32R