



TPHC

TPA
TPG

TPCT

TPSL

STOP
CYLINDER

STOP
CYLINDER

TPSR

TPSRs

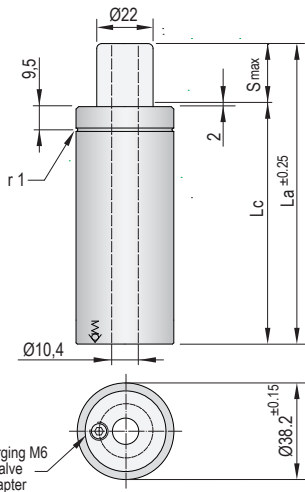
TPNS

TPHT

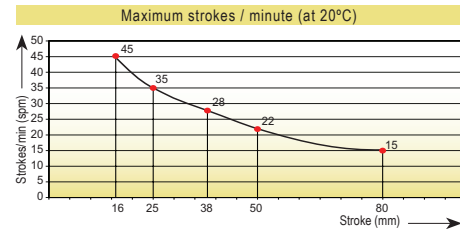


Hohlkolbenzylinder

Code	ØBody mm	Strokes mm	Fa daN
TPHC 300	38	16 - 80	300
TPHC 600	50	16 - 80	600
TPHC 2500	75	16 - 80	2500

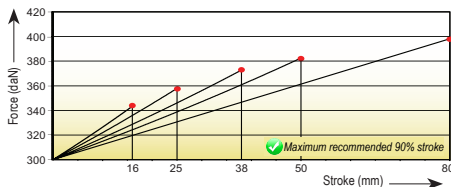


Pressure medium	Nitrogen (N ₂)
Max. charging pressure	150 Bar
Min. charging pressure	35 Bar
Rod seal area	2,04 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	0,5 m/s
Maintenance kit	Kit HC300

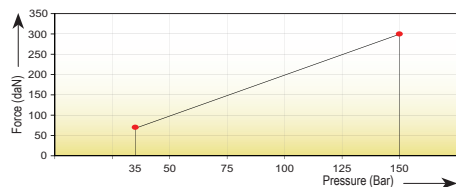


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPHC300X16	16	108	92	300 ±5% (20°C)	345	350	150 (20°C)	0,025	0,35
TPHC300X25	25	126	101		355	365		0,031	0,40
TPHC300X38	38	152	114		370	380		0,040	0,51
TPHC300X50	50	176	126		380	390		0,047	0,58
TPHC300X80	80	236	156		390	405		0,066	0,71

Force/stroke ratio



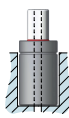
Initial force/charging pressure ratio



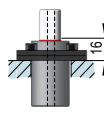
Einbaumöglichkeiten



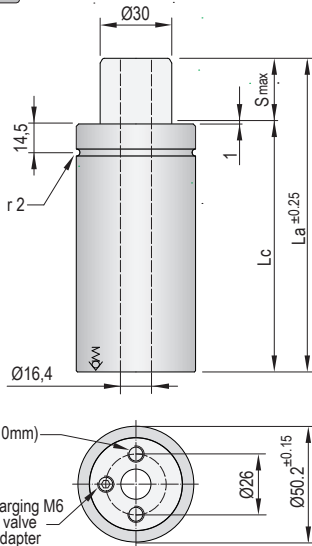
Hinweise beachten
Seite 287



DROP-IN



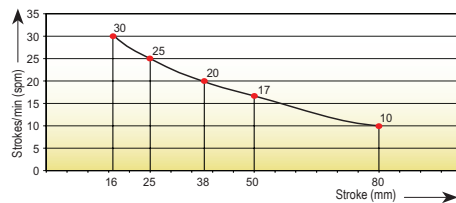
FS 38-FSC 38



i Pressure medium	Nitrogen (N ₂)
Max. charging pressure	150 Bar
Min. charging pressure	35 Bar
Rod seal area	3,93 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	0,5 m/s
Maintenance kit	Kit HC600

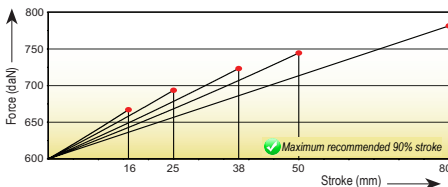


Maximum strokes / minute (at 20°C)

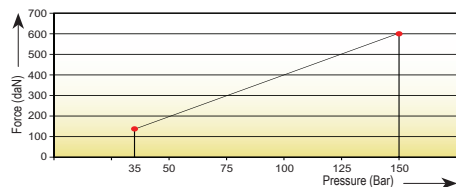


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPHC600x16	16	112	96	600 ±5% (20°C)	650	655	150 (20°C)	0,063	0,70
TPHC600x25	25	130	105		670	680		0,073	0,91
TPHC600x38	38	156	118		695	710		0,088	1,12
TPHC600x50	50	180	130		715	730		0,101	1,28
TPHC600x80	80	240	160		745	765		0,135	1,62

Force/stroke ratio



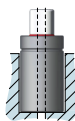
Initial force/charging pressure ratio



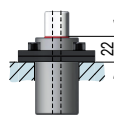
Einbaumöglichkeiten



Hinweise beachten
Seite 287

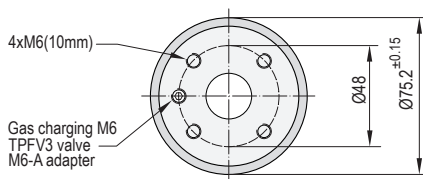
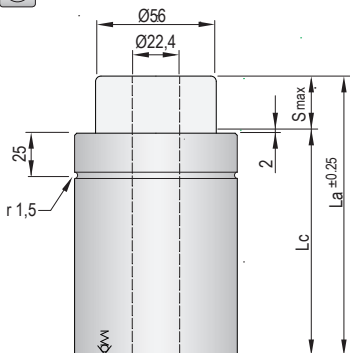


DROP-IN



FS 50-FSC 50



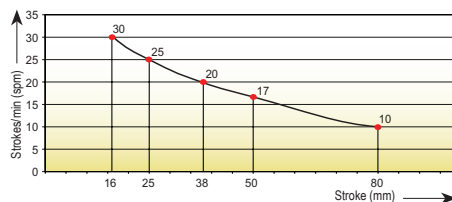


i Pressure medium **Nitrogen (N₂)**

Max. charging pressure	150 Bar
Min. charging pressure	35 Bar
Rod seal area	16,58 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	0,5 m/s
Maintenance kit	Kit HC2500

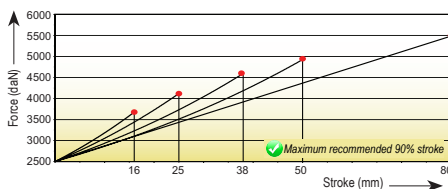


Maximum strokes / minute (at 20°C)

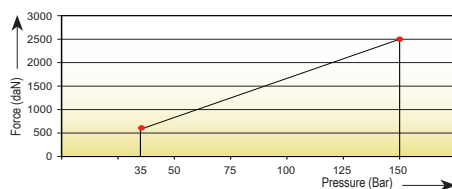


Code	Smax mm	La mm	Lc mm	 Fa daN	 F daN	 Fc daN	 P Bar	V l	 Kg
TPHC2500x16	16	122	106	2500 ±5% (20°C)	3495	3660	150 (20°C)	0,083	2,03
TPHC2500x25	25	140	115		3850	4095		0,106	2,20
TPHC2500x38	38	166	128		4220	4575		0,138	2,60
TPHC2500x50	50	190	140		4470	4900		0,168	3,35
TPHC2500x80	80	250	170		4875	5460		0,244	3,80

Force/stroke ratio



Initial force/charging pressure ratio



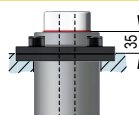
Einbaumöglichkeiten



Hinweise beachten
Seite 287



DROP-IN



FS 75-FSC 75