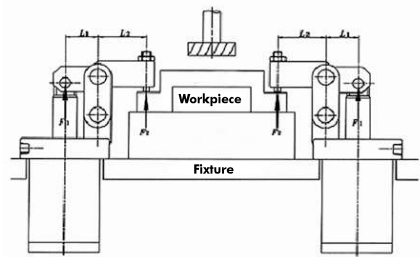


■ Clamping Drawing



■ Theoretical Force Table for Double Acting

Bore (mm)	Ø25	Ø32	Ø40	Ø50	Ø63
Section Area (cm ²)	4.91	8.04	12.57	19.63	31.17
F1 Push Force (kgf)	122.75	201.00	314.25	490.75	779.25
L1 (mm)	18	22	24	27.5	32
Torque (kg.m)	2.21	4.42	7.54	13.49	24.94
L2 (mm)	23	30	32	36	42
F2 Theoretical Force min. (kgf)	96	147	236	375	594

Hydraulic Thread Clamps

TC Series

油壓小頂缸



Description

This threaded-body clamping cylinder is applied to a condition of knocking-out, and applies a clamping force on a workpiece within a stroke in order to secure the workpiece. The mounting manner for this threaded-body clamping cylinder is shown as the following drawing illustrating suggested dimensions of devices, and this mounting needs a Teflon packing in order to avoid oil leakage.

Type

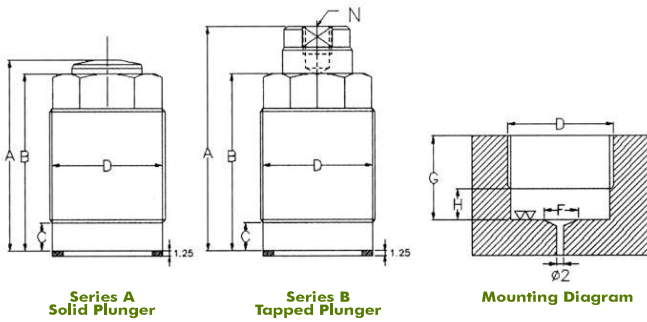
Series A: Knocking-out heads without female thread
Series B: Knocking-out heads with female thread

Ordering example (訂購範例) :

TC	-	12	A
Base No.		Piston Ø	Series
		12	A: without female thread
		16	B: with female thread
		20	
		25	

Flowtek

TC



	TC-12A	TC-16A	TC-20A	TC-25A	TC-12B	TC-16B	TC-20B	TC-25B
Operating Oil Pressure 操作壓力	20-350 kg/cm ²							
Acting Type 作動型式	Single Acting 單動							
Stroke S(mm) 行程	10	12	15	16	10	12	15	16
Piston Rod Ø(mm) 活塞桿直徑	12	16	20	25	12	16	20	25
Clamping Force (200 kg/cm ²) 夾持力	200(kg)	400(kg)	620(kg)	980(kg)	200(kg)	400(kg)	620(kg)	980(kg)
A (mm)	38	46.5	56	57	45	52	64.5	67
B (mm)	36	44.5	54	55	36	44.5	54	55
C (mm)	7	8	8	11	7	8	8	11
D (mm)	M22x1.5	M26x1.5	M30x1.5	M38x1.5	M22x1.5	M26x1.5	M30x1.5	M38x1.5
F (mm)	12	16	20	25	12	16	20	25
G (mm)	16	20	24	28	16	20	24	28
H (mm)	6	7	7	10	6	7	7	10
N (mm)	-----	-----	-----	-----	M6x1	M6x1	M8x1.25	M8x1.25
Weight(kg) 重量	0.07	0.14	0.22	0.37	0.08	0.15	0.24	0.4

Hydraulic Work Clamps

SP Series 油壓支撐缸



Description

This threaded-body clamping cylinder is applied to a condition of knocking-out, and applies a clamping force on a workpiece within a stroke in order to secure the workpiece. The mounting manner for this threaded-body clamping cylinder is shown as the following drawing illustrating suggested dimensions of devices, and this mounting needs a Teflon packing in order to avoid oil leakage.

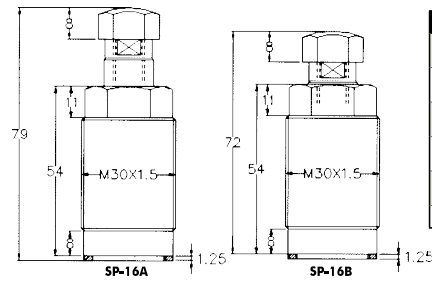
Type

- Series A: spring advance
- Series B: hydraulic advance

Ordering example (訂購範例) :

SP	-	16	A	-	L
Base No.	-	Piston Ø	Type	-	Operating Pressure
			A: spring advanced		Blank:
			B: hydraulic advanced		100-350 kg/cm ²
					L: 25-70 kg/cm ²

SP



	SP-16A	SP-16B
Operating Oil Pressure 操作壓力	100-350 kg/cm ²	
Acting type 作動型式	Single Acting 單動	
Clamping Stroke (mm) 夾持行程	8	
Piston Rod Ø(mm) 活塞桿直徑	16	
Supporting Force (200kg/cm ²) 支撐力	210(kg)	
Weight 重量 (kg)	0.3	0.3

