

# TC 螺栓式單動油壓缸

Threaded-Body Single Acting Hydraulic Cylinder

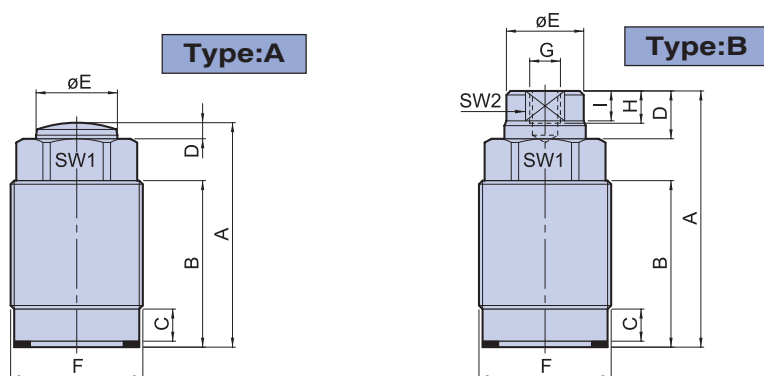
• Rod:  $\phi 12$ - $\phi 25$ mm • Pmax: 500kg/cm<sup>2</sup>

## 產品簡介

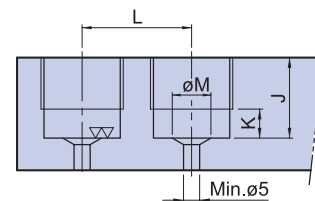
- 螺栓式單動油壓缸採用進口油封及零件，高壓夾持中保持長時間不漏油。
- 螺栓式單動油壓缸體積小，使用於夾具上，能在最小空間中排列使用。
- 此型式油壓缸使用於頂出場合，彈簧退回，無法使用於拉式場合。
- 安裝時頂桿與工件接觸角度請勿大於10°。
- 缸體底部需置放1只鎖緊防漏墊圈。

## Product Introduction

- The threaded body single acting hydraulic cylinder employs imported oil seal and parts to assure quality dependability, which minimizes oil leakage. No oil leakage during high pressure clamping for a long time.
- Compact construction permits several units operated for clamping in a small space.
- This type of hydraulic cylinder is used for ejecting with return by spring, which can not be used for pulling application.
- When installing, keep the contact angle between the rod and workpiece no larger than 10°.
- A leak-proof gasket is required to place under the bottom of cylinder barrel.



安裝底座示意圖  
Mounting base diagram



## Dimensional table

UNIT:mm

MODEL		TC-12A	TC-16A	TC-20A	TC-25A	TC-12B	TC-16B	TC-20B	TC-25B
頂桿直徑 Rod size	mm	12	16	20	25	12	16	20	25
頂桿行程 Rod stroke	mm	10	12	15	16	10	12	15	16
理論夾持力 Clamping force	100Kg/cm <sup>2</sup>	110	200	300	490	110	200	300	490
	500Kg/cm <sup>2</sup>	570	1000	1570	2460	570	1000	1570	2460
彈簧回復力量 Spring restoring force	Min Kg	2.5	5	7	12	2.5	5	7	12
最小操作壓力 Min. pressure	Kg/cm <sup>2</sup>	10	10	10	10	10	10	10	10
需油量 Oil needed	cc /10mm stroke	1.13	2.01	3.14	4.91	1.13	2.01	3.14	4.91
<b>A</b>		38	46.5	56	59.5	45	52.5	65.5	68.5
<b>B</b>		25	33	42	44.5	25	33	42	44.5
<b>C</b>		7	8	8	11	7	8	8	11
<b>D</b>		3	3.5	4	5	10	9.5	13.5	14
<b>øE</b>		12	16	20	25	11	15	19	23
<b>F</b>		M22 x 1.5	M26 x 1.5	M30 x 1.5	M38 x 1.5	M22 x 1.5	M26 x 1.5	M30 x 1.5	M38 x 1.5
<b>G</b>		—	—	—	—	M6 x 1.0	M6 x 1.0	M8 x 1.25	M8 x 1.25
<b>H</b>		—	—	—	—	6	6	8	8
<b>I</b>		—	—	—	—	5.5	5.5	6	7
<b>J</b>	Min/Max	16/24	20/32	24/41	28/44	16/24	20/32	24/41	28/44
<b>K</b>	Max	8	9	9	11	8	9	9	11
<b>L</b>	Min	25	30	35	43	25	30	35	43
<b>M</b>	Min/Max	9/12	12/16	14/20	18/25	9/12	12/16	14/20	18/25
<b>SW1</b>		17	22	24	32	17	22	24	32
<b>SW2</b>		—	—	—	—	10	13	17	19