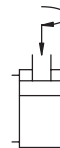


Hydraulic Swing Clamp Cylinder

• Bore:ø25-ø63mm • Pmax:100kg/cm²

產品簡介

- 本產品適用於量產零件之專用機及MC治具，提高生產效率最佳幫手。
- 主要功能為油壓缸作動時，活塞下壓行程中壓板會旋轉到設計的角度，再沿著直線繼續下壓直到壓板夾緊工件。
- 建議使用油壓轉角缸，請加裝流量控制閥，避免速度過快，以及轉角行程中，請勿夾持工件，避免損壞缸體及內部零件。
- 壓板需增加長度時，請勿大於原長之1.5倍。
- 缸體材質採用機械構造用炭素鋼，內壁特殊加工處理，表面光滑，使用壽命長。



Product Introduction

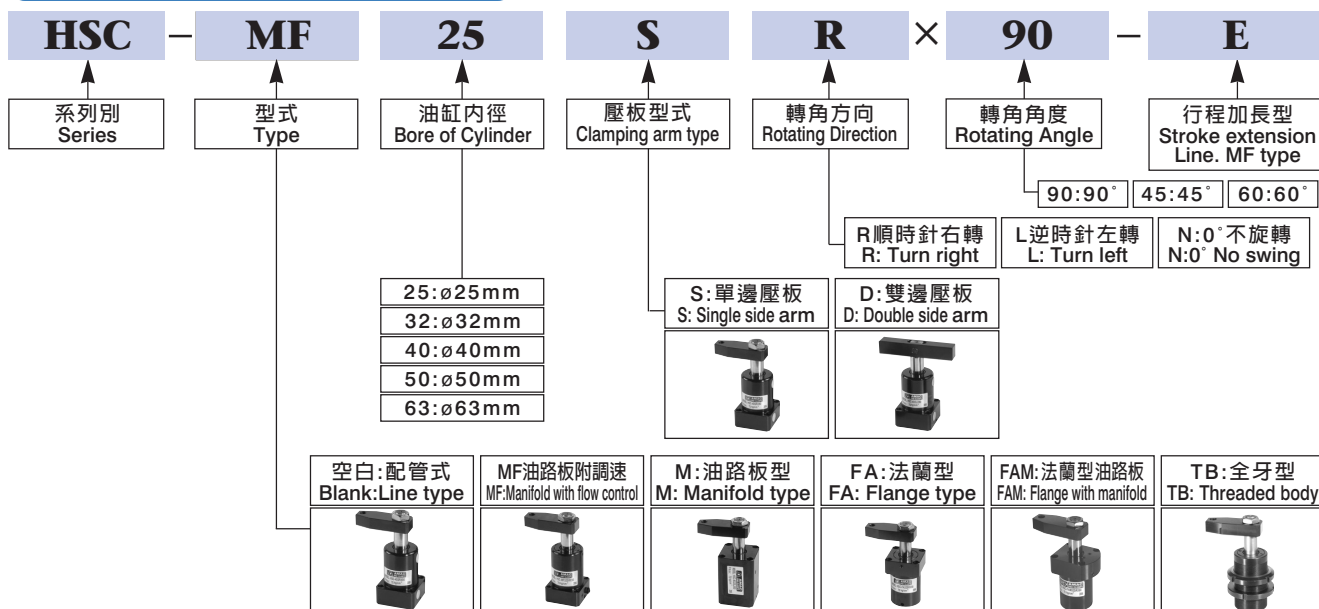
- The product is ideal for mass production on a special purpose machine and jig on machining center. It will greatly upgrade production efficiency.
- When the hydraulic cylinder actuate, and the piston moves downward, the clamping arm will swing to a rated angle. Then it lowers until the workpiece is clamped securely.
- To avoid too fast motion a flow control valve is suggested to connect to the hydraulic swing clamp cylinder. Do not clamp workpiece while the calmp is swinging to avoid damaging on the cylinder barrel and internal parts.
- When increasing length of clamping arm is required, be sure do not exceed 1.5 times of the original length.
- The cylinder body is manufactured from structural carbon steel. Surface is specially treated for maximum smoothness on inside surface and long service life.



特性資料 Specifications

油缸內徑	Bore of cylinder	mm	ø25	ø32	ø40	ø50	ø63
活塞桿徑	Piston rod diameter	mm	ø18	ø20	ø22.4	ø28	ø35
轉角行程	Swing stroke	mm	9	11	11	13	13
垂直行程 標準/加長	Clamping stroke std/Incr	mm	13	15 / 30	15 / 30	17 / 34	17 / 34
受壓面積 拉入/推出	Pressure area pull/push	cm²	2.37 / 4.91	4.9 / 8.04	8.63 / 12.57	13.47 / 19.63	21.55 / 31.17
理論夾持力	Theoretical clamping	30kg/cm²	71	147	259	404	647
使用流體	Fluid	已濾清之標準液壓油 Filtered hydraulic oil					
最大操作壓力	Max operation pressure	100Kg/cm²					
操作壓力範圍	Operation pressure range	5-70Kg/cm²					
轉角方向	Rotating direction	順時針右轉R或逆時針左轉L Turn right R or turn left L					
轉角角度	Rotating angle	標準角度 90 選擇角度 0° . 45° . 60° Standard angle 90°, Optional angle 0°, 45°, 60°					
作動方式	Acting type	複動式 Double acting					

訂購標示法 Ordering Code



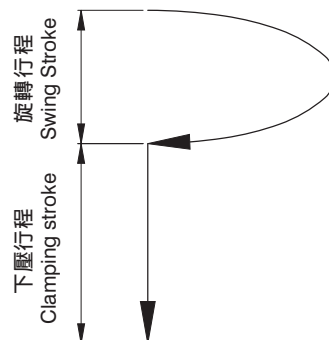
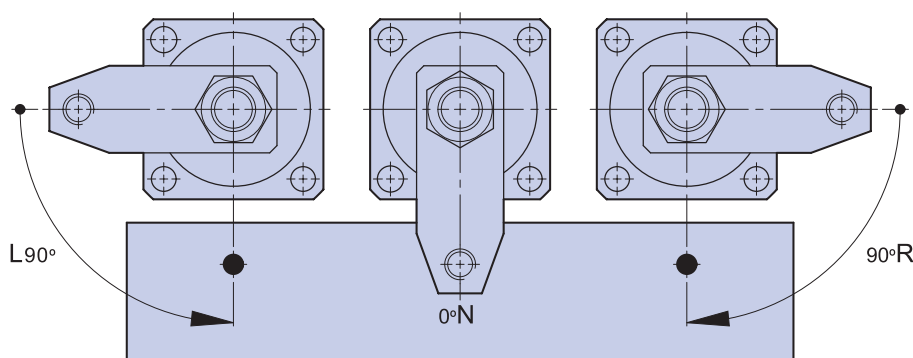
HSC 油壓轉角缸

Hydraulic Swing Clamp Cylinder

• Bore: $\varnothing 25$ - $\varnothing 63$ mm • Pmax: 100kg/cm²

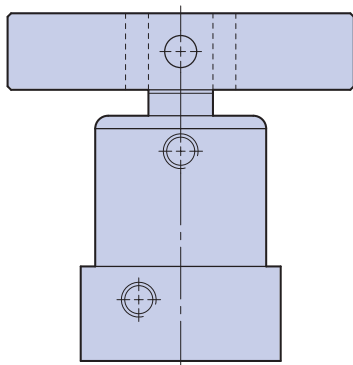
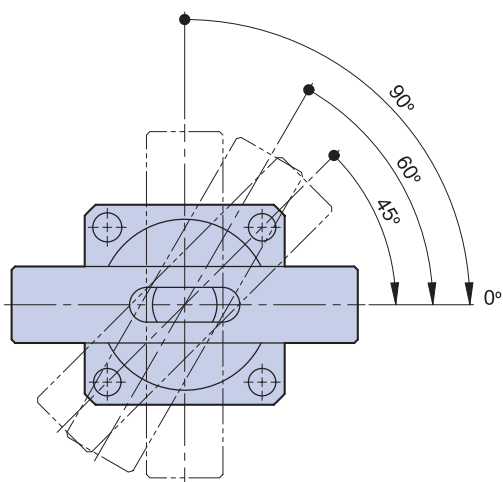
單邊壓板旋轉示意圖

Single Side Swing Clamp



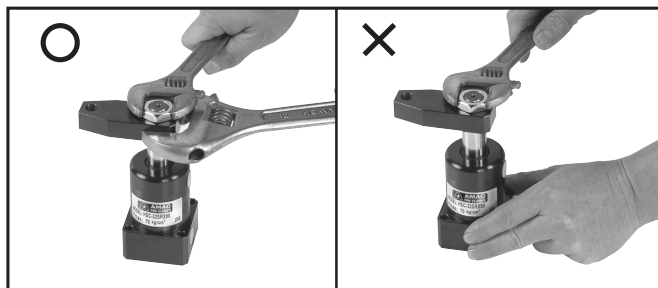
雙邊壓板旋轉示意圖

Double Side Swing Clamp



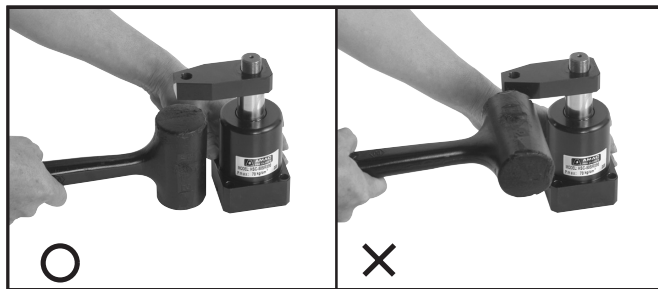
壓板鎖緊操作方式

Clamping Arm Mounting Methods



壓板拆卸操作方式

Clamping Arm Removing Methods



網址: www.fdzc.net 联系人: 程家雄 手机: 13601809714

联系电话: 021-51872743

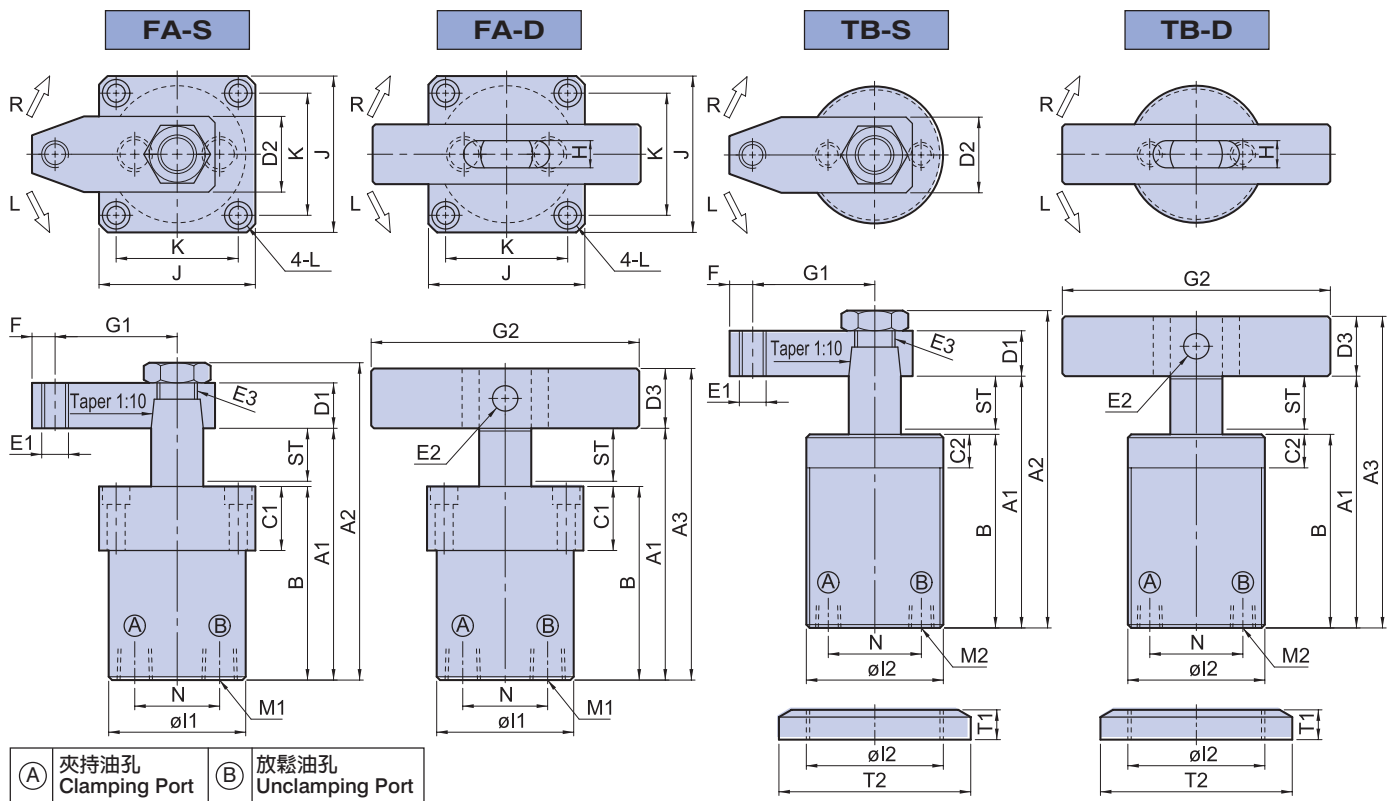
E-mail: chengff@sh163.net

HSC 油壓轉角缸 FA法蘭型/TB全牙型

Flange type / Threaded body

Hydraulic Swing Clamp Cylinder FA.TB

• Bore: $\phi 25$ - $\phi 63$ mm • Pmax: 100kg/cm²



Dimensional table

UNIT:mm

MODEL	HSC-FA25 HSC-TB25	HSC-FA32 HSC-TB32	HSC-FA40 HSC-TB40	HSC-FA50 HSC-TB50	HSC-FA63
ITEM					
ST:Swing/Claming	22:9/13	26:11/15	26:11/15	30:13/17	30:13/17
A1	101	115	120	134	139
A2	(124)	(140)	(148)	(166)	(175)
A3	120	137.2	142.2	159.4	170.8
B	76	85	90	100	105
C1	22	25	25	30	30
C2	12	12	15	15	—
D1	15	17	18	20	23
D2	27	31	31	37	48
D3	□19	□22.2	□22.2	□25.4	□31.8
E1	M10 x 1.5	M10 x 1.5	M10 x 1.5	M12 x 1.75	M16 x 2.0
E2	ø8	ø8	ø10	ø12	ø15
E3	M14 x 1.5	M16 x 1.5	M18 x 1.5	M20 x 1.5	M26 x 1.5
F	10	10	10	12	15
G1	50	55	60	65	75
G2	140	160	160	180	200
H	9	10	10	12	15
øI1	ø45	ø50	ø58	ø68	ø81
øI2	M45 x 1.5	M50 x 1.5	M55x1.5	M65x1.5	—
J	53	57	69	75	90
K	40	44	52	58	70
L	ø6.8-ø10.5 x 6.5D.	ø6.8-ø10.5 x 6.5D.	ø9-ø14 x 9D.	ø9-ø14 x 9D.	ø11-ø17 x 11D.
M1	PT1/4	PT1/4	PT1/4	PT1/4	PT1/4
M2	PT1/8	PT1/8	PT1/8	PT1/8	—
N	28	32	40	50	63
T1x2PCS	10	11	11	12	—
T2	ø65	ø70	ø75	ø85	—