

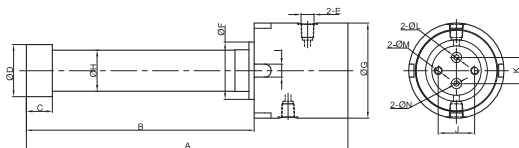
型號表示

型號 回路數 四軸型號

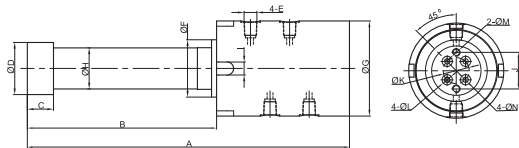
YRA — 2 — 320



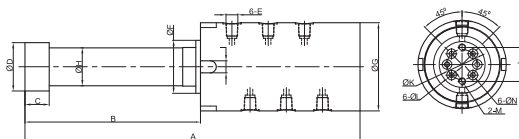
外型尺寸



型號	A	B	C	D	E	F	G	H	I	J	K	L	M	N
YRA-2-255	247	175	20	40	RP1/8	44	73	31.5	10	28	20	8	M6	4
YRA-2-320	317	245	20	40	RP1/8	44	73	31.5	10	28	20	8	M6	4
YRA-2-400	362	290	20	40	RP1/8	44	73	31.5	10	28	20	8	M6	4



型號	A	B	C	D	E	F	G	H	I	J	K	L	M	N
YRA-4-255	277	175	20	40	RP1/8	44	73	31.5	10	28	20	8	M6	4
YRA-4-320	347	245	20	40	RP1/8	44	73	31.5	10	28	20	8	M6	4
YRA-4-400	392	290	20	40	RP1/8	44	73	31.5	10	28	20	8	M6	4



型號	A	B	C	D	E	F	G	H	I	J	K	L	M	N
YRA-6-255	307	175	20	40	RP1/8	44	73	38	10	28	25	8	M6	4
YRA-6-320	377	245	20	40	RP1/8	44	73	38	10	28	25	8	M6	4
YRA-6-400	422	290	20	40	RP1/8	44	73	38	10	28	25	8	M6	4



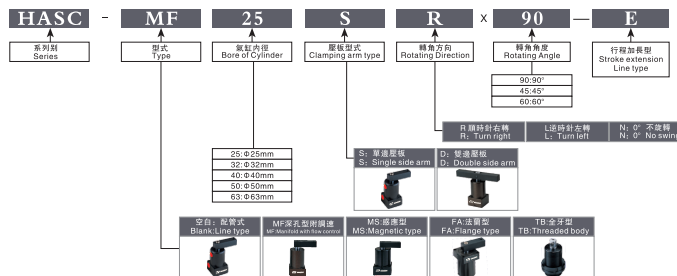
產品簡介 Introduction to product

- ◆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。
- ◆主要功能為空壓缸作動時，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。
- ◆建議使用空壓轉角缸，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，導致損壞缸體及內部零件。
- ◆壓板需增加長度時，請勿大於原長度之1.5倍。
- ◆缸體材質採用鋁合金，表面硬膜處理，內壁表面光滑，使用壽命長。
- ◆This machine with MC clamp is exclusively to mass-produce spare parts. It is a great helper to raise production efficiency.
- ◆The clamping arm of this cylinder will swing around the angle when the piston traveling down, and then keep straight on until the clamping arm clamps the work-piece tightly.
- ◆You had better install a flow control valve to adjust the acting speed, and don't clamping workpiece when the cylinder is running. Otherwise will be easy to damage the body and the spare parts.
- ◆If the clamping arm don't exceed 1.5 times of the original length of you need to increase the length of the clamping arm.
- ◆The cylinder is made of aluminum metal alloy the surface is processed with the hard membrane and the inside of it is smooth. It is long-lived to use.

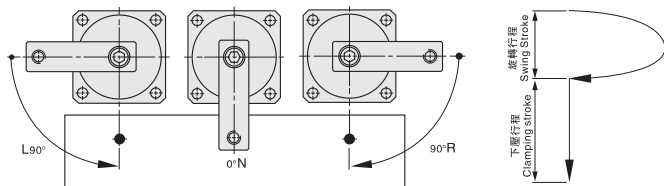
特性資料 Specification

氣缸內徑 Bore of cylinder(mm)	Φ25	Φ32	Φ40	Φ50	Φ63
活塞杆徑 Bore of piston	Φ14	Φ16	Φ16	Φ20	Φ20
受壓面積 Pull/Push area	3.37/4.91	6.03/8.04	10.56/12.57	16.49/19.63	28.03/31.17
理論夾持力 Theoretical clamping force 5kg/cm ²	16	30	50	85	140
轉角行程 Swing stroke(mm)	9	11	13	13	13
垂直行程 Clamping stroke (mm) std/incr	13	15/30	17/34	17/34	17/34
使用流體 Fluid	已濾清之壓縮空氣 Filtered air				
最大耐壓力 Max pressure(kg/cm ²)	10kg/cm ²				
一般工作壓力 normal operation pressure	1~7kg/cm ²				
轉角方向 Rotating direction	左轉L或右轉R Turn right R or turn left L				
轉角角度 Rotating angle	標準角度90° 選擇角度 Standard angle 90° Optional angle 0°, 45°, 60°				
作動方式 Acting type	復動式 Double acting				

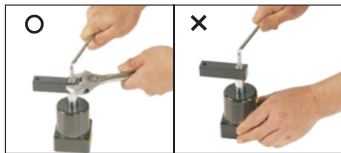
訂購標示法



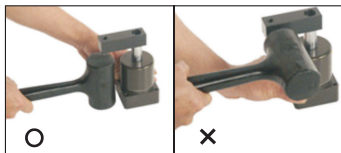
單邊壓板旋轉示意圖



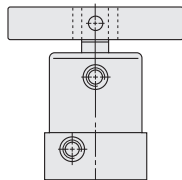
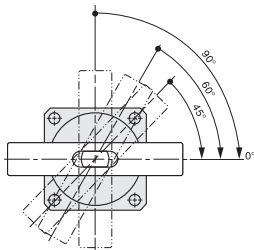
壓板鎖緊操作方式



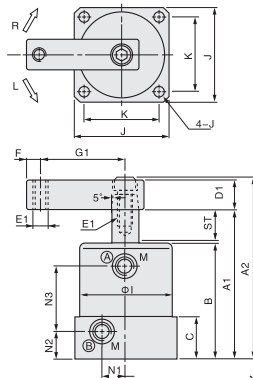
壓板拆卸操作方式



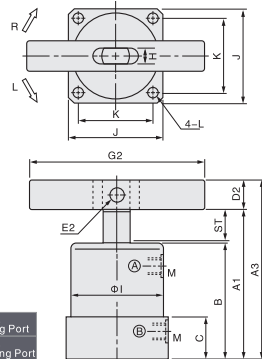
雙邊壓板旋轉示意圖



Single side swing clamp



Double side swing clamp



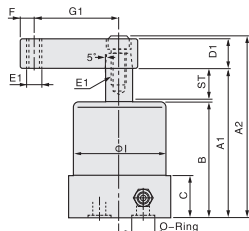
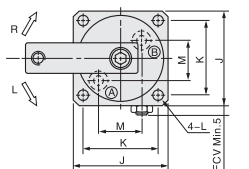
注：上圖為轉角90°鬆開狀態

外形尺寸表 Dimension table

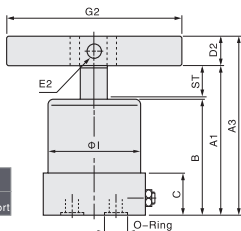
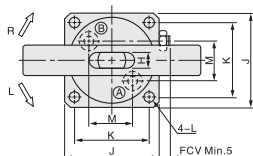
UNIT:mm

ITEM	MODEL	HASC-25		HASC-32		HASC-40		HASC-50		HASC-63	
ST:Swing/Clamping		22:9/13	26:11/15	41:11/30	26:11/15	41:11/30	30:13/17	47:13/34	30:13/17	47:13/34	
A1		89	108	138	108	138	124	158	124	158	
A2		(105.9)	(128)	(158)	(128)	(158)	(150.4)	(184.4)	(150.4)	(184.4)	
A3		—	127	157	127	157	146.2	180.2	146.2	180.2	
B		65	78	93	78	93	90	107	90	107	
C		23	28		28		31		31		
D1		□16	□19		□19		□25		□25		
D2		—	□19		□19		□22		□22		
E1		M6 × 1.0	M8 × 1.25		M8 × 1.25		M10 × 1.5		M10 × 1.5		
E2		—	Φ8		Φ8		Φ8		Φ8		
F		6	8		8		10		10		
G1		35	50		55		60		70		
G2		—	140		140		160		160		
H		—	9		9		10		10		
ΦI		Φ35	Φ46		Φ55		Φ65		Φ78		
J		38	50		60		70		83		
K		30	40		48		57		67		
L		Φ4.6	Φ5.6		Φ6.8		Φ6.8		Φ9		
M		M5 × 0.8	PT 1/8		PT 1/8		PT 1/8		PT 1/8		
N1		8	11.5		14		17		20		
N2		16.5	19		19		21		21		
N3		39.5	45	60	45	60	54	71	54	71	

Single side swing clamp



Double side swing clamp



Ⓐ 夾持氣孔
Clamping Port
Ⓑ 放鬆氣孔
Unclamping Port

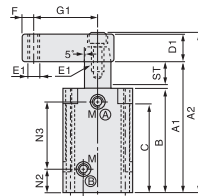
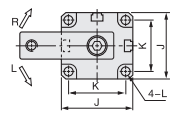
注：上圖為轉角90°鬆開狀態

外形尺寸表 Dimension table

ITEM	MODEL	HASC-MF32	HASC-MF40	HASC-MF50	HASC-MF63
ST:Swing/Clamping					
A1		108	108	124	124
A2		(128)	(128)	(150.4)	(150.4)
A3		127	127	146.2	146.2
B		78	78	90	90
C		22	22	25	25
D1		□19	□19	□25	□25
D2		□19	□19	□22	□22
E1		M8×1.25	M8×1.25	M10×1.5	M10×1.5
E2		Φ8	Φ8	Φ8	Φ8
F		8	8	10	10
G1		50	55	60	70
G2		140	140	160	160
H		9	9	10	10
Ⓐ		Φ46	Φ55	Φ65	Φ78
J		50	60	70	83
K		40	48	57	67
L		Φ5.6	Φ6.8	Φ6.8	Φ9
M		19	23	28	32
O-Ring		P7	P7	P9	P9

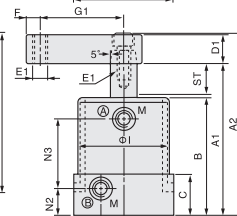
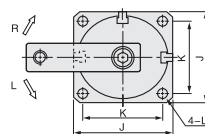
UNIT:mm

MS25S

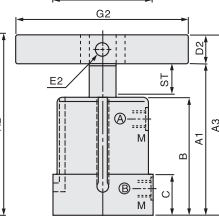
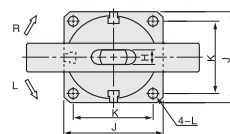


Ⓐ 夾持氣孔
Clamping Port
Ⓑ 放鬆氣孔
Unclamping Port

MS32S-63S



MS32D-63D



注：上圖為轉角90°鬆開狀態

外形尺寸表 Dimension table

ITEM	MODEL	HASC-MS25	HASC-MS32	HASC-MS40	HASC-MS50	HASC-MS63
ST:Swing/Clamping						
A1		94	113	113	129	129
A2		(110.9)	(133)	(133)	(155.4)	(155.4)
A3		-	132	132	151.2	151.2
B		70	83	83	95	95
C		60	28	28	31	31
D1		□15.9	□19	□19	□25	□25
D2		-	□19	□19	□22	□22
E1		M6×1.0	M8×1.25	M8×1.25	M10×1.5	M10×1.5
E2		-	Φ8	Φ8	Φ8	Φ8
F		6	8	8	10	10
G1		35	50	55	60	70
G2		-	140	140	160	160
H		-	9	9	10	10
Ⓐ		Φ35	Φ46	Φ55	Φ65	Φ78
J		38	50	60	70	83
K		30	40	48	57	67
L		Φ4.6	Φ5.6	Φ6.8	Φ6.8	Φ9
M		M5×0.8	PT1/8	PT1/8	PT1/8	PT1/8
N1		8	11.5	14	17	20
N2		16.5	19	19	21	21
N3		44.5	50	50	59	59

UNIT:mm