

ASC

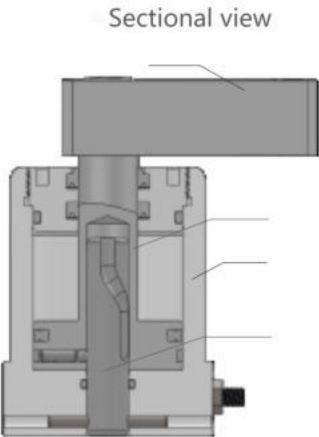
ASC PNEUMATIC SWING CLAMP



FEATURES

This machine with MC clamp is exclusively to mass-produce spare parts. It is a big helper to raise production efficiency. The clamping arm of this clamp 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 clamp the workpiece when the clamp is running. Otherwise will be easy to damage the body and the spare parts. The material of the cylinder body 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.

Max. operating pressure: 7 kgf/cm²
Min. operating pressure: 4 kgf/cm²
Double acting



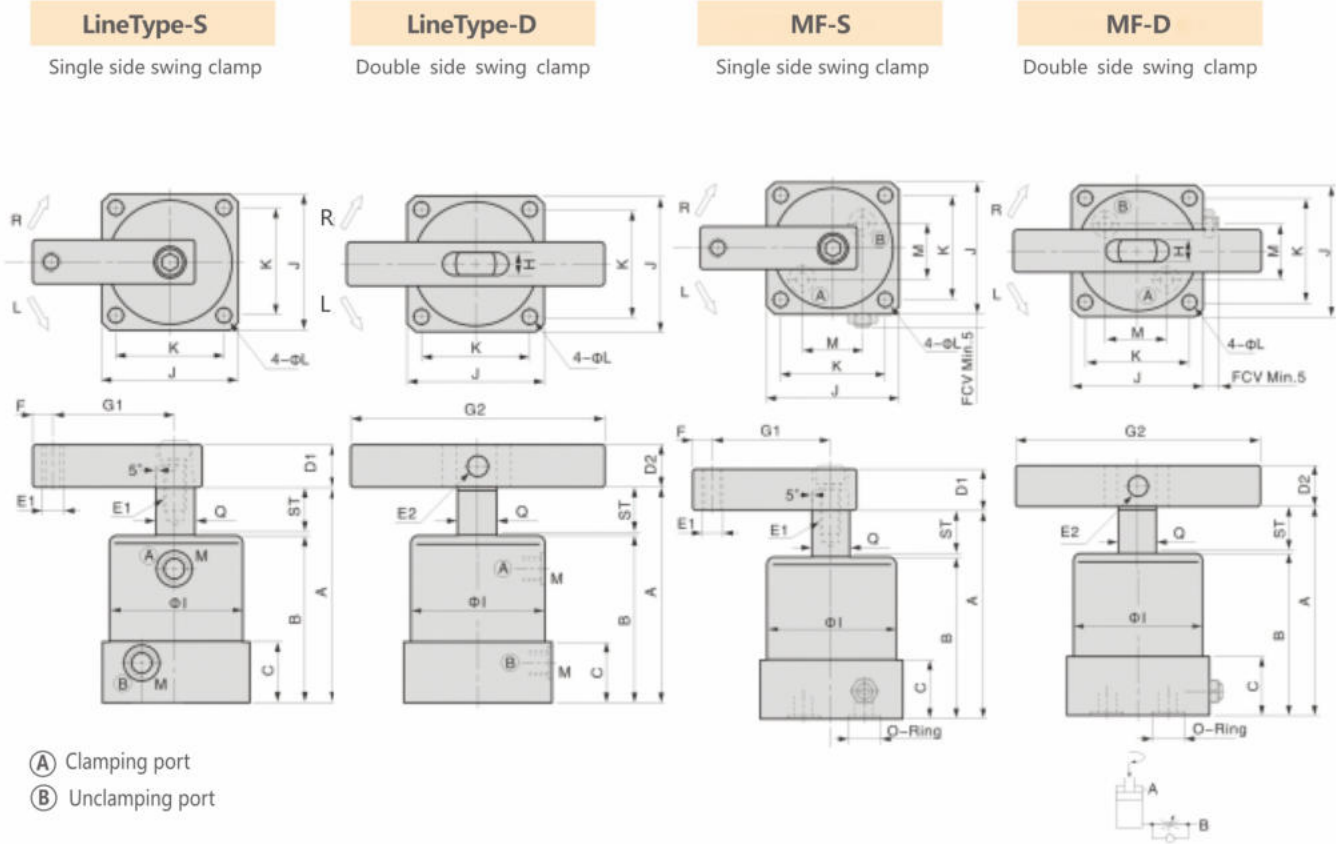
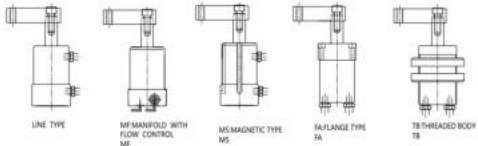
NOTE

The speed of clamping and unclamping action needs to be slowed down appropriately. The length and weight of the customized clamping arm shall not exceed 1.5 times of the standard clamping arm. Please refer to Page 4 for installation instructions or removal methods of the clamping arm. Customization is available upon request, please contact us for more info.

ORDERING INDICATION

ASC-MF32SR-90E

ASC	Series	ASC
MF	Type	Blank: Line type MS: Magnetic type
		MF: Manifold with flow control FA: Flange type TB: Threaded body
32	Cylinder inside diameter	Φ25 , Φ32 , Φ40 , Φ50 , Φ63
S	Clamping arm type	S: Single side arm D: Double side arm
R	Rotating direction	R: Turn right L: Turn left N: 0° No swing
90	Rotating angle	Standard angle 90° (±2°) Order angle 0°, 45° (±2°) , 60° (±2°)
E	Stroke extension	



Unit:mm

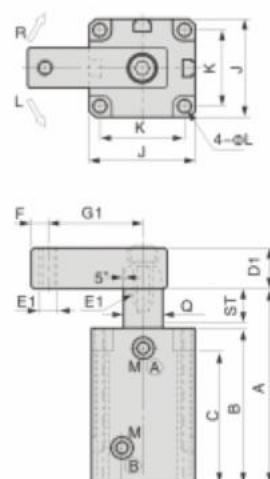
MODEL	ST:Swing /Clamping	A Unclamp	B	C	D1	D2	E1	E2	F	G1	G2	H	ΦI	J	K	L	M	O-RING	Q
ASC-25	22:9/13	89	65	23	□16	-	M6×1.0	-	6	35	-	-	Φ35	38	30	Φ4.6	M5×0.8	-	Φ14
ASC-32	26:11/15 41:11/30	108 138	78 93	28	□19	□19	M8×1.25	Φ8	8	50	140	9	Φ46	50	40	Φ5.6	PT1/8	-	Φ16
ASC-40	26:11/15 41:11/30	108 138	78 93	28	□19	□19	M8×1.25	Φ8	8	55	140	9	Φ55	60	48	Φ6.8	PT1/8	-	Φ16
ASC-50	30:13/17 47:13/34	124 158	90 107	31	□25	□22	M10×1.5	Φ8	10	60	160	10	Φ65	70	57	Φ6.8	PT1/8	-	Φ20
ASC-63	30:13/17 47:13/34	124 158	90 107	31	□25	□22	M10×1.5	Φ8	10	70	160	10	Φ78	83	67	Φ9	PT1/8	-	Φ20
ASC-MF32	26:11/15	108	78	22	□19	□19	M8×1.25	Φ8	8	50	140	9	Φ46	50	40	Φ5.6	19	P7	Φ16
ASC-MF40	26:11/15	108	78	22	□19	□19	M8×1.25	Φ8	8	55	140	9	Φ55	60	48	Φ6.8	23	P7	Φ16
ASC-MF50	30:13/17	124	90	25	□25	□22	M10×1.5	Φ8	10	60	160	10	Φ65	70	57	Φ6.8	28	P9	Φ20
ASC-MF63	30:13/17	124	90	25	□25	□22	M10×1.5	Φ8	10	70	160	10	Φ78	83	67	Φ9	32	P9	Φ20

SPECIFICATIONS

MODEL	CLAMPING FORCE AT 7kgf/cm² (kgf)	Swing stroke (mm)	CLAMPING STROKE (mm)	TOTAL STROKE(mm)	CYLINDER CAPACITY UNCLAMP(cm³)	CYLINDER CAPACITY CLAMP(cm³)	EFF.PISTON AREA UNCLAMP(cm²)	EFF.PISTON AREA CLAMP(cm²)	RANGE OF TEMPERATURE(°C)	USABLE FLUID
ASC-25	24	9	13	22	12.28	7.41	4.91	3.37	-10~+60°C	Filtered dry compressed air
ASC-32	42	11	15/30	26/41	20.9/32.96	15.68/24.73	8.04	6.03	-10~+60°C	
ASC-40	74	11	15/30	26/41	32.66/51.5	27.43/43.26	12.56	10.55	-10~+60°C	
ASC-50	115	13	17/34	30/47	58.89/92.26	49.47/77.5	19.63	16.49	-10~+60°C	
ASC-63	196	13	17/34	30/47	93.48/146.45	84.06/131.69	31.16	28.02	-10~+60°C	

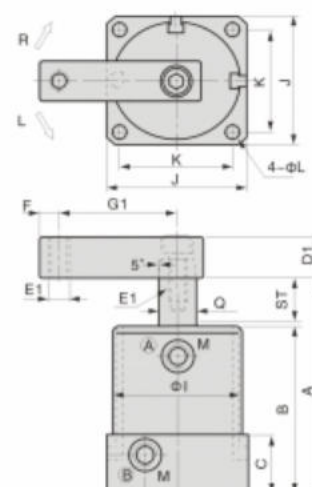
MS25S

Single side swing clamp



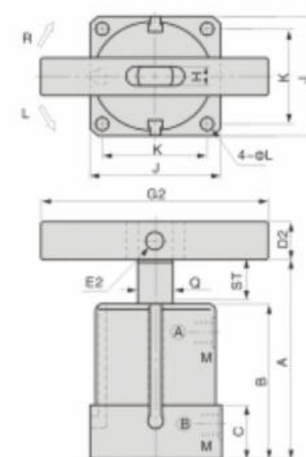
MS32S-63S

Single side swing clamp



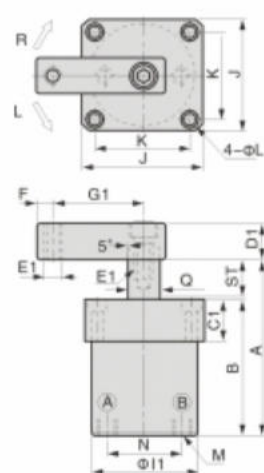
MS32D-63D

Double side swing clamp



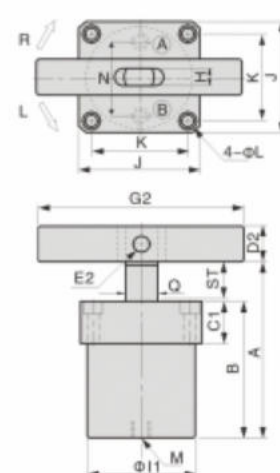
FA-S

Single side swing clamp



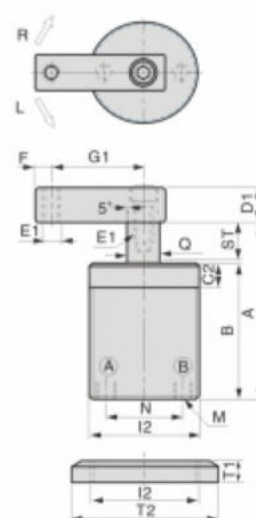
FA-D

Double side swing clamp



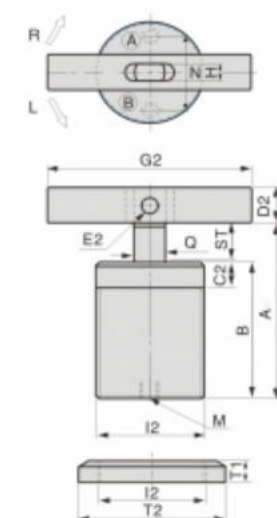
TB-S

Single side swing clamp



TB-D

Double side swing clamp



(A) Clamping port

(B) Unclamping port

Unit:mm

MODEL	ST:Swing /Clamping	A Unclamp	B	C1	C2	D1	D2	E1	E2	F	G1	G2	H	Φ11	I2	J	K	L	M	N	T1× 2PCS	T2	Q
ASC-FA32 ASC-TB32	26:11/15	108	78	22	12	□19	□19	M8×1.25	Φ8	8	50	140	9	Φ46	M50×1.5	50	40	Φ5.6-Φ9×5.5D	PT1/8	32	11	Φ70	Φ16
ASC-FA40 ASC-TB40	26:11/15	108	78	22	12	□19	□19	M8×1.25	Φ8	8	55	140	9	Φ55	M55×1.5	60	48	Φ6.8-Φ10.5×6.5D	PT1/8	40	11	Φ75	Φ16
ASC-FA50 ASC-TB50	30:13/17	124	90	25	15	□25	□22	M10×1.5	Φ8	10	60	160	10	Φ65	M65×1.5	70	57	Φ6.8-Φ10.5×6.5D	PT1/8	50	12	Φ85	Φ20
ASC-FA63	30:13/17	124	90	25	-	□25	□22	M10×1.5	Φ8	10	70	160	10	Φ78	-	83	67	Φ9-Φ14×9D	PT1/8	63	-	-	Φ20

Unit:mm

MODEL	ST:Swing /Clamping	A Unclamp	B	C	D1	D2	E1	E2	F	G1	G2	H	ΦI	J	K	L	M	Q
ASC-MS25	22:9/13	94	70	60	□16	-	M6×1.0	-	6	35	-	-	Φ35	38	30	Φ4.6	M5×0.8	Φ14
ASC-MS32	26:11/15	113	83	28	□19	□19	M8×1.25	Φ8	8	50	140	9	Φ46	50	40	Φ5.6	PT1/8	Φ16
ASC-MS40	26:11/15	113	83	28	□19	□19	M8×1.25	Φ8	8	55	140	9	Φ55	60	48	Φ6.8	PT1/8	Φ16
ASC-MS50	30:13/17	129	95	31	□25	□22	M10×1.5	Φ8	10	60	160	10	Φ65	70	57	Φ6.8	PT1/8	Φ20
ASC-MS63	30:13/17	129	95	31	□25	□22	M10×1.5	Φ8	10	70	160	10	Φ78	83	67	Φ9	PT1/8	Φ20

