

Aluminum Mini Cylinder

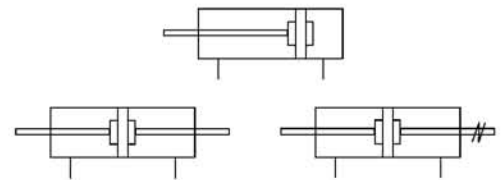
Character:

- Adopt imported aluminum alloy tube, light, precise, friction & corrosion durable.
- Use imported non-lubrication oil seal, fits for high speed movement.
- Has aluminum alloy covers, CNC machined, surface anodized, better anti-corrosion.
- Has non-lubrication bearing, no maintenance for long time working with long life than usual one.
- Magnet in piston, whole series can be attached with sensor switch



Specification:

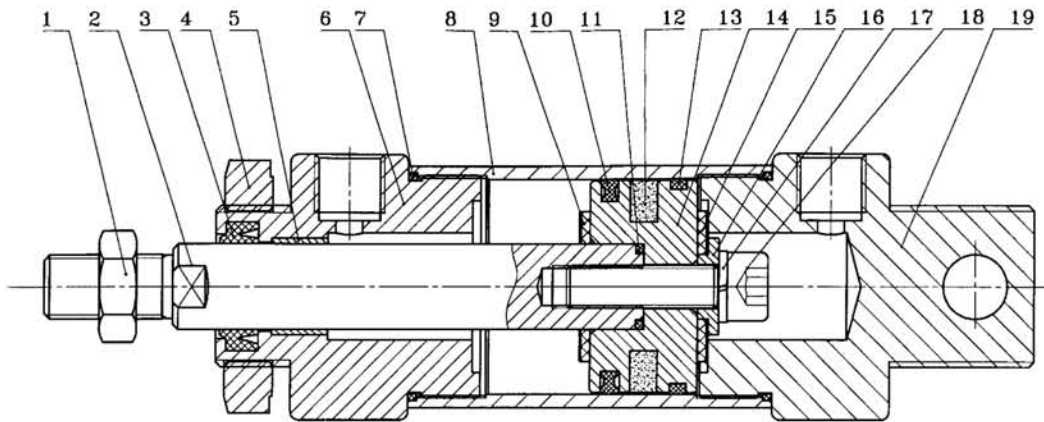
Mode	20	25	32	40
Motion	Double acting			
Series	MAL, MALD, MALJ			
Fluid	air			
Operating pressure range (Mpa)	0.1~1			
Operating speed (mm/sec)	50~500			
Ambient temperature (°C)	-10~70°C			
Port size	1/8"		1/4"	



How to order:

MAL	20 × 100	CA	LB	S	2
series	bore	stroke	rear cover	mounting type	with magnet
MAL standard cylinder	φ 20	blank; fishtail	blank (standard)	S: with magnet	sensor
MALD double axial cylinder	φ 25	U: horizontal tail	LB	blank; without magnet	1:1
MALJ double axial adjustable cylinder	φ 32	CM: rounded tail	FA/FB		2:2
	φ 40				

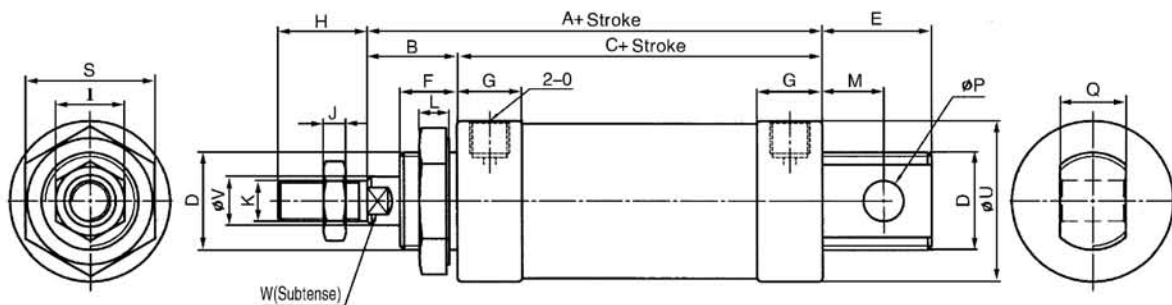
Inner structure drawing:



1	hexagon nut	6	front cover	11	O -ring	16	washer
2	piston ring	7	O -ring	12	magnet	17	spring washer
3	compageseal	8	tube	13	guard seals	18	inner hexagon bolt
4	hexagon nut	9	crashworthy washer	14	piston	19	rear cover
5	oiled bearing	10	C -ring	15	crashworthy washer		

Standard Dimension:

■ Fishtail



bore/stroke	A	B	C	D	E	F	G	H	I	J	K	L	M	O	P	Q	S	U	V	W
16	75.6	20	55.6	M16 × 1.5	14	12	11	17	10	5	M6	7	5	M5	6	12	24	22	6	-
20	90	20	70	M22 × 1.5	21	12	16	20	12	6	M8 × 1.25	12	3	G1/8"	8	16	29	29	8	6
25	92	22	70	M22 × 1.5	21	14	16	22	17	6	M10 × 1.25	12	8	G1/8"	8	16	34	34	10	8
32	92	22	70	M24 × 2	27	14	16	22	17	6	M10 × 1.25	15	14	G1/8"	10	16	39.5	39.5	12	10
40	114	22	92	M30 × 2	27	14	22	24	17	7	M12 × 1.25	15	16	G1/4"	12	20	49.5	49.5	16	14