

MA6432 Series stainless steel mini Cylinder(ISO6432)



MA6432 10 × 50



MA6432 25 × 50

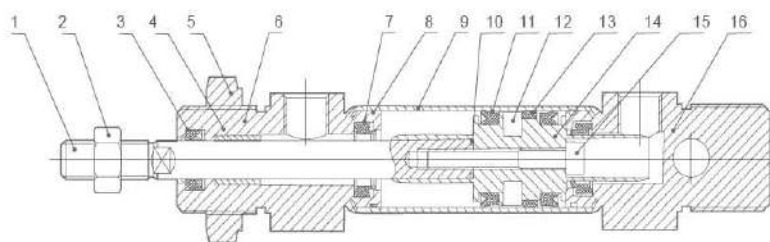


MA6432-F 25 × 40

Ordering Code

MA6432	☐	20 × 50	25	S	☐	
Series Code	Back Cover Type	Cylinder Bore	Stroke	Adjustable Stroke Type	Magnet Code	Fixed Type
MA:Double Action Type MSA:Single-Extrusion Type MTA:Single Drawing-in Type MAD:Double-shaft Double ActionType MACD:Double-shaft Double Action Damping Type(Above Φ16) MAJ:Double-shaft and adjustable stroke type MAC:With Cushion Type(Above Φ16)	Blank:Fishtail Type CM:Rounded Type U:Horizontal Type F: Copper Bush Type	8mm-25mm		0~100mm	Blank:Without Magnet S:With Magnet	Blank:Normal type LB:Front and back fixed type FA:Front cover fixed type SDB:Back cover swinging type U:Back cover fixed type

Internal structure



NO	Desigation	NO	Desigation
1	Piston Rod	9	Barrel
2	Piston Rod Nut	10	Piston rod O-ring
3	Front Cover Seal	11	Piston O-ring
4	Bearing	12	Magnet(Optional)
5	Hexagon Screw	13	Wear Ring
6	Front Cover	14	Piston
7	Cushion Ring	15	Hex Socket Screw
8	O-ring	16	Back Cover

Specification

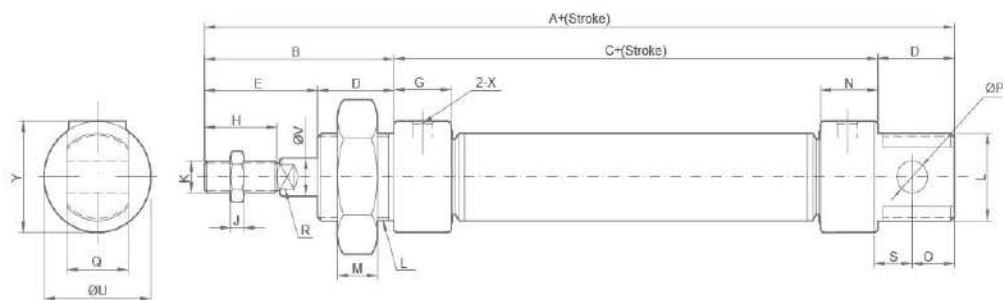
Born(mm)	8	10	12	16	20	25
Fluid	Air					
Motion pattern	Double Action or single Action					
Ensured Pressure Resistance	15.3kgf/cm ² (1.5Mpa)					
Max.pressure	10.2kgf/cm ² (1.0Mpa)					
Min.pressure	0.5kgf/cm ² (0.05Mpa) 1kgf/cm ² (0.1Mpa)					
Environment and fluid temp	-10~+80℃ (Internal Magnetic Install by Tach strap:Type Max:60℃)					
Piston veocity	Rubber Buffer(Standard),Air Buffer(Optional)					
Buffering	50~750mm/s					
Kinetic energy Tolerance(kgf/cm)	0.2	0.3	0.4	0.9	2.7	4
Port Size	M5×0.8				G1/8"	

Stroke

Born(mm)	Standard Stroke	Max.Stroke(mm)
8	10,25,40,50,80,100,125,160,200	400
10	10,25,40,50,80,100,125,160,200	400
12	10,25,40,50,80,100,125,160,200	400
16	10,25,40,50,80,100,125,160,200	400
20	25,40,50,80,100,125,150,160,175,200,250,300	1000
25	25,40,50,80,100,125,150,160,175,200,250,300	1000

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Overall Dimensions



Dimension Sheet

Bore/Symbol	A	B	C	D	E	G	H	M	J	O	K	N	P	S	R	U	V	Q	Y	L	X
8	86	28	46	12	16	9	12	7	3	10	M4×0.7	9	4	6	-	15	4	8	15	M12×1.5	M5
10	86	27	47	12	15	9	12	7	3	10	M4×0.7	9	4	6	-	15	4	8	15	M12×1.5	M5
12	105	37	51	17	20	9	16	6	4.5	14	M6×1	9	6	9	5	20	6	12	20	M16×1.5	M5
16	111	38	56	17	21	12.5	16	6	4.5	13	M8×1	10.5	6	9	5	20	6	12	20	M16×1.5	M5
20	128	45	63	20	25	15	20	8	6	11	M8×1.25	15	8	12	6	27	8	16	27	M22×1.5	G1/8"
25	137	50	65	22	28	15	22	8	6	11	M10×1.25	15	8	12	8	27	10	16	27	M22×1.5	G1/8"