

Features

1. Hard anodized aluminum barrel provides corrosion and wear resistance as well as long life.
2. Compact size and space saving.
3. Strict quality control ensures the product in stability and excellent performance.
4. Simple maintenance and installation.
5. Different bore sizes and strokes for selection.
6. Various sensor switches are available.
7. Possess excellent bending and twisting resistance for heavier side load.



How to order

JQM	32	B50	H	M	SR	D	1
Type	Bore size	Stroke	Rod thread	Magnet	Sensor	Type	Number of sensor
JQM:Standard double acting	12:Ø12 16:Ø16 20:Ø20 25:Ø25 32:Ø32 40:Ø40 50:Ø50 63:Ø63		Blank:Female thread H:Male thread	Blank:W/O magnet M:W/I magnet	Blank:W/O sensor SS:Square type  SR:Round type  SU:Square type 	Blank:Reed switch D:NPN E:PNP	1 pc 2 pcs

1. The body length of JQ-M cylinder (Magnetic type) is 10mm longer than JQ cylinder (Non-Magnetic type).
 2. Stainless mounting bolts is suggested for the installation of JQ-M cylinder (Magnetic type).
- *Sensor please refer to P3-191~P3-193

Stroke table

Boze size	Acting	Stroke table (mm)	Mzx.Stroke (mm)
Ø12 ~ Ø16	Double acting (W/O magnet)	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60	60
	Double acting (W/I magnet)	5, 10, 15, 20, 25, 30, 35, 40, 45, 50	50
Ø20 ~ Ø40	Double acting (W/O magnet)	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 110	110
	Double acting (W/I magnet)	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	100
Ø50 ~ Ø63	Double acting (W/O magnet)	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 110, 120	120
	Double acting (W/I magnet)	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 110	110

※ Please contact out sales for non-standard stroke.

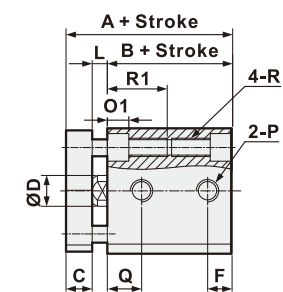
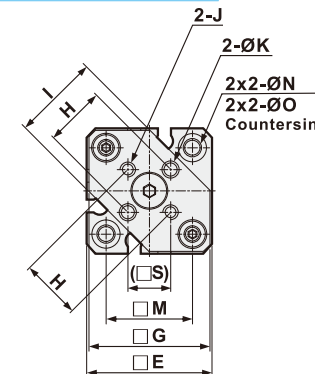
Specifications

Bore size	Ø12	Ø16	Ø20	Ø25	Ø32	Ø40	Ø50	Ø63
Port size	M5xP0.8				1/8"		1/4"	
Fluid					Compressed air			
Acting					Double acting			
Operating pressure range					1.0 ~ 9 kgf/cm²			
Max operating pressure					9.5 kgf/cm²			
Barrel material					Aluminum alloy			
Magnet					Option			
Ambient temperature					Cushion plate			
Piston speed					-5°C ~ 60°C			
Double acting mm/Sec.					50 ~ 700mm/Sec.			
Single acting mm/Sec.					50 ~ 500			
Non-rotating accuracy	±0.2°		±0.1°					

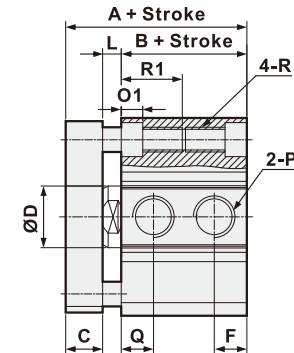
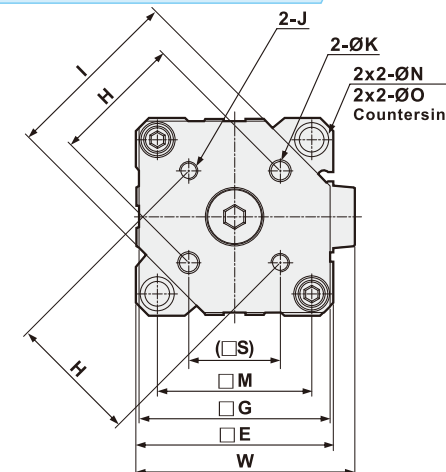
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Dimensions

JQM Standard double acting (Ø12 ~ Ø25)



JQM Standard double acting (Ø32 ~ Ø63)



(Unit: mm)														
Bore size	Stroke	Without magnet					W/I magnet					C	D	E
		A	B	F	P	Q	A	B	F	P	Q			
Ø12	5~30	26.5	17	5	M5xP0.8	7.5	36.5	27	5	M5xP0.8	7.5	6	6	25
Ø16	5~30	28	18.5	5.5	M5xP0.8	8	38	28.5	5.5	M5xP0.8	8	6	8	29
Ø20	5~50	32	19.5	5.2	M5xP0.8	9	42	29.5	5.2	M5xP0.8	9	8	10	36
Ø25	5~50	35.5	22.5	5.5	M5xP0.8	11	45.5	32.5	5.5	M5xP0.8	11	8	12	40
Ø32	10~50 75~100	40	23	7.5	Rc1/8	10.5	50	33	7.5	Rc1/8	10.5	10	16	45
Ø40	5~50 75~100	46.5 56.5	29.5 39.5	8	Rc1/8	11	56.5	39.5	8	Rc1/8	11	10	16	52
Ø50	5~50 75~100	50.7 60.7	30.7 40.7	10.5	Rc1/4	10.5	60.7	40.7	10.5	Rc1/4	10.5	12	20	64
Ø63	10~50 75~100	56 66	36 46	10.5	Rc1/4	15	66	46	10.5	Rc1/4	15	12	20	77

Bore size	G	H	I	J	K	L	M	N	O	R	R1	S	W
Ø12	24	10 ±0.1	14.9	M3xP0.5	Ø3 ^{+0.2} ₀	3.5	15.5	3.5	Ø6.5	M4xP0.7	7	7.1	-
Ø16	28	14 ±0.1	20	M3xP0.5	Ø3 ^{+0.2} ₀	3.5	20	3.5	Ø6.5	M4xP0.7	7	9.9	-
Ø20	34	17 ±0.1	26	M4xP0.7	Ø4 ^{+0.2} ₀	4.5	25.5	5.15	Ø9	M6xP1.0	17	12	-
Ø25	38	22 ±0.1	30	M5xP0.8	Ø5 ^{+0.2} ₀	5	28	5.15	Ø9	M6xP1.0	17	15.6	-
Ø32	43	28 ±0.2	38	M5xP0.8	Ø5 ^{+0.2} ₀	7	34	5.15	Ø9	M6xP1.0	17	19.8	49.5
Ø40	50	33 ±0.2	46	M5xP0.8	Ø5 ^{+0.2} ₀	7	40	5.15	Ø9	M6xP1.0	17	23.3	57
Ø50	62	42 ±0.2	58	M6xP1.0	Ø6 ^{+0.2} ₀	8	50	6.8	Ø11	M8xP1.25	22	29.7	71
Ø63	74	50 ±0.2	69	M6xP1.0	Ø6 ^{+0.2} ₀	8	60	8.6	Ø14	M10xP1.5	28.5	35.4	84

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