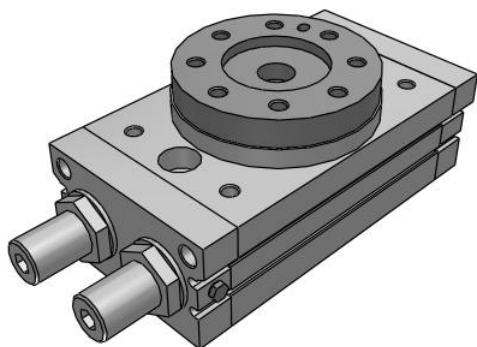


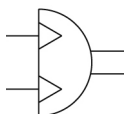


MSQ*10~200, Rotary Table, Rack & Pinion, Basic & High Precision MSQB70A

Datasheet

General series information

- Rack & Pinion style, rotary table-basic type
- Seven bore sizes available
- Direct load mounting possible
- Adjustment from one direction
- Auto switch capable

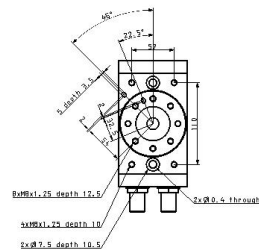
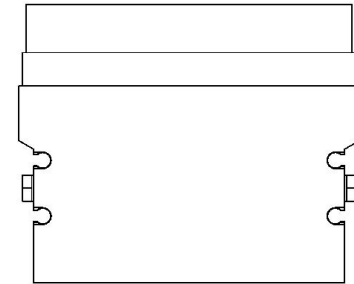
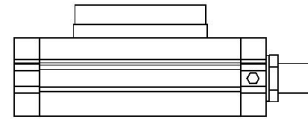
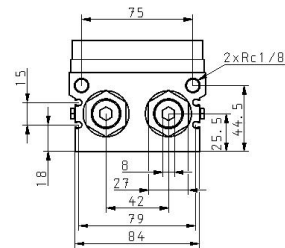
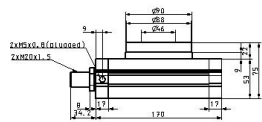
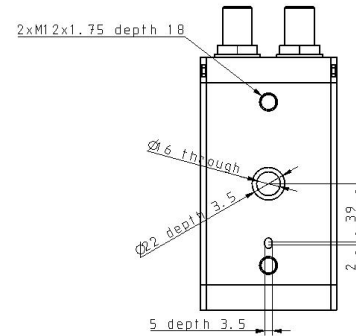


Semi-rotary actuator, double acting

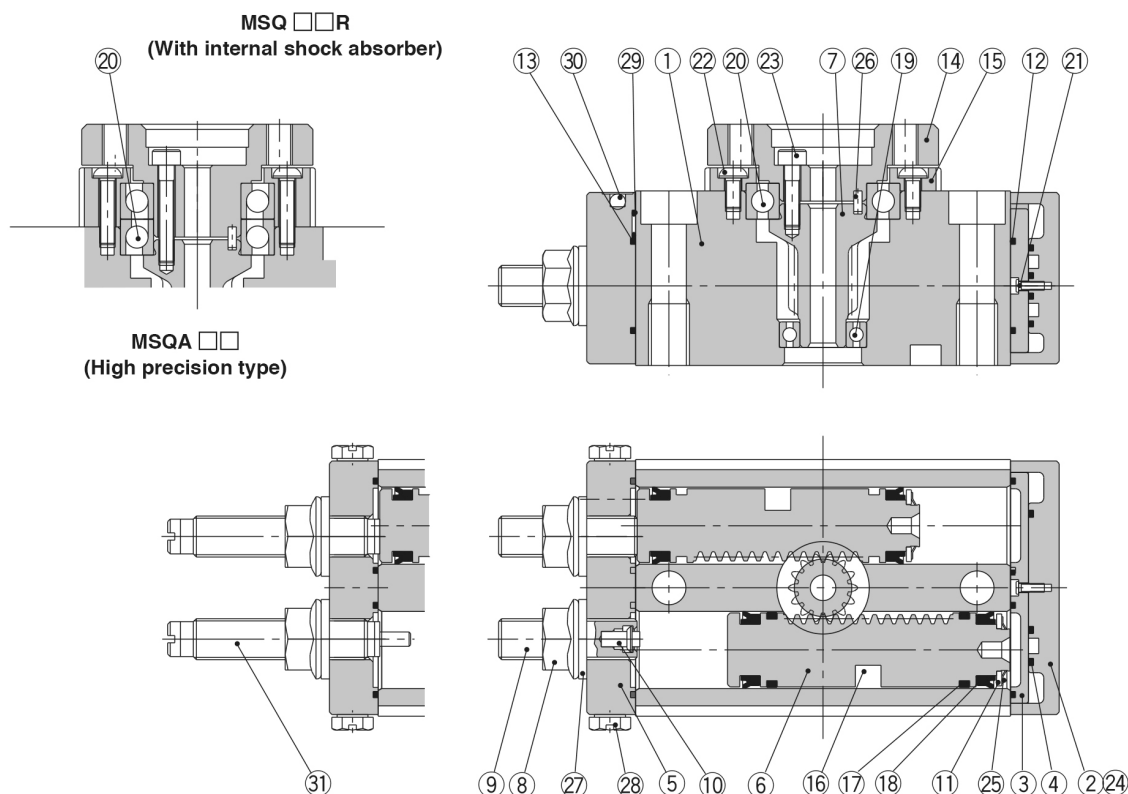
Standard specifications

Clean Series	None
Model	MSQ
Precision	B (Basic)
Size	70
Suffix	A (Adjuster Bolt)
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5m [Or None in the Case of No Switch]
Number	2 pcs. [Or None in the Case of No Switch]
Thread Type	M5 [10,20]; Rc 1/8 [30,50,70,100,200]
Pressure medium	Compressed air (non-lube)
Maximum temperature of pressure medium	60 °C
Minimum temperature of pressure medium	0 °C
Maximum operating pressure	1.0 Mpa
Minimum operating pressure	0.1 MPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	0 °C
Number of pneumatic connections	4 pcs.
Pneumatic input connection	R 1/8

Mode of operation of drive	Double acting
Type of cushioning	Rubber bumper
-	0° to 190°
Weight	1.600 Kg



Constructions



Parts list

No.	Description	Material
1	Body	Aluminium alloy
2	Cover	Aluminium alloy
3	Plate	Aluminium alloy
4	Seal	NBR
5	End cover	Aluminium alloy
6	Piston	Stainless steel
7	Pinion	Chrome molybdenum steel
8	Hexagon nut with flange	Steel wire
9	Hexagon nut	
10	Adjustment bolt	Chrome molybdenum steel
11	Cushion pad	Rubber material
12	Seal retainer	Aluminium alloy
13	Gasket	NBR
14	Table	Aluminium alloy
15	Bearing retainer	Aluminium alloy
16	Magnet	Magnetic material
17	Wear ring	Resin
18	Piston seal	NBR

No.	Description	Material
19	Deep groove ball bearing	Bearing steel
20	Needle bearing	
21	Deep groove ball bearing	Bearing steel
22	Angular contact ball bearing	
23	Round head philips screw No.0	Steel wire
24	Round head philips screw	Stainless steel
25	Low head cap screw	Chrome molybdenum steel
26	Hexagon socket head set bolt	
27	Hexagon socket head set bolt	Stainless steel
28	Hexagon socket head set bolt	Stainless steel
29	CS type snap ring	Spring steel
30	Parallel pin	Carbon steel
31	Parallel key	
32	Seal washer	NBR
33	Plug	Brass
34	O-ring	NBR
35	Steel balls	Stainless steel
36	Shock absorber	—

Replacement parts

Description	Kit no.							Note
	10	20	30	50	70	100	200	
Seal kit	KT-MSQ10	KT-MSQ20	KT-MSQ30	KT-MSQ50	KT-MSQ70	KT-MSQ100	KT-MSQ200	A set of above numbers (4), (12), (13), (17), (18) and (27)

Additional information

Catalogue

[MSQ_EU.pdf](#)