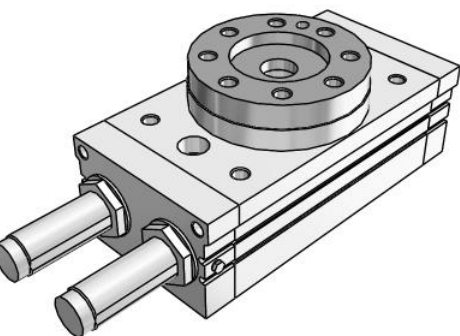
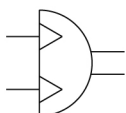




MSQ*10~200, Rotary Table, Rack & Pinion, Basic & High Precision MSQB200R

Datasheet

The MSQ compact rotary table is ideal for material transfer applications. It incorporates load bearings and a mounting face with a rack-and-pinion style rotary actuator. The seven sizes are 10, 20, 30, 50, 70, 100, and 200 with rotational adjustments from 0-190 degrees, and auto switch capability. Additional features include a hollow shaft and direct load mounting possibility. MSQX low speed rotary table is also available.



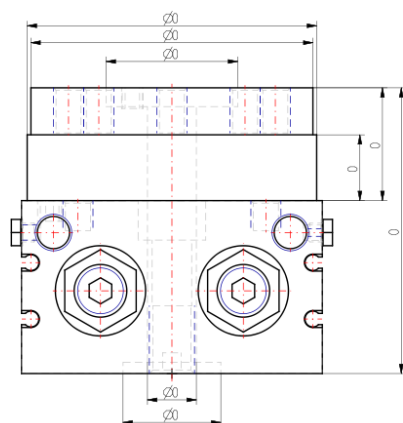
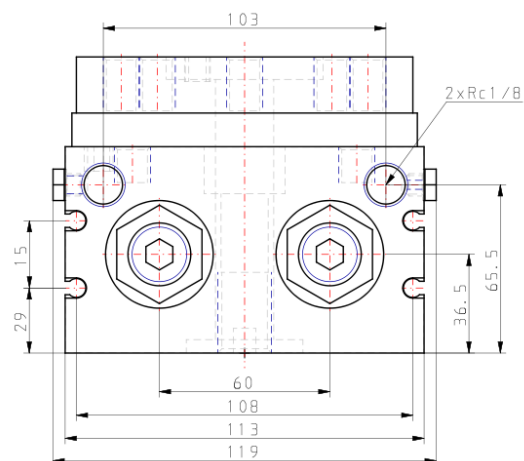
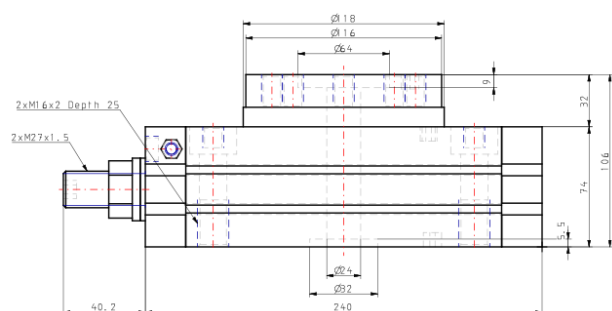
Semi-rotary actuator, double acting

Standard specifications

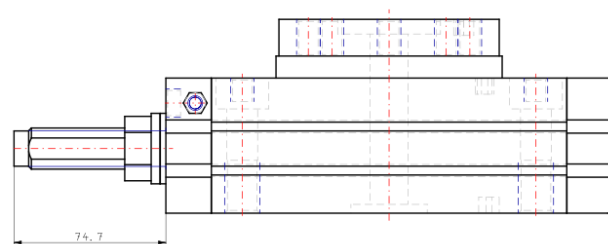
Clean Series	None
Model	MSQ
Precision	B (Basic)
Size	200
Suffix	R (Shock Absorbers)
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5m [Or None in the Case of No Switch]
Number	2 pcs. [Or None in the Case of No Switch]
Thread Type	M5 [10,20]
Rc 1/8 [30,50,70,100,200]	
Pressure medium	Compressed air (non-lube)
Maximum temperature of pressure medium	60 °C
Minimum temperature of pressure medium	0 °C
Maximum operating pressure	0.6 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	Shock absorber
-	0° to 190°
Weight	7.500 Kg

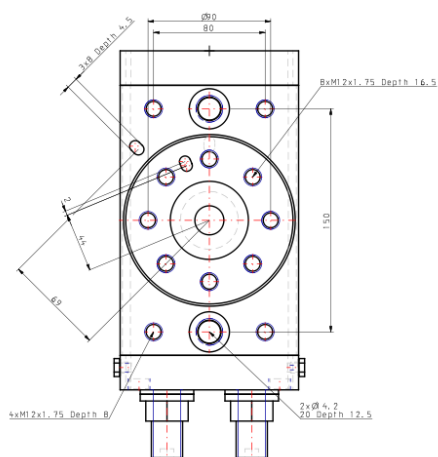
Dimensions



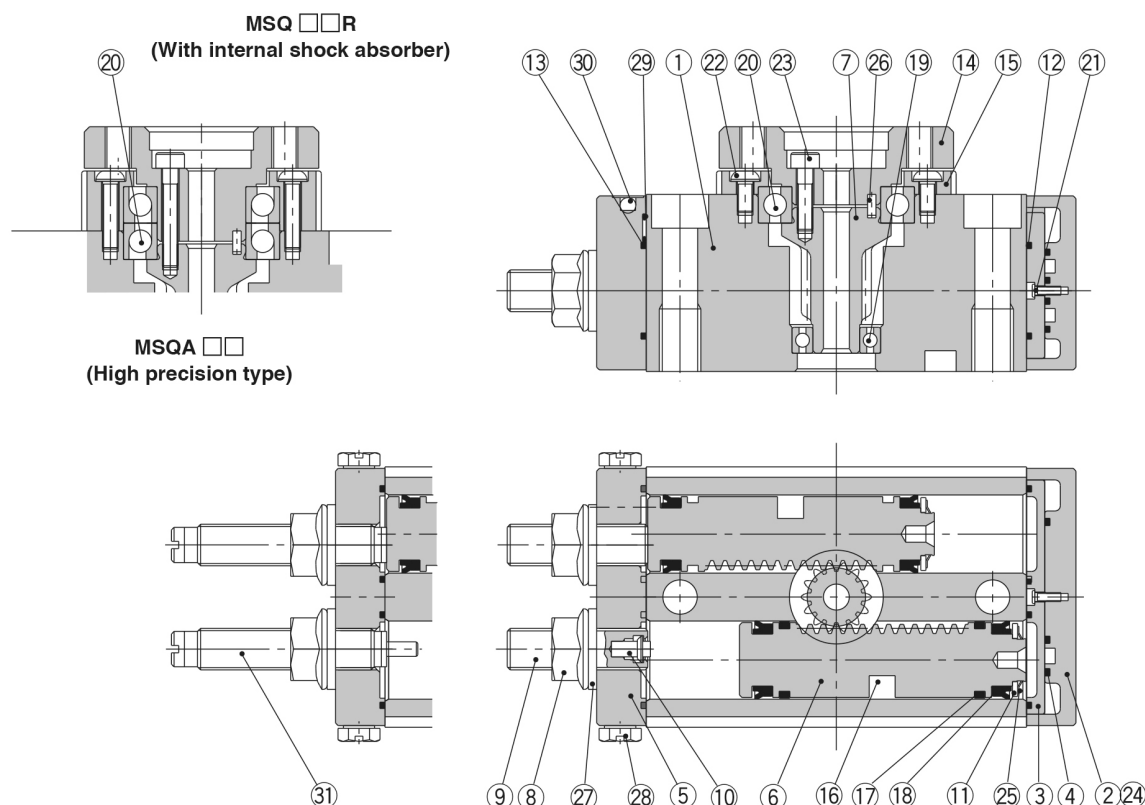
High Precision Detail



External Shock Absorber Detail



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
	Size: 10 to 50	
9	Hexagon nut	Steel wire
	Size: 70 to 200	
10	Adjustment bolt	Chrome molybdenum steel
11	Cushion pad	Rubber material
12	Seal retainer	Aluminium alloy
13	Gasket	NBR
14	Gasket	NBR
15	Table	Aluminium alloy
16	Bearing retainer	Aluminium alloy
17	Magnet	Magnetic material
18	Wear ring	Resin
19	Piston seal	NBR

No.	Description	Material
19	Deep groove ball bearing	Bearing steel
	Size: 10 to 50	
20	Needle bearing	Bearing steel
	Size: 70 to 200	
21	Deep groove ball bearing	Bearing steel
	Basic type	
	Angular contact ball bearing	High precision type
	Size: 10 to 50	
22	Round head philips screw No.0	Steel wire
23	Round head philips screw	Stainless steel
	Size: 10	
24	Low head cap screw	Chrome molybdenum steel
	Size: 20 to 50	
25	Hexagon socket head set bolt	Stainless steel
	Size: 70 to 200	
26	Hexagon socket head set bolt	Carbon steel
	Size: 10 to 50	
27	Hexagon socket head set bolt	Spring steel
	Size: 70 to 200	
28	CS type snap ring	Carbon steel
29	Parallel pin	Carbon steel
	Size: 10 to 50	
30	Parallel key	Carbon steel
	Size: 70 to 200	
31	Seal washer	NBR
	Plug	Brass
	O-ring	NBR
	Size: 70 to 200 only	
	Steel balls	Stainless steel
	Size: 70 to 200 only	
	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 ⑳

Additional information

Catalogue

[MSQ_EU.pdf](#)