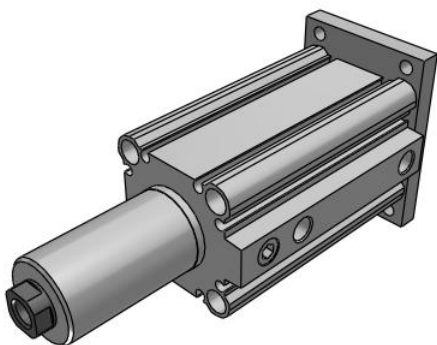
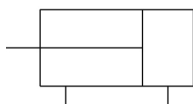




MK-Z Rotary Clamp Cylinder, Standard w/Auto Switch Mounting Grooves MKG40TF-30LZ

Datasheet

- Length has been reduced in comparison to MK2 and is similar in length to MK.
- Bore sizes (mm): 12, 16, 20, 25, 32, 40, 50, 63
- Compact auto switch D-M9 can be mounted on 4 sides.
- Magnetic field resistant auto switch can be used.
- 2 types of cylinder mounting are available with one body.



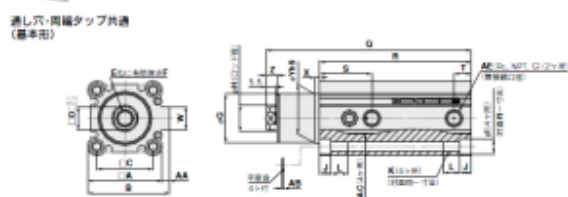
Double-acting, single-rod cylinder

Standard specifications

Mounting	G (Head Flange)
Bore Size	Ø40 mm
Port Thread	TF (G)
Clamp Stroke	30 mm
Rotary Direction	L (Counterclockwise)
Body Option	Standard (Female Thread)
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]
Made to Order	None
Pressure medium	Air
Maximum temperature of pressure medium	70 °C
Maximum temperature of pressure medium with magnet	60 °C
Minimum temperature of pressure medium	-10 °C (No freezing)
Minimum temperature of pressure medium with magnet	-10 °C (No freezing)
Maximum operating pressure	1.0 MPa
Minimum operating pressure	0.1 MPa
Proof pressure	1.5 MPa
Maximum ambient temperature	70 °C

Maximum ambient temperature with magnet	60 °C
Minimum ambient temperature	-10 °C (No freezing)
Minimum ambient temperature with magnet	-10 °C (No freezing)
Number of pneumatic connections	2 pcs.
Pneumatic input connection	G 1/8
Pneumatic exhaust connection	G 1/8
Mode of operation of drive	Double acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	628 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	528 N
Maximum piston speed	200 mm/s
Type of cushioning	Rubber bumper
Piston rod end	Female thread
Female thread of rod end	M10
Weight	0.832 Kg

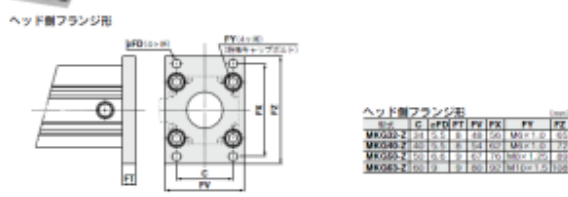
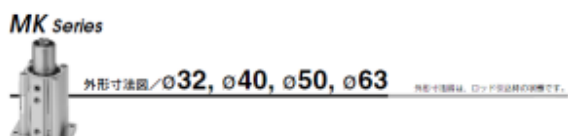
Dimensions



標準形	A	B	C	D	E	F	G	H	I	J	K	L	S	T	W	X	Y	Z	AA	AB	AC	AD
MK32-Z	41.4	49.4	79.1	14.1	M10x1.5	17.1	26.1	14.1	9.1	7.1	M10x1.5	10.1	27.1	14.1	14.1	16.1	14.1	14.1	14.1	14.1	14.1	14.1
MK40-Z	52.5	60.5	90.1	14.1	M10x1.5	17.1	26.1	14.1	9.1	7.1	M10x1.5	10.1	27.1	14.1	14.1	16.1	14.1	14.1	14.1	14.1	14.1	14.1
MK50-Z	64.1	72.1	101.1	14.1	M10x1.5	17.1	26.1	14.1	9.1	7.1	M10x1.5	10.1	27.1	14.1	14.1	16.1	14.1	14.1	14.1	14.1	14.1	14.1
MK63-Z	77.1	85.1	114.1	14.1	M10x1.5	17.1	26.1	14.1	9.1	7.1	M10x1.5	10.1	27.1	14.1	14.1	16.1	14.1	14.1	14.1	14.1	14.1	14.1

型番	コイル仕様	コンタクト仕様											
		10mm				20mm				30mm			
		Q	R	Q	R	Q	R	Q	R	Q	R	Q	R
MK32-Z	標準仕様	11.4	81.5	105.1	91.5	143.1	116.5	101.5	139.5	116.5	121.5	116.5	121.5
	増設仕様	75.5	106.5	143.5	116.5	143.5	116.5	143.5	116.5	143.5	116.5	143.5	116.5
MK40-Z	標準仕様	11.4	76	104.5	85	154.5	128.5	95	128.5	115	115	115	115
	増設仕様	129.5	143.5	169.5	143.5	169.5	143.5	169.5	143.5	169.5	143.5	169.5	143.5
MK50-Z	標準仕様	10.5	90.5	131	96.5	171	106.5	121	106.5	121	126.5	121	126.5
	増設仕様	143.5	169.5	195.5	169.5	195.5	169.5	195.5	169.5	195.5	169.5	195.5	169.5
MK63-Z	標準仕様	10.5	90	130.5	93	170	110	120.5	110	120.5	130	120.5	130
	増設仕様	130.5	159.5	189.5	159.5	189.5	159.5	189.5	159.5	189.5	159.5	189.5	159.5

※上記はオートスイッチD-MK (全周付) の場合の寸法です。

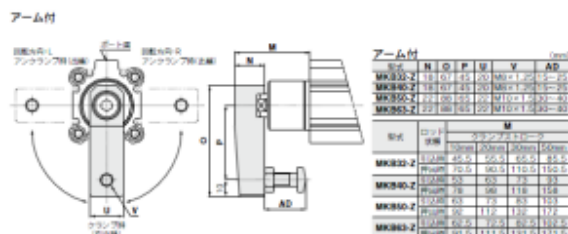


ヘッド側フランジ形

型番	C	D	E	F	G	H	I	J	K	L	S	T	W	X	Y	Z	AA	AB	AC	AD
MK32-Z	41.4	49.4	79.1	14.1	M10x1.5	17.1	26.1	14.1	9.1	7.1	M10x1.5	10.1	27.1	14.1	14.1	16.1	14.1	14.1	14.1	14.1
MK40-Z	52.5	60.5	90.1	14.1	M10x1.5	17.1	26.1	14.1	9.1	7.1	M10x1.5	10.1	27.1	14.1	14.1	16.1	14.1	14.1	14.1	14.1
MK50-Z	64.1	72.1	101.1	14.1	M10x1.5	17.1	26.1	14.1	9.1	7.1	M10x1.5	10.1	27.1	14.1	14.1	16.1	14.1	14.1	14.1	14.1
MK63-Z	77.1	85.1	114.1	14.1	M10x1.5	17.1	26.1	14.1	9.1	7.1	M10x1.5	10.1	27.1	14.1	14.1	16.1	14.1	14.1	14.1	14.1

ロッド側フランジ形

型番	C	D	E	F	G	H	I	J	K	L	S	T	W	X	Y	Z	AA	AB	AC	AD
MK32-Z	41.4	49.4	79.1	14.1	M10x1.5	17.1	26.1	14.1	9.1	7.1	M10x1.5	10.1	27.1	14.1	14.1	16.1	14.1	14.1	14.1	14.1
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MK63-Z	77.1	85.1	114.1	14.1	M10x1.5	17.1	26.1	14.1	9.1	7.1	M10x1.5	10.1	27.1	14.1	14.1	16.1	14.1	14.1	14.1	14.1

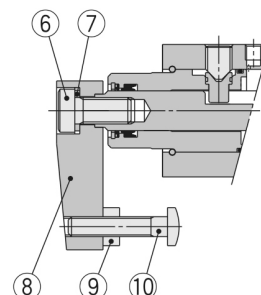


アーム付

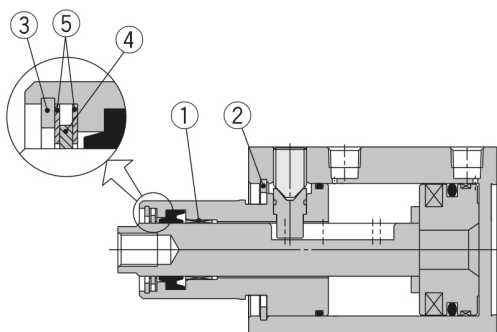
型番	A	B	C	D	E	F	G	H	I	J	K	L	S	T	W	X	Y	Z	AA	AB	AC	AD
MK32-Z	41.4	49.4	79.1	14.1	M10x1.5	17.1	26.1	14.1	9.1	7.1	M10x1.5	10.1	27.1	14.1	14.1	16.1	14.1	14.1	14.1	14.1	14.1	14.1
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MK50-Z	64.1	72.1	101.1	14.1	M10x1.5	17.1	26.1	14.1	9.1	7.1	M10x1.5	10.1	27.1	14.1	14.1	16.1	14.1	14.1	14.1	14.1	14.1	14.1
MK63-Z	77.1	85.1	114.1	14.1	M10x1.5	17.1	26.1	14.1	9.1	7.1	M10x1.5	10.1	27.1	14.1	14.1	16.1	14.1	14.1	14.1	14.1	14.1	14.1

Constructions

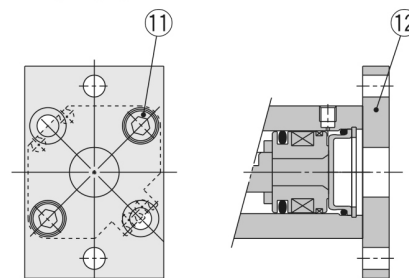
With arm (N)



New MK40 to 63



Head flange (G)



Component Parts

No.	Description	Material	Note
1	Bushing	Copper bearing material	
2	Round R-type retaining ring	Carbon tool steel	
3	Round R-type retaining ring	Carbon tool steel	
4	Coil scraper	Phosphor bronze	
5	Scraper pressure	Stainless steel	
6	Hexagon socket head cap screw	Chromium molybdenum steel	
7	Spring washer	Hard steel	
8	Arm	Rolled steel	
9	Hexagon nut	Rolled steel	
10	Clamp bolt	Chromium molybdenum steel	
11	Hexagon socket head cap screw	Chromium molybdenum steel	ø40: 4 pcs.
12	Flange	Rolled steel	

Additional information

Catalogue

[MK-A_EU.pdf](#)