KRRA
Rotary Actuator

Ø16mm - Ø25mm

Features
- Rack and pinion mechanism
- Minimal backlash
- Choice of 90° or 180° rotation options
- Angle of rotation adjustable by 45°
- Magnetic sensing as standard

Materials

Body:	Anodised aluminium
Piston:	Brass
Piston seal:	NBR
Wear ring:	PTFE
Pinion:	Hard chromed steel
Endcaps:	Anodised aluminium

Description
Double acting rotary actuator, fixed buffer, magnetic piston(s).

Technical Specifications

Pressure range:	1.5 to 7 bar (Ø16) 0.6 to 7 bar (Ø20 & 25)
Temperature range:	-10°C to +70°C
Media:	Compressed and filtered air, dry or lubricated
Speed range:	50 to 100 mm/sec
Reed Switch Kit:	Comprising (1x) self mounting normally open switch with LED and 1m flying lead
Shock absorber:	Optional

Part number	Unit Ø mm	Rotation angle	Reed switch kit (optional)	Shock absorber and bracket (optional)
KRRA016090	16	90°	W265282	KAC1008-2
KRRA016180	16	180°	W265282	KAC1008-2
KRRA020090	20	90°	W265282	KAC1008-2
KRRA020180	20	180°	W265282	KAC1008-2
KRRA025090	25	90°	W265282	KAC1008-2
KRRA025180	25	180°	W265282	KAC1008-2

Ordering Information:
Unit type + Ø + angle of rotation
Example: KRRA 020 180
Optional items should be ordered separately

KRRT
Rotary Table

Ø16mm - Ø40mm

Features
- High load bearing capacity
- Fully adjustable angle of rotation
- Rack and pinion mechanism
- Minimal backlash
- Magnetic sensing as standard

Materials

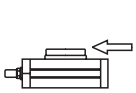
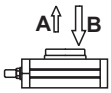
Body:	Anodised aluminium
Piston:	Brass
Piston seal:	NBR
Wear ring:	PTFE
Pinion:	Hard chromed steel
Endcaps:	Anodised aluminium

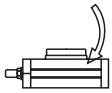
Description
Double acting 190°rotary actuator, fixed buffer, magnetic pistons.

Technical Specifications

Pressure range:	2 to 10 bar
Temperature range:	0°C to +60°C
Media:	Compressed and filtered air, dry or lubricated
Maximum rotation:	190°
Range of adjustment:	0° to 190°
Reed Switch Kit:	Comprising (1x) self mounting normally open switch with LED and 1m flying lead

Part number	Unit Ø mm	Reed switch kit	Shock absorbers (optional) Non-adjustable	Adjustable
KRRT016	16	W265284	KAC1008-3	-
KRRT020	20	W265284	KAC1008-2	-
KRRT025	25	W265284	KAC1415-3	KAD1410
KRRT032	32	W265284	KAC1415-2	KAD1410
KRRT040	40	W265284	KAC1415-2	KAD1410



Unit Ø (mm)	Maximum radial load (N)	Maximum thrust load (N) A	B	Maximum moment (Nm)	Theoretical torque output (Nm) 2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar	9 bar	10 bar
16	83	78	83	2.5	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
20	187	188	346	5.1	0.6	0.9	1.3	1.6	1.9	2.2	2.5	2.8	3.1
25	314	296	451	9.7	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.9
32	388	365	571	11.2	1.4	2.1	2.8	3.5	4.2	5.0	5.7	6.4	7.0
40	492	462	724	14.2	2.5	3.8	5.0	6.3	7.5	8.8	10.1	11.3	12.0

Ordering Information:
Unit type + Ø
Example: KRRT 016
Optional items should be ordered separately