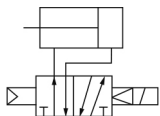


CK1-Z/CKG1-Z, Clamp Cylinder, Magnetic Field Resistant Auto Switch (Band Mounting Style) CK1A50-150YZ

Datasheet

General series information

- This product is being discontinued and will be replaced by CK1-Z1 series. Update details here.
- Clevis width: 16.5mm, 19.5mm
- Easy speed adjustment
- Piping ports are located on three surfaces
- Air cushion: unclamped, head on



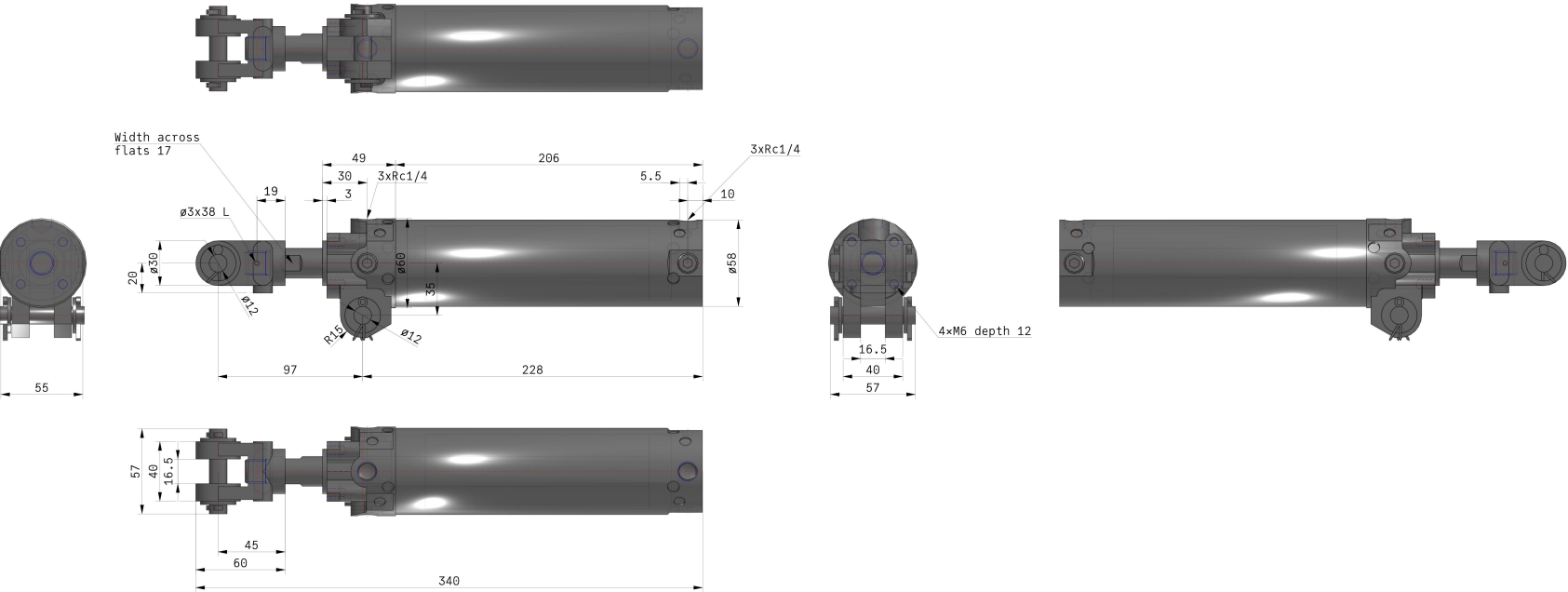
Clamp, Magnetic Field Resistant Auto Switch
(Band Mounting Style) Cylinder

Standard specifications

Magnet	1 (w/o Magnet)
Clevis	A (16.5mm)
Bore Size	50 mm
Thread	Rc1/4
Stroke	150 mm
End Bracket	Y (Double Knuckle Joint, M6 w/o Tap)
Option	None
Auto Switch	None
Lead Wire	None
Number	2 pcs. (Or None in the Case of No Switch)
Air Cushion	None
Maximum operating pressure	1.0 MPa
Minimum operating pressure	0.05 MPa
Proof pressure	1.5 MPa
Maximum piston speed	500 mm/s
Type of cushioning	Unclamped side (head end): With air cushion
Minimum piston speed	50 mm/s
Lubrication	Non-lube

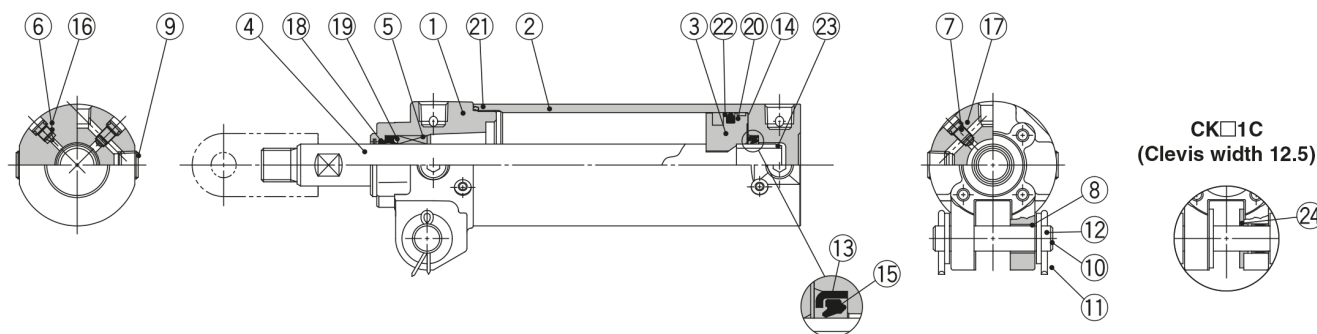
Fluid	Air
Ambient and fluid temperature	-10°C - 70°C
Stroke length tolerance	+1.0 0
F450 - Mounting	Double clevis
Speed controller	Equipped on both ends
Weight	1.900 Kg

Dimensions



Constructions

CK□1□40, 50, 63 Band mounting style



Component Parts

No.	Description	Material	Q'ty	Note
1	Rod cover	Aluminum alloy	1	Chromated
2	Tube cover	Aluminum alloy	1	Hard anodized
3	Piston	Aluminum alloy	1	Chromated
4	Piston rod	Carbon steel	1	Hard chrome plating
5	Bushing	Bearing alloy	1	
6	Cushion valve	Steel wire	1	Black zinc chromated
7	Speed controller valve	Steel wire	2	Nickel plating
8	Clevis bushing	Oil-impregnated sintered alloy	2	
9	Hexagon socket head plug	Carbon steel	4	Rc1/4
10	Pin	Carbon steel	1	
11	Cotter pin	Low carbon steel wire rod	2	
12	Flat washer	Rolled steel	2	
13	Cushion seal retainer	Rolled steel	1	Zinc chromated
14	Wear ring	Resin	1	
15	Cushion seal	Urethane	1	
16	Cushion valve seal	NBR	1	
17	Speed controller valve seal	NBR	2	
18	Coil scraper	Phosphor bronze	1	
19	Rod seal	NBR	1	
20	Piston seal	NBR	1	
21	Tube gasket	NBR	1	
22	Magnet	—	—	For the CKG1
23	Cushion ring	Aluminum alloy	1	Anodized
24	Spacer	Bearing alloy	2	CK□1C only

Additional information

Catalogue

[CK1-Z-Bb_EU.pdf](#)

Operation manuals

[OM_CK1-Z_OM0066P_EN.pdf](#)
[OM_CK1-Z1_OM0258Q_EN.pdf](#)