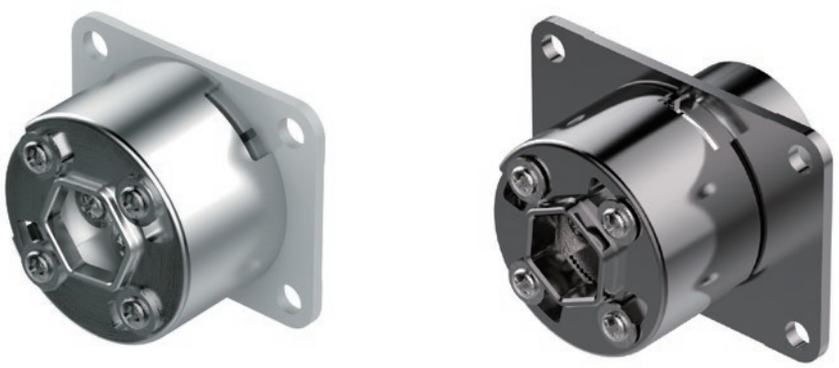


SR2 / SR12

Bi-directional No-back clutch

TOK

Clutch stops at any desired position

The reverse input shutoff mechanism allows you to easily raise and lower heavy loads with simple manual operation.
It transmits power from the input shaft to the output side, while simultaneously locking the output shaft when there is no input.
This means that once you stop providing input, the load is precisely and securely held in place.

SR2 Video

Features

- Easy to use with a straightforward operation method.
- High cost-performance.
- No external power source like electricity is needed.
- Compact design adapts to diverse environments.
- Simple installation requires no complex processing.

SR2

Lock torque	1.25 N･m	Allowable rotational speed (Approximate)	60 r.p.m
Weight	approx. 110 g	Durability	10,000 cycles (*1)

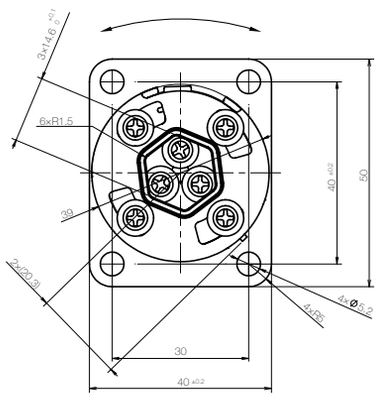
*1 The durability test condition is defined as one cycle of bidirectional operation at 62 min^{-1} for 12.5 rotations under a 1.25 N･m load.
There is a 3-second pause when reversing the rotational direction.

CAD download

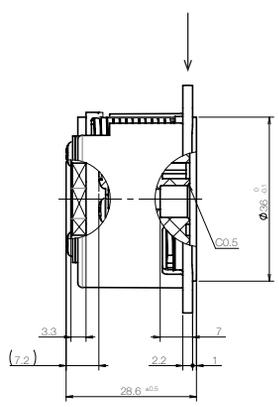
[mm]

〈INPUT〉

Insert the drive source into the hexagonal socket to transmit power bidirectionally.

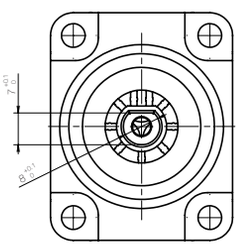


This part should be fixed in place.



〈OUTPUT〉

Output lock direction
SR2-01-10KR : CW
SR2-01-10KL : CCW



SR12

(High torque type)

Lock torque	12.5 N･m	Allowable rotational speed (Approximate)	60 r.p.m
Weight	approx. 250 g	Durability	5,000 cycles (*2)

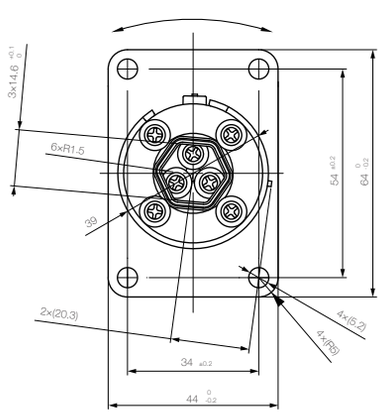
*2 The durability test condition is defined as one cycle of bidirectional operation under a 12.5 N･m load:
[CW: 60 min^{-1} for 10 rotations] ↔ [CCW: 5 min^{-1} for 1 rotation].
There will be a 2-second pause when reversing the rotational direction.

CAD download

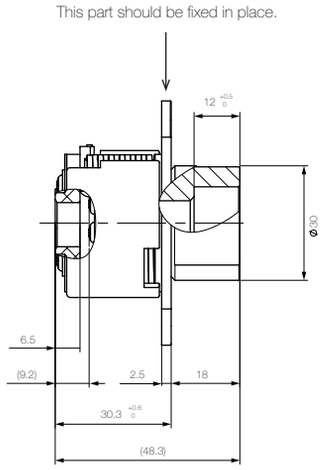
[mm]

〈INPUT〉

Insert the drive source into the hexagonal socket to transmit power bidirectionally.

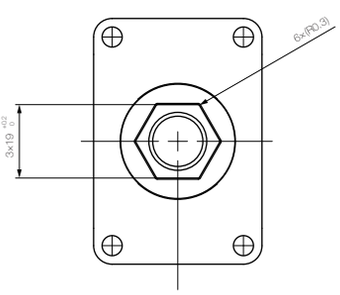


This part should be fixed in place.



〈OUTPUT〉

Output lock direction
SR12-01-125KR : CW
SR12-01-125KL : CCW



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