

SR12 for holding and locking motion



This is a new clutch mechanism that allows you to easily lift and lower heavy objects and hold them in any position.

BENEFIT

Control devices such as "electromagnetic clutches, actuators, and solenoids" require electrical power, however, SR12 can operate without it.

- ✓ Higher torque type than SR2
- ✓ Easy operation
- ✓ Compact size
- ✓ Easy installation
- ✓ No power required
- ✓ Competitive price

Code	Part No.	Torque [N·m] (kgf·cm)	Rotational Direction	
			Output	Input
381201	SR12-01-125KR	12.5 (127.4)	One Direction	Bi-Direction

DURABILITY

Durability	5,000 cycles
Test Condition	
• Locked Torque	: 12.5 N·m
• Number of cycles	: 5,000 cycles
• Operation cycle	: CW [60 min ⁻¹ / 10 rotation] >> 2 sec stop >> CCW [5 min ⁻¹ / 1 rotation] >> 2 sec stop

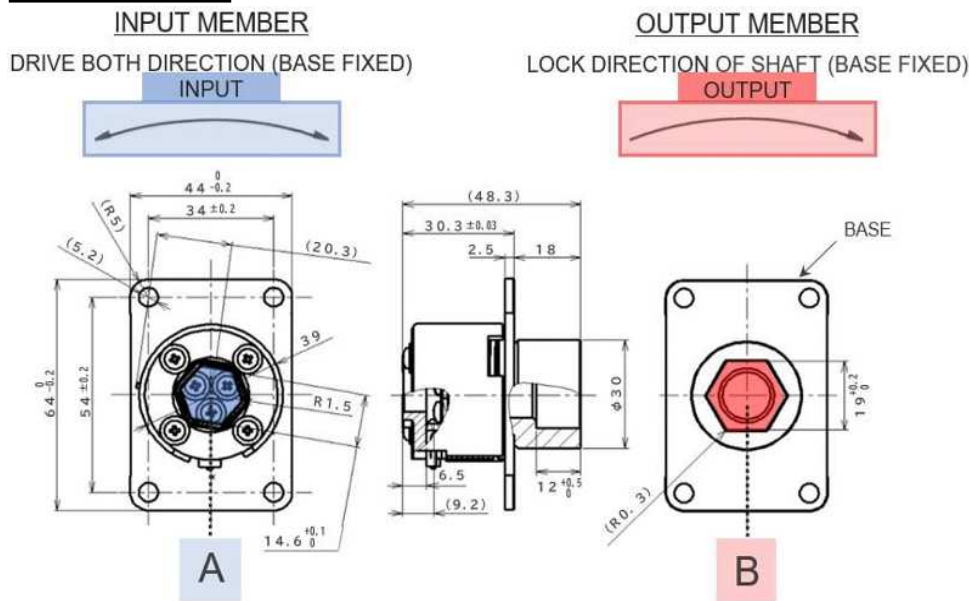
OPERATION TEMPERATURE

Operation Temperature [°C] (°F)
-20 ~60°C (-4 ~140°F)

MAIN MATERIALS

Part Name	Material
Input Member	Zinc Die Casting
Output Member	Zinc Die Casting
Fixed Member	Zinc Die Casting
Spring	Piano wire

DIMENSIONS

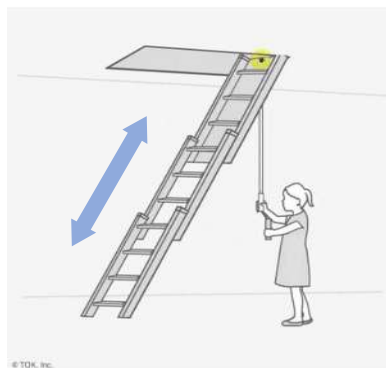


SR12-01-125KR		
	Input Rotation	Output Function
A	CW	B is followed
	CCW	B is followed
B	CW	B is locked A is not followed
	CCW	A is followed

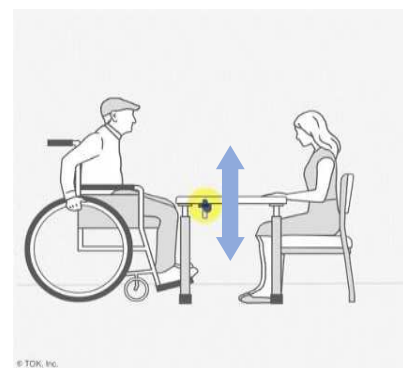
APPLICATION IMAGES

【Holding and Locking Motion】

- Lifting and lowering heavy objects
- Fixable at any position
- Easy operation



Holding and locking motion



Height adjustable table

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