

Interactive Clutch Free Type "OSF"

The Interactive Clutch Free Type is a mechanical element that can transmit the power given to the input shaft to the output shaft, and can disconnect the power (reverse input) applied to the output shaft by idling of the output shaft.

By using this product, mechanical elements requiring electric power such as electromagnetic clutches, solenoids, and motors can be reduced, making it possible to reduce the size of equipment, simplify, and save power.



01 Features

1. Can be used for forward and reverse rotation

- Can be used in both forward and reverse directions (clockwise / counterclockwise).

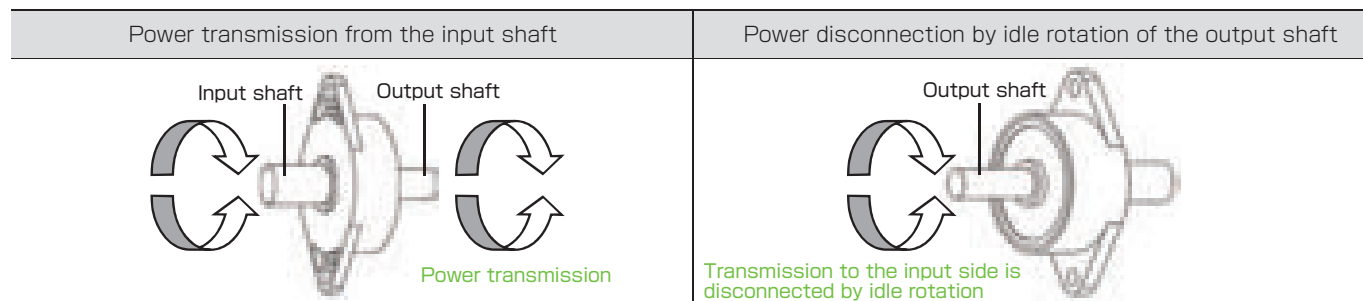
2. No power required

- Since it is a mechanical system, no power is required for switching control.

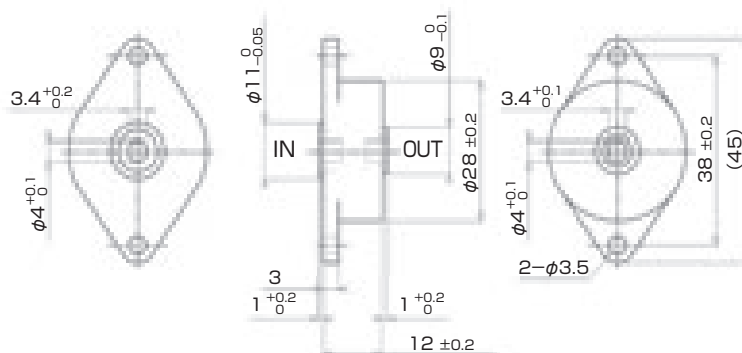
3. Custom designs available

- We offer custom designs with added output shaft and inputs.

02 Standard Specifications



Dimension Overview



03 Development Setting Value

Part number	Braking torque	Transmission maximum torque
	Torque required to rotate the input side when the output side is in the no-load state	Retention torque when load is applied to the output side
OSFF4-4	10mNm or less	0.6 Nm

* Specifications are subject to change without prior notice for product improvement.

04 Product Applications

- **Electric / manual combined use**...Electric curtains, electronic locks, electric bicycles
- **Disconnection of power**...Automatic doors, jam clearance release mechanisms