

- Performance


Retention Torque *1	5 N・m
Loss Torque *2	0.05 N・m
Velocity Ratio	Constant Velocity (1:1)

*1: Load torque from output side which **EPL** can hold.

*2: Torque lost when torque is transmitted from input side to output side

- Material/Finish

	EPL
Main Body	A6061 Anodized
Output Shaft	SUS440C (Hardness: 52 - 58 HRC)

Part Number 	Mass (g)
EPL-48-D6-D6	135

Precautions for Use

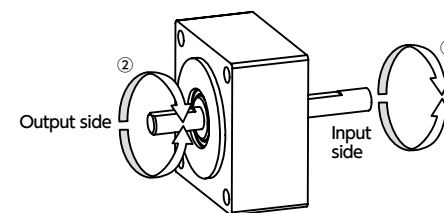
Be sure to read the Instruction Manual before use to ensure safe and correct usage.

The Instruction Manual can be downloaded from the NBK website.

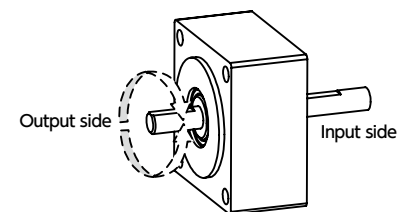
- Position retention (locking) optional parts used in combination with **EPU-100**.
- Suitable for preventing positioning misalignment due to equipment vibration, external force, or dead weight in vertical use after positioning with **EPU-100**.
- The input/output velocity ratio is 1:1.

- Function

The torque ① from the input side (EPU-100 side) is transmitted ② to the output side (equipment side).

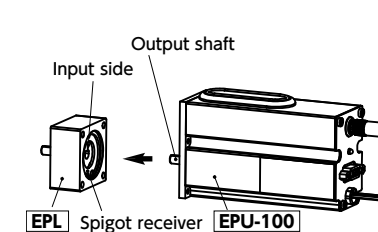


The torque load from the output side is not transmitted to the input side.



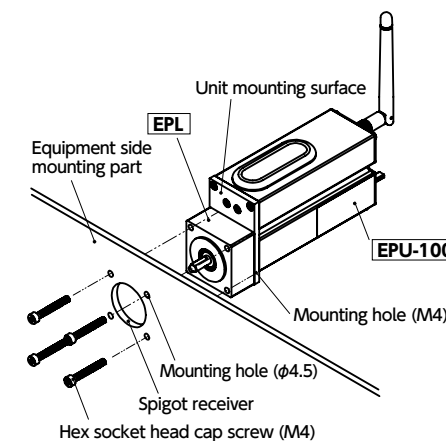
- Mounting

- ① Align the output shaft of the **EPU-100** with the D-cut surface phase of the hole on the input side of the lock adapter **EPL**, and insert.
- ② Align the spigot joint, and combine **EPL** and **EPU-100** in parallel.



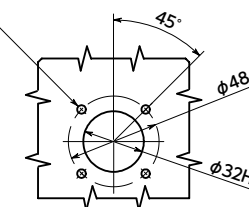
- ③ Insert **EPL** between the equipment side mounting part and **EPU-100**, and fix with a hex socket head cap screw such that there are no gaps between **EPU-100**, **EPL**, and the equipment.
*Hex socket head cap screws are not provided.

When fixing from equipment side

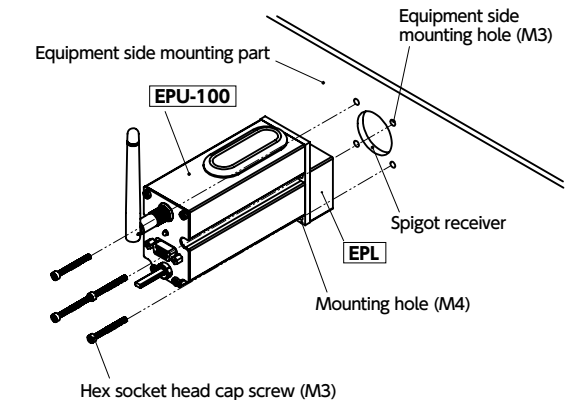


Equipment side mounting part
recommended machining dimensions

When fixing from equipment side: 4-φ4.5
When fixing from **EPU-100** side: 4-M3



When fixing from **EPU-100** side



- **Related Products**

Hex socket head cap screws with long thread parts **SNSS-FT** suitable for **EPL** mounting are available.



- Part number specification

EPL-48-D6-D6



Available Area : Japan, the US, Canada, China