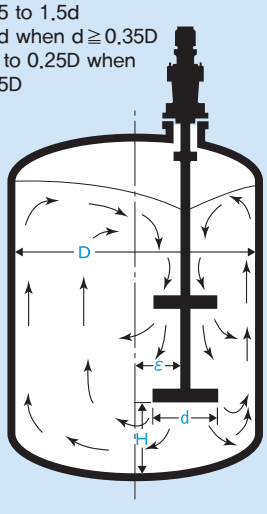
D-TYPE TOP MIXERS / E-TYPE TOP MIXERS

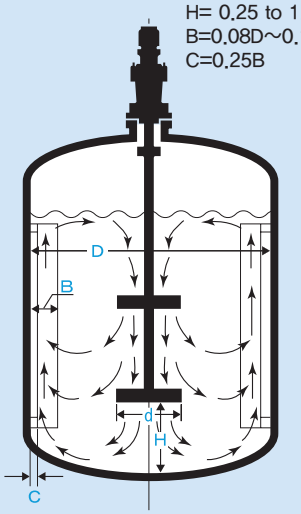
D–type top mixers

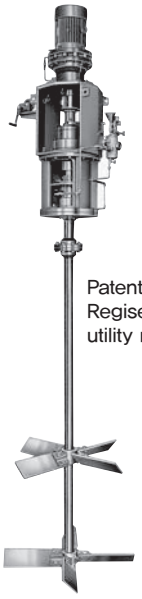
Mounting posision and mixing flow

H= 0.25 to 1.5d
ε =0.5d when d≧0.35D
ε =0.2 to 0.25D when
d≦0.35D



H= 0.25 to 1.5d
B=0.08D~0.1D
C=0.25B





Patented
Regisered
utility model

E–type top mixers

Mixers that allow virtually all commercially available reduction gears and speed changers

■ Features

- Seven different sizes are available so that any commercially available reduction gear, speed changer, or motor can be used.
- The capacity ranges from 0.4 kW to 150 kW, with most mixers designed for large low–speed models.

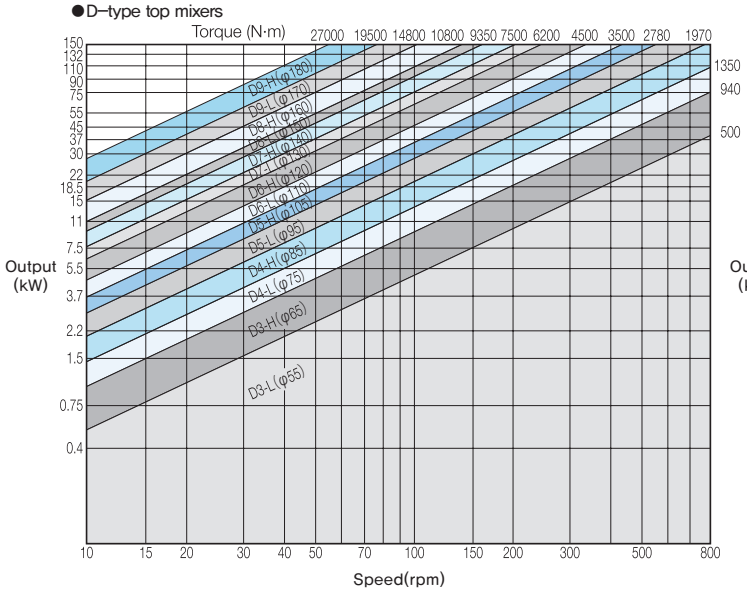
Easily detachable mechanical seal type mixers

■ Features

- The sleeve–type mechanical seal unit is easy to remove from the side of the mounting frame.
- All the tools needed to disassemble and reassemble the mixer are provided. No additional tools are required.
- Troublesome centering is eliminated because of the adoption of spigot joint construction.

■ Specifications

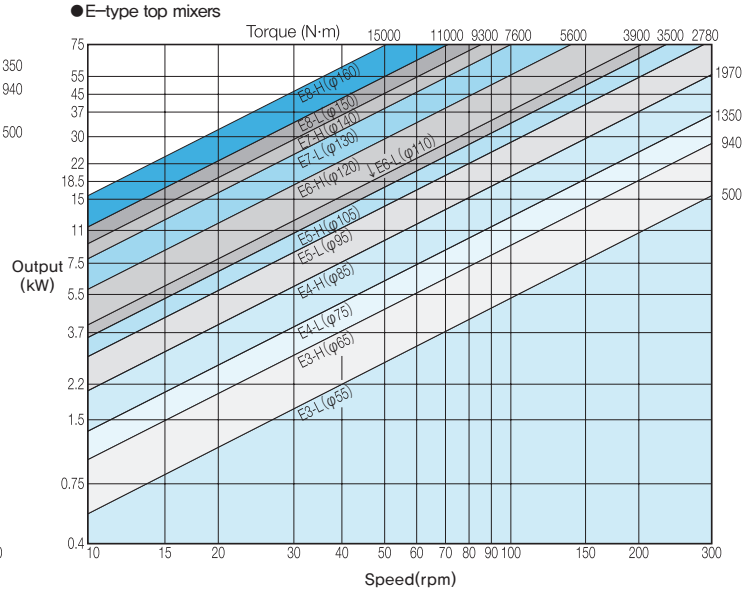
●D–type top mixers



※ D–type top mixers are available depending on the torque range. The table on the left provides a guideline. The torque can be obtained when the speed and power output are known. The frame number and drive shaft diameter can be determined simultaneously.

■ Specifications

●E–type top mixers

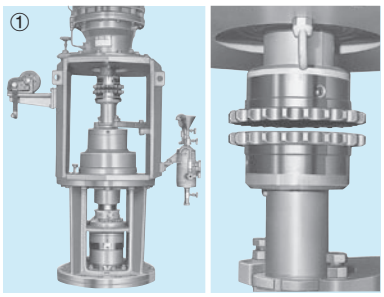


※ E–type top mixers are available depending on the torque range. The table on the left provides a guideline. The torque can be obtained when the speed and power output are known. The frame number and drive shaft diameter can be determined simultaneously.

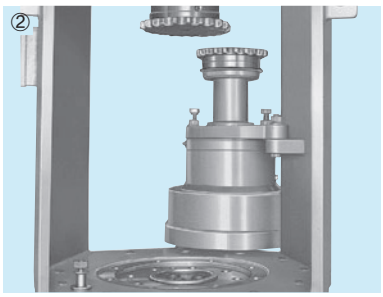
D-TYPE TOP MIXERS / E-TYPE TOP MIXERS

E–type Top Mixers Disassembly method of the mechanical seal unit

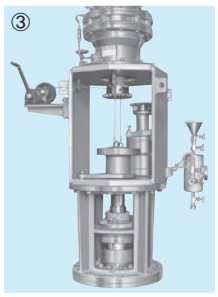
Patented structure



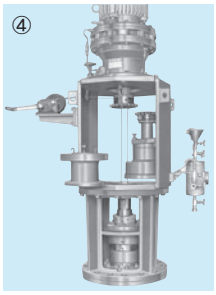
① Remove the roller chain from the chain coupling.



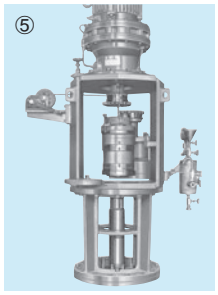
② Turn and move the bearing unit.



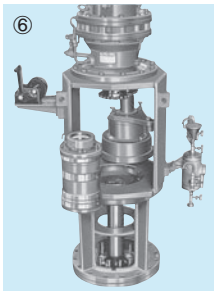
③ Remove the flange coupling.



④ Remove the fixed plate.



⑤ Hoist the mechanical seal unit.



⑥ Place the unit on the jig plate. Turn and move.

Disassembly method: See the separate catalog for details.

HADO MIXERS GUIDE

MIXING TORQUEMETER ST-3000Ⅱ

■ **Application**

- To collect the basic data of mixing (power, Np).
- To determine the best mixing conditions and need for up–scaling.
- To measure reaction, change of physical properties during mixing, etc.
- Physical properties and quality control of slurry, mixtures, etc.

Upgraded to ST–3000Ⅱ with the addition of air–purging and associated software (optional).

- A maximum torque of 0.32 N·m facilitates mixing of substances having a wide range of viscosities from low to medium to high.
- The attached control box features a touch type panel for easy, interactive operation.
- Among the newly introduced functions is the "PC control" feature that enables operation from a PC after installation of the associated software StirPC for ST–3000Ⅱ (optional).
- Pressurized air is introduced from the air purge inlet to protect the main unit from corrosive gases.
- The standard package includes five impellers, which include three impellers from the high performance impellers super–mix series.
- The main unit and control box are lightweight and compact for greater portability.