Standard Model Specifications and Handling

■ Standard type DISCO specifications

Location of use	Indoors away from rain, water and direct sunlight*
Atmosphere	Dust at general factory levels is acceptable. No corrosive or explosive gas.*
Ambient temperature	14°F - 104°F
Relative humidity	Below 95%
Variable speed operation	Knob on the right-hand side (seen from the output shaft side).

* If standard DISCO will be used in washdown and corrosive environments, please contact U.S. Tsubaki, PTUC Division.

■ Key

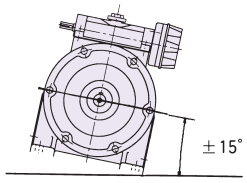
ANSI B17.1 - 1967.R1973	ISO R773
Output shaft of basic type and NEMA-C flange output Input shaft of free-input type Output shaft with R-type speed reducer and S-type speed reducer Input shaft hole with NEMA-C flange	The shaft keys of the speed control shaft and speed control knob meet ISO Key R773 (metric)

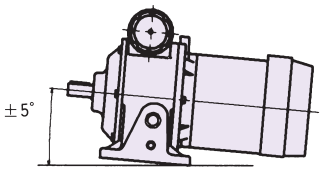
■ Installation and handling precautions

• Do not hang or carry the variable speed drive by its knob or speed control shaft.

■ Direction of installation

• Install as horizontally as possible (vertically for vertically mounted types). The allowable ranges are illustrated at right.
• If greater angles of installation are required, call U.S. Tsubaki.





■ Location of installation

• Install in a place with good ventilation and where maintenance and inspection can be carried out easily.

■ Coupling

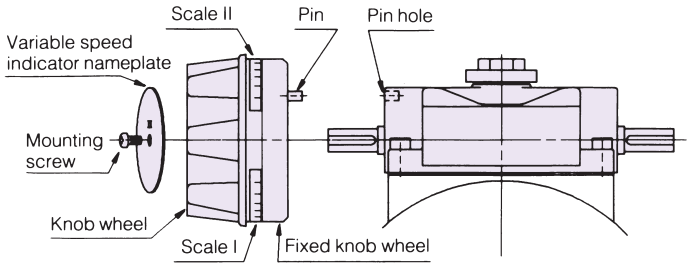
• When connecting to other machinery using a coupling, make sure to center correctly. Incorrect centering shortens the life of the couplings and can cause damage to the variable speed drive. (We suggest U.S. Tsubaki's flexible coupling for this purpose.)
• Try to minimize impact, vibration and thrust from connected equipment.
• When mounting couplings, sprockets and pulleys, etc., on the input and output shafts of the DISCO, insert a bolt into the tapped hole on the shaft and use a jack screw. Excessive hammering will damage the bearings or the inside of the variable speed drive.

■ Operation

• Do not turn the knob when the drive is stopped.
• When starting the drive with a full load or with large load inertia, start at as low a speed as possible.
• Make sure not to overload the drive.

■ Changing the right knob to left

• It is possible to change just the speed control knob without removing the speed control head housing.
• Remove the center screw with a Phillips screwdriver and remove the knob.
• Put the knob in the left-hand side of the speed control shaft and the pin into the pin hole. (See the drawing on the right.) Make sure not to hit the pin too hard.
• Turn the Scale II side on the variable speed indicator nameplate to the front and screw down the mounting screws to complete reassembly.



With DK002, it is possible to change the position of the knob wheel by removing the mounting screw only. Having removed the screw, turn the Scale II side on the variable speed indicator nameplate to the front and screw down.