

Installation and Maintenance Instructions Freewheel Type CSK..PP

To avoid premature failure of the freewheel or possible machine malfunction, installation of the freewheel should be carried out by suitably qualified personnel and according to the following instructions.

STIEBER will not accept liability in cases of non-compliance with these instructions!

Prior to Installation:

The freewheels should be unpacked and installed in a clean, dry working environment.

The freewheeling direction should be checked prior to installation.

Reverse unit on shaft to change direction of freewheeling.

The inner race should be fitted to a shaft of h6 tolerance.

The outer housing should be to H6 tolerance.

Installation:

When installing the freewheel, standard bearing fitting procedure should be followed.

Use a keys to DIN 6885 sheet 3 (sheet 1 for size 40) for the inner race. The outer race key dimensions are specified in table below.

The keys should both cover the full width of the unit.

Ensure alignment of the keys and their keyways during installation.

Keyway dimensions outer race:

Size	Keyway Width JS9 [mm]	Keyway Depth Outer Race [mm]
15	2	0,6
17	2	1,0
20	3	1,5
25	6	2,0
30	6	2,0
35	8	2,5
40	10	3,0

During installation or removal apply an evenly distributed load to inner and outer races simultaneously.

Tooling used must not contact the plastic cage. When installed, the plastic cage must not contact surrounding parts.

Avoid any distortion of the races axially or radially during installation or removal.

After Installation:

After installation, ensure the unit freewheels smoothly in the required direction.

Maintenance:

Maximum stocking life: 1 year in a dry atmosphere.

The freewheel is grease lubricated at the factory. Re-lubrication is not required.

Standard operating temperature range -40°C to $+100^{\circ}\text{C}$. Peaks up to 120°C are acceptable for short periods.