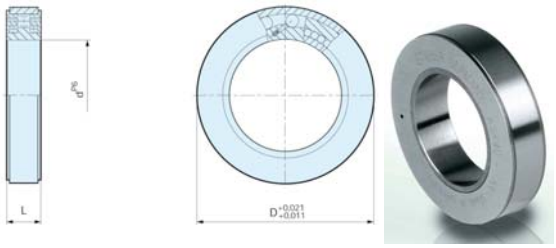
Installation and Maintenance Instructions Freewheel Type ASK

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!



Type	Size	Bearing series					Bearing loads		Weight	Drag torque
							dynamic	static		
	d^{P6} [mm]		T_{KN} [Nm]	n_{max} [min^{-1}]	D [mm]	L [mm]	C [kN]	C_0 [kN]	[kg]	TR [Ncm]
ASK	40	6008	72	3500	68	15	16	20,6	0,25	15
	50	6010	125	2200	80	16	19,6	23,5	0,34	20
	60	6012	250	1800	95	18	25,3	35,1	0,5	25

Description:

Freewheels of the ASK-design are roller type freewheels with individually spring loaded rollers. The main components are: outer race, inner race, drive rollers, two roller bearings and two cover plates. Torque transmission from the freewheel to the shaft and housing is via a press fit. ASK type freewheels will not accept axial loads. The freewheels are despatched grease lubricated.

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. If reversal of freewheeling direction is required, turn the unit through 180°. The inner race should be fitted to a shaft of h6 or j6 tolerance. The outer housing should be to K6 tolerance.

Installation:

Apply load to the inner and outer races simultaneously when installing the freewheel.
Avoid asymmetric loading of the unit during installation.

After Installation:

After installation, ensure the unit rotates smoothly in direction of freewheeling.

Lubrication and Maintenance:

ASK freewheels are despatched grease lubricated using Klüber Polylub WH2.

The operating temperature is between -20°C to +100°C (temperature peaks up to 120°C are admissible).

STIEBER GmbH
PO Box 10 53 80 www.stieber.de
D-69043 Heidelberg, Tel +49 (0)6221 30 47 0, Fax +49 (0)6221 30 47 31