

SKF Thrust cylindrical roller bearing Series: 811



Cylindrical roller thrust bearings are designed to accommodate heavy axial loads and impact loads. They must not be subjected to any radial load. The bearings are very stiff and require little axial space. Bearings in the 811 and 812 series with one row of rollers are mainly used in applications where thrust ball bearings do not have sufficient load carrying capacity. Depending on their series and size, cylindrical roller thrust bearings are fitted with A Glass fibre reinforced PA66 cage [suffix TN] or a machined brass cage [suffix M].

Bearing features:

Separable design

Shaft washer [WS], housing washer [GS], cylindrical roller and cage thrust assembly [K] can be mounted separately.

Extended bearing service life

To prevent stress peaks, the roller ends are relieved slightly to modify the line contact between the raceway and rollers.

Characteristics

Series: 811

Manufacturer ID	Cage material	Inner diameter mm	Outer diameter mm	Height mm	Article
81105 TN	Plastic	25	42	25	81105-SKF
81106 TN	Plastic	30	47	30	81106-SKF
81108 TN	Plastic	40	60	40	81108-SKF
81109 TN	Plastic	45	65	45	81109-SKF
81117 TN	Plastic	85	110	85	81117-SKF

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