

SKF Thrust cylindrical roller bearing Series: 812



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: 812

Manufacturer ID	Cage material	Inner diameter mm	Outer diameter mm	Height mm	Article
81230 M	Brass	150	215	150	23759925
81232 M	Brass	160	225	160	24003055
81234 M	Brass	170	240	170	12983539
81236 M	Brass	180	250	180	13199442
81238 M	Brass	190	270	190	13199443
81240 M	Brass	200	280	200	13199444
81244 M	Brass	220	300	220	13199445
81248 M	Brass	240	340	240	13199446
81252 M	Brass	260	360	260	13199447
81206 TN	Plastic	30	52	30	23759914
81207 TN	Plastic	35	62	35	23759915
81208 TN	Plastic	40	68	40	23759916
81209 TN	Plastic	45	73	45	23759917
81210 TN	Plastic	50	78	50	23759918
81211 TN	Plastic	55	90	55	23759919
81212 TN	Plastic	60	95	60	23759920
81213 TN	Plastic	65	100	65	23759921
81214 TN	Plastic	70	105	70	23759922
81215 TN	Plastic	75	110	75	24003049
81216 TN	Plastic	80	115	80	23759923
81222 TN	Plastic	110	160	110	24003052
81224 TN	Plastic	120	170	120	24003053
81226 TN	Plastic	130	190	130	24003054

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.