



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
81138 M	Brass	190	240	190	24003045
81140 M	Brass	200	250	200	24003046
81144 M	Brass	220	270	220	24003047
81148 M	Brass	240	300	240	24003048
81152 M	Brass	260	320	260	13199439
81164 M	Brass	320	400	320	13199441
81102 TN	Plastic	15	28	15	23759898
81103 TN	Plastic	17	30	17	23759899
81104 TN	Plastic	20	35	20	24003038
81105 TN	Plastic	25	42	25	23759900
81106 TN	Plastic	30	47	30	23759901
81107 TN	Plastic	35	52	35	24003039
81108 TN	Plastic	40	60	40	23759902
81109 TN	Plastic	45	65	45	23759903
81110 TN	Plastic	50	70	50	23759904
81111 TN	Plastic	55	78	55	23759905
81112 TN	Plastic	60	85	60	23759906
81112 TN/W64	Plastic	60	85	60	13199436
81113 TN	Plastic	65	90	65	23759907
81114 TN	Plastic	70	95	70	23759908
81115 TN	Plastic	75	100	75	24003040
81116 TN	Plastic	80	105	80	24003041
81117 TN	Plastic	85	110	85	24003042
81118 TN	Plastic	90	120	90	23759909
81120 TN	Plastic	100	135	100	24003043
81124 TN	Plastic	120	155	120	24003044
81126 TN	Plastic	130	170	130	13199438
81128 TN	Plastic	140	180	140	23759910

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.

Manufacturer ID	Cage material	Inner diameter	Outer diameter	Height	Article
		mm	mm	mm	
81130 TN	Plastic	150	190	150	23759911
81132 TN	Plastic	160	200	160	23759912
81134 TN	Plastic	170	215	170	23759913

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.