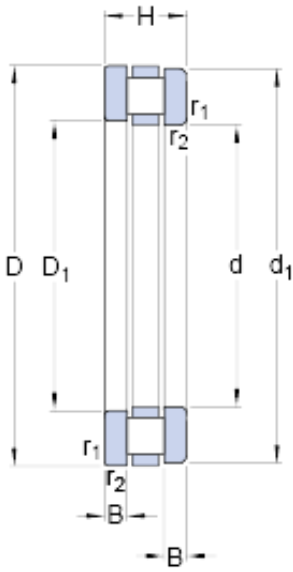




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81110 TN Bearing 2D drawings and 3D CAD models

50 mm x 70 mm x 4 mm skf 81110 TN Cylindrical roller thrust bearings

Bearing No. 81110 TN

Size	70x50x14 mm
Bore Diameter	70 mm
Outer Diameter	50 mm
Width	14 mm
d	50 mm
D	70 mm
H	14 mm
d ₁	70 mm
D ₁	52 mm
B	4 mm
r _{1,2} - min.	0.6 mm
d _a - min.	68 mm
D _a - max.	52 mm
r _a - max.	0.6 mm
Basic dynamic load rating - C	47.5 kN
Basic static load rating - C ₀	166 kN
Fatigue load limit - P _u	16.6 kN
Reference speed	2200 r/min
Limiting speed	4300 r/min
Mass bearing	0.14 kg
Category	Thrust Roller Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.14
EAN	7316570644043
Product Group	B04144
Rolling Element	Cylindrical Roller Bearing
Self Aligning	No
Component Description	Roller Assembly plus Raceways
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Polyamide
Precision Class	ABEC 1 ISO P0
Other Features	Single Row Injection Molded Cage
Long Description	50MM Bore 1; 52MM Bore 2; 70MM Outside Diameter; 14MM Height; Cylindrical Roller Bearing; Single Direction; Not Self Aligning; Not Banded; Polyamide Cage; ABEC 1 ISO P0; Roller Assembly plus Raceway
Inch - Metric	Metric
Category	Thrust Roller Bearings
UNSPSC	31171507
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Keyword 3	Cylindrical
Keyword String	Thrust Roller Cylindrical
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	81110 TN
Weight / LBS	0.309
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bore 2	2.047 Inch 52 Millimeter



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Bore 1	1.969 Inch 50 Millimeter
Outside Diameter	2.756 Inch 70 Millimeter
Height	0.551 Inch 14 Millimeter
bore diameter:	50 mm
maximum rpm:	4300 rpm
outside diameter:	70 mm
fillet radius:	0.6 mm
overall width:	14 mm
compatible washers:	LS5070, GS81110, WS81110
thrust bearing type:	Roller & Cage Assembly with Washers
housing washer inside diameter:	52 mm
operating temperature range:	Max 250 ° F
washer width:	4 mm
bearing material:	Steel
series:	811
static load capacity:	166 kN
manufacturer product page:	Click here
cage material:	Polyamide 66
manufacturer upc number:	7316570644043
dynamic load capacity:	47.5 kN
d_1	70 mm
D_1	52 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	68 mm
D_a max.	52 mm
r_a max.	0.6 mm
Basic dynamic load rating C	47.5 kN
Basic static load rating C_0	166 kN
Fatigue load limit P_u	16.6 kN
Minimum axial load factor	0.0022



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