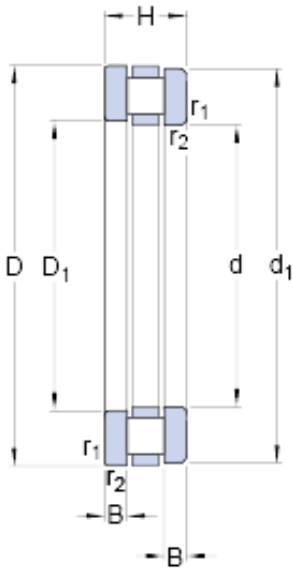




BEARING CORP.OF AMERICA



81114 TN Bearing 2D drawings and 3D CAD models

70 mm x 95 mm x 5.25 mm skf 81114 TN
Cylindrical roller thrust bearings

Bearing No. 81114 TN

Size	95x70x18 mm
Bore Diameter	95 mm
Outer Diameter	70 mm
Width	18 mm
d	70 mm
D	95 mm
H	18 mm
d ₁	95 mm
D ₁	72 mm
B	5.25 mm
r _{1,2} - min.	1 mm
d _a - min.	92 mm
D _a - max.	72 mm
r _a - max.	1 mm
Basic dynamic load rating - C	86.5 kN
Basic static load rating - C ₀	345 kN
Fatigue load limit - P _u	34.5 kN
Reference speed	1700 r/min
Limiting speed	3400 r/min
Category	Thrust Roller Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.33



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EAN	7316571192949
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	70MM Bore 1; 72MM Bore 2; 95MM Outside Diameter; 18MM 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	81114 TN
Weight / LBS	0.728
Bore 2	2.835 Inch 72 Millimeter
Height	0.709 Inch 18 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter



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Bore 1	2.756 Inch 70 Millimeter
Outside Diameter	3.74 Inch 95 Millimeter
d_1	95 mm
D_1	72 mm
$r_{1,2}$ min.	1 mm
d_a min.	92 mm
D_a max.	72 mm
r_a max.	1 mm
Basic dynamic load rating C	86.5 kN
Basic static load rating C_0	345 kN
Fatigue load limit P_u	34.5 kN
Minimum axial load factor A	0.00952
Mass bearing	0.33 kg