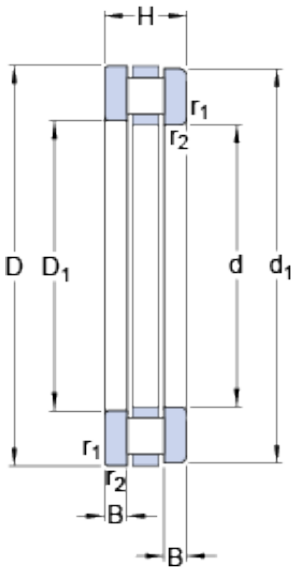




BEARING-MALAYSIA SDN.BHD.



81218 TN Bearing 2D drawings and 3D CAD models

90 mm x 135 mm x 10.5 mm SKF 81218 TN
thrust roller bearings

Bearing No. 81218 TN

Size	135x90x35 mm
Bore Diameter	135 mm
Outer Diameter	90 mm
Width	35 mm
d	90 mm
D	135 mm
H	35 mm
d ₁	135 mm
D ₁	93 mm
B	10.5 mm
r _{1,2} - min.	1.1 mm
d _a - min.	129 mm
D _a - max.	95 mm
r _a - max.	1.1 mm
Basic dynamic load rating - C	232 kN
Basic static load rating - C ₀	865 kN
Fatigue load limit - P _u	90 kN
Reference speed	1000 r/min
Limiting speed	2000 r/min
Category	Thrust Roller Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.854



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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	90MM Bore 1; 93MM Bore 2; 135MM Outside Diameter; 35MM Height; Cylindrical Roller Bearing; Single Direction; Not Self Aligning; Not Banded; Polyamide Cage; ABEC 1 ISO P0; Roller Assembly plus Racewa
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	81218 TN
Weight / LBS	3.858
Bore 2	3.661 Inch 93 Millimeter
Bore 1	3.543 Inch 90 Millimeter
Outside Diameter	5.315 Inch 135 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter



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Height	1.378 Inch 35 Millimeter
bore diameter:	90 mm
maximum rpm:	2000 rpm
outside diameter:	135 mm
fillet radius:	1.1 mm
overall width:	35 mm
compatible washers:	GS81218, WS81218
thrust bearing type:	Roller & Cage Assembly with Washers
housing washer inside diameter:	93 mm
operating temperature range:	Max 250 ° F
washer width:	10.5 mm
bearing material:	Steel
series:	812
static load capacity:	865 kN
manufacturer product page:	Click here
cage material:	Polyamide 66
manufacturer upc number:	7316570237863
dynamic load capacity:	232 kN
d_1	135 mm
D_1	93 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	129 mm
D_a max.	95 mm
r_a max.	1.1 mm
Basic dynamic load rating C	232 kN
Basic static load rating C_0	865 kN
Fatigue load limit P_u	90 kN
Minimum axial load factor A	0.0599
Mass bearing	1.77 kg



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