



Bearing No. 11207 TN9

D	72 mm
d	35 mm
B	52 mm
C	17 mm
Bore	1.378 Inch 35 Millimeter
Noun	Bearing
UNSPSC	31171532
Category	Self Aligning Ball Bearings
Size (mm)	72x35x52
Enclosure	Open
Inventory	0.0
Width (mm)	52
Mass bearing	0.54 kg
Inch - Metric	Metric
Product Group	B00152
Cage Material	Polyamide
d ₁	47 mm
D ₁	60.9 mm
Bearing number	11207 TN9
Keyword String	Self Aligning
Limiting speed	5600 r/min
Other Features	Allowable Misalignment 2.5 Deg Extended Inner Ring
Rolling Element	Ball Bearing
Reference speed	14000 r/min
Precision Class	ABEC 1 ISO P0
Mounting Method	Shaft
Manufacturer URL	http://www.skf.com

Long Description	35MM Bore; Shaft Mount; 72MM Outside Diameter; 52MM Inner Race Width; 17MM Outer Race Width; Open; Polyamide Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Outside Diameter	2.835 Inch 72 Millimeter
Outer Race Width	0.669 Inch 17 Millimeter
Inner Race Width	2.047 Inch 52 Millimeter
Weight / Kilogram	0.54
Manufacturer Name	SKF
Bore Diameter (mm)	72
Internal Clearance	C0-Medium
D_a max.	65 mm
r_a max.	1.1 mm
Outer Diameter (mm)	35
r_a - max.	1.1 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1.1 mm
Calculation factor e	0.23
D_a - max.	65 mm
d_1 ?	47 mm
D_1 ?	60.9 mm
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	1.1 mm
Calculation factor - e	0.23
Number of Rows of Balls	Double Row
Manufacturer Item Number	11207 TN9
Basic dynamic load	19 kN

rating C	
Basic dynamic load rating - C	19 kN
Calculation factor k_r	0.04
Calculation factor Y_2	4.2
Calculation factor Y_1	2.7
Calculation factor Y_0	2.8
Fatigue load limit P_u	0.305 kN
Calculation factor - k_r	0.04
Fatigue load limit - P_u	0.305 kN
Calculation factor - Y_0	2.8
Calculation factor - Y_1	2.7
Calculation factor - Y_2	4.2
Permissible angular misalignment ?	2.5 °
Basic static load rating C_0	6 kN
Basic static load rating - C_0	6 kN