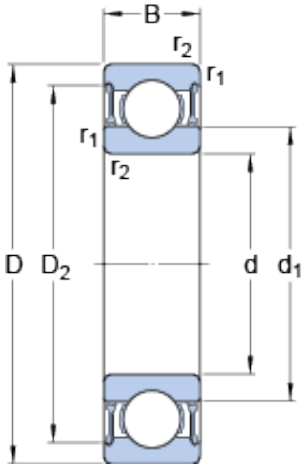




NTN BEARING CORP.OF America LTD.



6207-2RZTN9/HC5C3WT SKF Hybrid Deep Groove Ball Bearings

Bearing No. 6207-2RZTN9/HC5C3WT

6207-2RZTN9/HC5C3WT Bearing 2D drawings and 3D CAD models

Size	72x35x17 mm
Bore Diameter	72 mm
Outer Diameter	35 mm
Width	17 mm
d	35 mm
D	72 mm
B	17 mm
d ₁	46.94 mm
D ₂	62.7 mm
d _a - min.	42 mm
d _a - max.	46.8 mm
D _a - max.	65 mm
r _a - max.	1 mm
Basic dynamic load rating - C	27 kN
Basic static load rating - C ₀	15.3 kN
Fatigue load limit - P _u	0.655 kN
Reference speed	28000 r/min
Limiting speed	15000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	13.8
Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.251
Product Group	B04270
Enclosure	2 Seals
Precision Class	ABEC 3 ISO P6
Material - Ball	Ceramic
Number of Bearings	1 (Single)
Contact Angle	0 Degree
Preload	None
Raceway Style	Not Applicable
Cage Material	Polyamide
Rolling Element	Ball Bearing
Enclosure Type	Non Contact Seal
Flush Ground	No
Inch - Metric	Metric
Other Features	Single Row Deep Groove Corrosion Resistant Ball Grease with Polyurea Thickener C3 Clearance
Long Description	35MM Bore; 72MM Outside Diameter; 17MM Width; 2 Seals Enclosure; ABEC 3 ISO P6 Precision; Ceramic Ball Material; 1 (Single) Bearings; 0 Degree Contact Angle; Polyamide Cage Material; Ball Bearing
Category	Precision Ball Bearings
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Deep Groove Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6207-2RZTN9/HC5C3WT
Weight / LBS	0.589
Bore	1.378 Inch 35 Millimeter



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Width	0.669 Inch 17 Millimeter
Outside Diameter	2.835 Inch 72 Millimeter
bore diameter:	35 mm
static load capacity:	15.3 kN
outside diameter:	72 mm
precision rating:	Not Rated
overall width:	17 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Fiberglass Reinforced Nylon
closure type:	Double Sealed
outer ring width:	17 mm
internal clearance:	C3, C5
fillet radius:	1 mm
operating temperature range:	-40 to +210 ° F
maximum rpm:	15000 RPM
dynamic load capacity:	27 kN
series:	62
d_1	46.94 mm
D_2	62.7 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	42 mm
d_a max.	46.8 mm
D_a max.	65 mm
r_a max.	1 mm
Basic dynamic load rating C	27 kN
Basic static load rating C_0	15.3 kN
Fatigue load limit P_u	0.655 kN
Calculation factor k_r	0.025
Calculation factor f_0	13.8
Mass bearing	0.26 kg