



Bearing No. 6207-2RZTN9/HC5C3WT

d	35 mm
B	17 mm
D	72 mm
Bore	1.378 Inch   35 Millimeter
Noun	Bearing
Width	0.669 Inch   17 Millimeter
UNSPSC	31171504
Preload	None
series:	62
Category	Precision Ball Bearings
Enclosure	2 Seals
Size (mm)	72x35x17
Inventory	0.0
Width (mm)	17
bore type:	Round
Weight / LBS	0.589
Flush Ground	No
Mass bearing	0.26 kg
maximum rpm:	15000 RPM
Cage Material	Polyamide
closure type:	Double Sealed
Product Group	B04270
D <sub>2</sub>	62.7 mm
Inch - Metric	Metric
d <sub>1</sub>	46.94 mm
Contact Angle	0 Degree
Raceway Style	Not Applicable
Keyword String	Deep Groove Ball

bore diameter:	35 mm
overall width:	17 mm
cage material:	Fiberglass Reinforced Nylon
fillet radius:	1 mm
Other Features	Single Row   Deep Groove   Corrosion Resistant Ball   Grease with Polyurea Thickener   C3 Clearance
Enclosure Type	Non Contact Seal
Bearing number	6207-2RZTN9/HC5C3WT
Limiting speed	15000 r/min
Rolling Element	Ball Bearing
Material - Ball	Ceramic
Precision Class	ABEC 3   ISO P6
finish/coating:	Uncoated
Reference speed	28000 r/min
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outside Diameter	2.835 Inch   72 Millimeter
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
outer ring width:	17 mm
Manufacturer Name	SKF
outside diameter:	72 mm
precision rating:	Not Rated
Weight / Kilogram	0.251

$r_a$ max.	1 mm
$D_a$ max.	65 mm
$d_a$ max.	46.8 mm
$d_a$ min.	42 mm
Bore Diameter (mm)	72
Number of Bearings	1 (Single)
Outer Diameter (mm)	35
internal clearance:	C3, C5
$r_a$ - max.	1 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ - min.	42 mm
$d_a$ - max.	46.8 mm
$D_a$ - max.	65 mm
Minimum Buy Quantity	N/A
static load capacity:	15.3 kN
$d_1$ ?	46.94 mm
$D_2$ ?	62.7 mm
dynamic load capacity:	27 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6207-2RZTN9/HC5C3W T
Basic dynamic load rating C	27 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	27 kN
Fatigue load limit $P_u$	0.655 kN
Calculation factor $f_0$	13.8
Calculation factor $k_r$	0.025
Fatigue load limit - $P_u$	0.655 kN
Calculation factor - $f_0$	13.8
Calculation factor - $k_r$	0.025

Basic static load rating $C_0$	15.3 kN
Basic static load rating - $C_0$	15.3 kN