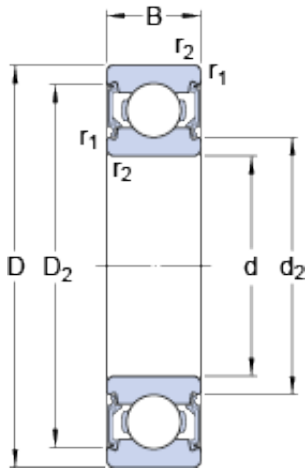




NTN Bearing Manufacturing



25 mm x 52 mm x 15 mm SKF
6205-2RSLTN9/HC5C3WT deep groove ball bearings

Bearing No. 6205-2RSLTN9/HC5C3WT

6205-2RSLTN9/HC5C3WT Bearing 2D drawings and 3D CAD models

Size	52x25x15 mm
Bore Diameter	52 mm
Outer Diameter	25 mm
Width	15 mm
d	25 mm
D	52 mm
B	15 mm
d ₂	31.8 mm
D ₂	46.3 mm
r _{1,2} - min.	1 mm
d _a - min.	30.6 mm
d _a - max.	31.5 mm
D _a - max.	46.4 mm
r _a - max.	1 mm
Basic dynamic load rating - C	14.8 kN
Basic static load rating - C ₀	7.8 kN
Fatigue load limit - P _u	0.335 kN
Reference speed	38000 r/min
Limiting speed	22000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	14
Category	Single Row Ball Bearings
Inventory	0.0



NTN Bearing Manufacturing

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.105
EAN	7316572024690
Product Group	B00308
Enclosure	2 Seals
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	Silicon Nitride Rolling Element Electrical Insulated
Cage Material	Polyamide
Enclosure Type	Contact Seal
Internal Clearance	C3-Loose
Inch - Metric	Metric
Long Description	25MM Bore; 52MM Outside Diameter; 15MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; Silicon Nitride Rolling Element Electrical Insulated Internal Special
Other Features	Deep Groove Low Friction NBR Seal Hybrid Silicon Nitride Rolling Element WT Standard Grease
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com



NTN Bearing Manufacturing

Manufacturer Item Number	6205-2RSLTN9/HC5C3W T
Weight / LBS	0.265
Outside Diameter	2.047 Inch 52 Millimeter
Bore	0.984 Inch 25 Millimeter
Outer Race Width	0.591 Inch 15 Millimeter
Inner Race Width	0 Inch 0 Millimeter
bore diameter:	25 mm
static load capacity:	7.8 kN
outside diameter:	52 mm
precision rating:	Not Rated
overall width:	15 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Fiberglass Reinforced Nylon
closure type:	Double Sealed
outer ring width:	15 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1 mm
internal clearance:	C3, C5
maximum rpm:	14000 RPM
operating temperature range:	-40 to +210 ° F
series:	62
dynamic load capacity:	14.8 kN
d_2	31.8 mm
D_2	46.3 mm
$r_{1,2}$ min.	1 mm
d_a min.	30.6 mm
d_a max.	31.5 mm
D_a max.	46.4 mm
r_a max.	1 mm
Basic dynamic load rating C	14.8 kN



NTN Bearing Manufacturing

Basic static load rating C_0	7.8 kN
Fatigue load limit P_u	0.335 kN
Calculation factor k_r	0.025
Calculation factor f_0	13.9
Mass bearing	0.13 kg