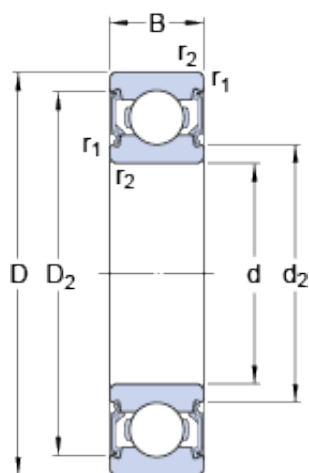




Bearing No. 6205-2RSLTN9/HC5C3WT

D	52 mm
d	25 mm
B	15 mm
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	52x25x15
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	15
bore type:	Round
maximum rpm:	14000 RPM
Weight / LBS	0.265
Mass bearing	0.13 kg
Product Group	B00308
Inch - Metric	Metric
closure type:	Double Sealed
Cage Material	Polyamide
d ₂	31.8 mm
D ₂	46.3 mm
Bearing number	6205-2RSLTN9/HC5C3 WT
Enclosure Type	Contact Seal
Other Features	Deep Groove Low Friction NBR Seal Hybrid Silicon Nitride Rolling Element WT Standard Grease

Keyword String	Ball
bore diameter:	25 mm
overall width:	15 mm
cage material:	Fiberglass Reinforced Nylon
fillet radius:	1 mm
Limiting speed	22000 r/min
Precision Class	ABEC 1 ISO P0
Reference speed	38000 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Outside Diameter	2.047 Inch 52 Millimeter
Manufacturer URL	http://www.skf.com
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.591 Inch 15 Millimeter
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
outer ring width:	15 mm
Manufacturer Name	SKF
Weight / Kilogram	0.105
outside diameter:	52 mm
precision rating:	Not Rated
r _a max.	1 mm
Internal Clearance	C3-Loose
D _a max.	46.4 mm
d _a max.	31.5 mm

d _a min.	30.6 mm
Bore Diameter (mm)	52
Outer Diameter (mm)	25
internal clearance:	C3, C5
r _{1,2} min.	1 mm
d _a - max.	31.5 mm
Minimum Buy Quantity	N/A
d _a - min.	30.6 mm
D _a - max.	46.4 mm
r _a - max.	1 mm
static load capacity:	7.8 kN
D ₂ ?	46.3 mm
d ₂ ?	31.8 mm
row type & fill slot:	Single Row Non-Fill Slot
r _{1,2} - min.	1 mm
dynamic load capacity:	14.8 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6205-2RSLTN9/HC5C3 WT
Internal Special Features	Silicon Nitride Rolling Element Electrical Insulated
Basic dynamic load rating C	14.8 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	14.8 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P _u	0.335 kN
Calculation factor f ₀	13.9
Calculation factor k _r	0.025
Calculation factor - k _r	0.025

Calculation factor - f_0	14
Fatigue load limit - P_u	0.335 kN
Basic static load rating C_0	7.8 kN
Basic static load rating - C_0	7.8 kN