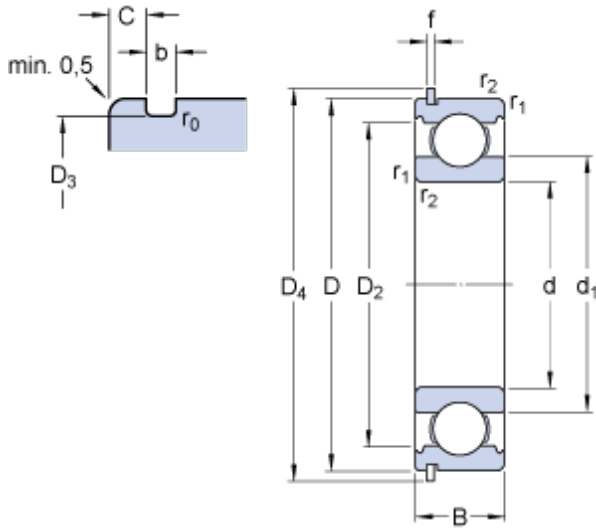




BROWNING BEARING COMPANY



25 mm x 52 mm x 15 mm skf 6205 nr bearing

Bearing No. 6205 nr

Size	52x25x15 mm
Bore Diameter	52 mm
Outer Diameter	25 mm
Width	15 mm
d	25 mm
D	52 mm
B	15 mm
d ₁	34.35 mm
D ₂	46.21 mm
D ₃	49.73 mm
D ₄	57.9 mm
b	1.35 mm
C	2.46 mm
f	1.12 mm
r ₀	0.4 mm
r _{1,2} - min.	1 mm
d _a - min.	30.6 mm
D _a - max.	46.4 mm
D _b - min.	59 mm
b _a - min.	1.5 mm
C _a - max.	3.58 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

6205 nr Bearing 2D drawings and 3D CAD models



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Reference speed	28000 r/min
Limiting speed	18000 r/min
Calculation factor - k_r	0.025
Calculation factor - f_0	14
Mass bearing	0.13 kg
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.137
EAN	7316577096616
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	25MM Bore; 52MM Outside Diameter; 15MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove With Snap Ring
Category	Single Row Ball Bearing
UNSPSC	31171504



BROWNING BEARING COMPANY

Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6205 NR
Weight / LBS	0.302
Bore	0.984 Inch 25 Millimeter
Outer Race Width	0.591 Inch 15 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	2.047 Inch 52 Millimeter
d_1	34.35 mm
D_2	46.21 mm
D_3	49.73 mm
D_4	57.9 mm
r_0 max.	0.4 mm
d_a min.	30.6 mm
D_a max.	46.4 mm
D_b min.	59 mm
b_a min.	1.5 mm
C_a max.	3.58 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
Calculation factor k_r	0.025
Calculation factor f_0	14
Snap ring	SP 52