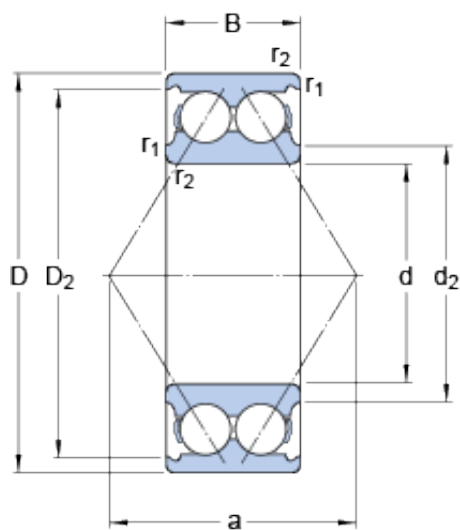




Bearing No. 3205 A

a	30 mm
d	25 mm
D	52 mm
B	20.6 mm
Noun	Bearing
Bore	0.984 Inch 25 Millimeter
Width	0.811 Inch 20.6 Millimeter
UNSPSC	31171531
series:	32
Category	Angular Contact Ball Bearing
Enclosure	Open
Snap Ring	No
Size (mm)	52x25x20.6
Inventory	0.0
Width (mm)	20,6
Weight / LBS	0.395
maximum rpm:	12000 RPM
Flush Ground	No
Mass bearing	0.18 kg
Contact Angle	25 Degree
Cage Material	Steel
closure type:	Open
Product Group	B00152
Inch - Metric	Metric
d ₂	32.7 mm
D ₂	45.9 mm
Bearing number	3205 A
Keyword String	Angular Contact

fillet radius:	1 mm
contact angle:	30 °
overall width:	0.8125 in
cage material:	Metal
bore diameter:	25 mm
Limiting speed	12000 r/min
Precision Class	ABEC 3 ISO P6
finish/coating:	Uncoated
Reference speed	12000 r/min
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	2.047 Inch 52 Millimeter
Long Description	25MM Bore; 52MM Outside Diameter; 20.6MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	0.188
outside diameter:	52 mm
outer ring width:	20.6 mm
Number of Bearings	1 (Single)
D _a max.	46 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	52
d _a min.	31 mm
r _a max.	1 mm
internal clearance:	C0
Outer Diameter (mm)	25

d_a - min.	31 mm
Calculation factor e	0.8
r_a - max.	1 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1 mm
Calculation factor X	0.63
D_a - max.	46 mm
D_2 ?	45.9 mm
row type & fill slot:	Double-Row Non-Fill Slot
d_2 ?	32.7 mm
Calculation factor - e	0.8
$r_{1,2}$ - min.	1 mm
Calculation factor - X	0.63
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Double Row
Manufacturer Item Number	5205 A
Basic dynamic load rating C	21.6 kN
radial static load capacity:	14.3 kN
radial dynamic load capacity:	21.6 kN
Basic dynamic load rating - C	21.6 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_2	1.24
Calculation factor Y_1	0.78
Calculation factor Y_0	0.66
Fatigue load limit P_u	0.6 kN
Calculation factor k_r	0.06
Calculation factor - k_r	0.06

Calculation factor - Y_1	0.78
Calculation factor - Y_0	0.66
Calculation factor - Y_2	1.24
Fatigue load limit - P_u	0.6 kN
Basic static load rating C_0	14.3 kN
Basic static load rating - C_0	14.3 kN