



Bearing No. 3215 A

a	77 mm
d	75 mm
D	130 mm
B	41.3 mm
Noun	Bearing
Bore	2.953 Inch 75 Millimeter
Width	1.626 Inch 41.3 Millimeter
UNSPSC	31171531
series:	32
Category	Angular Contact Ball Bearing
Enclosure	Open
Snap Ring	No
Size (mm)	130x75x41.3
Inventory	0.0
Width (mm)	41,3
Weight / LBS	4.13
maximum rpm:	4500 RPM
Flush Ground	No
Mass bearing	2.1 kg
Contact Angle	30 Degree
Cage Material	Steel
closure type:	Open
Product Group	B00152
Inch - Metric	Metric
d ₁	92.04 mm
D ₁	111.49 mm
Bearing number	3215 A
Keyword String	Angular Contact

fillet radius:	1.5 mm
contact angle:	30 °
overall width:	1.6250 in
cage material:	Metal
bore diameter:	75 mm
Limiting speed	4500 r/min
Precision Class	ABEC 3 ISO P6
finish/coating:	Uncoated
Reference speed	4300 r/min
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	5.118 Inch 130 Millimeter
Long Description	75MM Bore; 130MM Outside Diameter; 41.3MM 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	2.022
outside diameter:	130 mm
outer ring width:	41.3 mm
Number of Bearings	1 (Single)
D _a max.	121 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	130
d _a min.	84 mm
r _a max.	1.5 mm
internal clearance:	C0
Outer Diameter (mm)	75

d_a - min.	84 mm
Calculation factor e	0.8
r_a - max.	1.5 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1.5 mm
Calculation factor X	0.63
D_a - max.	121 mm
D_1 ?	111.49 mm
row type & fill slot:	Double-Row Non-Fill Slot
d_1 ?	92.04 mm
Calculation factor - e	0.8
$r_{1,2}$ - min.	1.5 mm
Calculation factor - X	0.63
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Double Row
Manufacturer Item Number	5215 A
Basic dynamic load rating C	95.6 kN
radial static load capacity:	88 kN
radial dynamic load capacity:	95.6 kN
Basic dynamic load rating - C	95.6 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	3.75 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	3.8 kN
Basic static load rating C_0	88 kN
Basic static load rating - C_0	88 kN