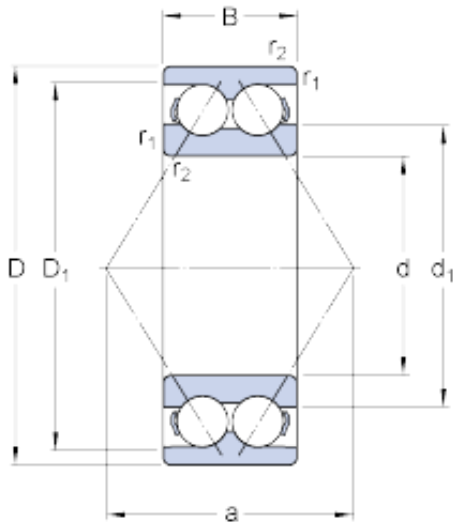




BEARING DRIVESHAFT, INC.



3222 A Bearing 2D drawings and 3D CAD models

110 mm x 200 mm x 69.8 mm SKF 3222 A
angular contact ball bearings

Bearing No. 3222 A

Size	200x110x69.8 mm
Bore Diameter	200 mm
Outer Diameter	110 mm
Width	69,8 mm
d	110 mm
D	200 mm
B	69.8 mm
d ₁	139.25 mm
D ₁	173.7 mm
r _{1,2} - min.	2.1 mm
a	119 mm
d _a - min.	122 mm
D _a - max.	188 mm
r _a - max.	2 mm
Basic dynamic load rating - C	212 kN
Basic static load rating - C ₀	212 kN
Fatigue load limit - P _u	7.2 kN
Reference speed	2800 r/min
Limiting speed	2800 r/min
Calculation factor - k _r	0.06
Calculation factor - e	0.8
Calculation factor - X	0.63
Calculation factor - Y ₀	0.66
Calculation factor - Y ₁	0.78



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Calculation factor - Y_2	1.24
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	8.137
EAN	7316571140179
Product Group	B00152
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 3 ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
Contact Angle	27.5 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	110MM Bore; 200MM Outside Diameter; 69.8MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact



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Manufacturer URL	http://www.skf.com
Manufacturer Item Number	5222 A
Weight / LBS	17.62
Bore	4.331 Inch 110 Millimeter
Outside Diameter	7.874 Inch 200 Millimeter
Width	2.748 Inch 69.8 Millimeter
bore diameter:	110 mm
radial static load capacity:	212 kN
outside diameter:	200 mm
cage material:	Metal
overall width:	2.7500 in
outer ring width:	69.8 mm
contact angle:	30 °
maximum rpm:	2800 RPM
row type & fill slot:	Double-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	2 mm
radial dynamic load capacity:	212 kN
series:	32
d_1	139.25 mm
D_1	173.7 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	122 mm
D_a max.	188 mm
r_a max.	2 mm
Basic dynamic load rating C	212 kN
Basic static load rating C_0	212 kN
Fatigue load limit P_u	7.2 kN



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Calculation factor k_r	0.06
Calculation factor e	0.8
Calculation factor X	0.63
Calculation factor Y_0	0.66
Calculation factor Y_1	0.78
Calculation factor Y_2	1.24
Mass bearing	8.8 kg