



SNR BEARING CORP.OF AMERICA



90 mm x 160 mm x 30 mm skf 7218 BECCM
Single row angular contact ball bearings

Bearing No. 7218 BECCM

7218 BECCM Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	2.42
EAN	7316577150066
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3 ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	CC
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	90MM Bore; 160MM Outside Diameter; 30MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap



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	Ring
Other Features	Axial Internal Clearance Greater Than Normal
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	7218 BECCM
Weight / LBS	5.32
d	3.543 Inch 90 Millimeter
D	6.299 Inch 160 Millimeter
B	1.181 Inch 30 Millimeter
bore diameter:	90 mm
radial static load capacity:	96.5 kN
outside diameter:	160 mm
outer ring width:	30 mm
overall width:	30 mm
maximum rpm:	4800 RPM
contact angle:	40 °
finish/coating:	Uncoated
row type & fill slot:	Single-Row Non-Fill Slot
precision rating:	Not Rated
internal clearance:	C0
fillet radius:	2 mm
closure type:	Open
series:	72
radial dynamic load capacity:	108 kN
d	90 mm
D	160 mm



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B	30 mm
d ₁	117.1 mm
d ₂	103.06 mm
D ₁	134.8 mm
a	67 mm
r _{1,2} min.	2 mm
r _{3,4} min.	1 mm
d _a min.	101 mm
D _a max.	149 mm
D _b max.	154 mm
r _a max.	2 mm
r _b max.	1 mm
Basic dynamic load rating C	116 kN
Basic static load rating C ₀	104 kN
Fatigue load limit P _u	4 kN
Reference speed	5000 r/min
Limiting speed	5000 r/min
Calculation factor A	0.149
Calculation factor k _r	0.095
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y ₀	0.26
Calculation factor Y ₂	0.57
Calculation factor X	0.57
Calculation factor Y ₀	0.52
Calculation factor Y ₁	0.55
Calculation factor Y ₂	0.93
Mass bearing	2.3 kg