



NTN-SNR BEARING RULMENTI S.R.L.



7411 BGBM Bearing 2D drawings and 3D CAD models

55 mm x 140 mm x 33 mm skf 7411 BGBM
Single row angular contact ball bearings

Bearing No. 7411 BGBM

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	2.66
EAN	7316576651373
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	C0-Medium
Number of Bearings	1 (Single)
Preload	Medium
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	55MM Bore; 140MM Outside Diameter; 33MM Width; Open; Yes Flush Ground; Ball Bearing; Single



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	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
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	7411 BGBM
Weight / LBS	5.864
B	1.299 Inch 33 Millimeter
d	2.165 Inch 55 Millimeter
D	5.512 Inch 140 Millimeter
bore diameter:	55 mm
radial static load capacity:	76.5 kN
outside diameter:	140 mm
cage material:	Brass
overall width:	33 mm
outer ring width:	33 mm
contact angle:	40 °
maximum rpm:	6300 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	ABEC 3 (ISO Class 6)
closure type:	Open
fillet radius:	2 mm
radial dynamic load capacity:	111 kN
series:	74
d	55 mm



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D	140 mm
B	33 mm
d ₁	88.5 mm
d ₂	72.01 mm
D ₁	108.4 mm
a	57.8 mm
r _{1,2} min.	2.1 mm
r _{3,4} min.	2.1 mm
d _a min.	67 mm
D _a max.	128 mm
D _b max.	126.7 mm
r _a max.	2 mm
r _b max.	2 mm
Basic dynamic load rating C	111 kN
Basic static load rating C ₀	76.5 kN
Fatigue load limit P _u	3.25 kN
Reference speed	6300 r/min
Limiting speed	6300 r/min
Calculation factor A	0.112
Calculation factor k _r	0.1
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	2.75 kg