



HMSA BEARING MANUFACTURING LIMITED



7330 BCBM Bearing 2D drawings and 3D CAD models

150 mm x 320 mm x 65 mm skf 7330 BCBM
Single row angular contact ball bearings

Bearing No. 7330 BCBM

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	24.1
EAN	7316576651137
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	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	150MM Bore; 320MM Outside Diameter; 65MM 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	Normal Axial Internal Clearance
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	7330 BCBM
Weight / LBS	55.131
B	2.559 Inch 65 Millimeter
d	5.906 Inch 150 Millimeter
D	12.598 Inch 320 Millimeter
bore diameter:	150 mm
radial static load capacity:	390 kN
outside diameter:	320 mm
cage material:	Brass
overall width:	65 mm
outer ring width:	65 mm
contact angle:	40 °
maximum rpm:	2400 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:	3 mm
radial dynamic load capacity:	332 kN
series:	73
d	150 mm



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D	320 mm
B	65 mm
d ₁	216.1 mm
d ₂	183.85 mm
D ₁	258.65 mm
a	131 mm
r _{1,2} min.	4 mm
r _{3,4} min.	1.5 mm
d _a min.	167 mm
D _a max.	303 mm
D _b max.	311 mm
r _a max.	3 mm
r _b max.	1.5 mm
Basic dynamic load rating C	332 kN
Basic static load rating C ₀	390 kN
Fatigue load limit P _u	10.8 kN
Reference speed	2400 r/min
Limiting speed	2800 r/min
Calculation factor A	2.74
Calculation factor k _r	0.09
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	26 kg