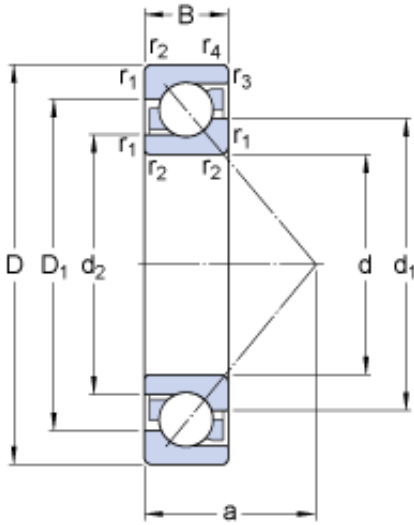




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7313 BECCM Bearing 2D drawings and 3D CAD models

65 mm x 140 mm x 33 mm SKF 7313 BECCM angular contact ball bearings

Bearing No. 7313 BECCM

Size	140x65x33 mm
Bore Diameter	140 mm
Outer Diameter	65 mm
Width	33 mm
d	65 mm
D	140 mm
B	33 mm
d ₁	94.15 mm
d ₂	78.45 mm
D ₁	112.85 mm
a	60 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	1.1 mm
d _a - min.	77 mm
D _a - max.	128 mm
D _b - max.	133 mm
r _a - max.	2 mm
r _b - max.	1 mm
Basic dynamic load rating - C	116 kN
Basic static load rating - C ₀	86.5 kN
Fatigue load limit - P _u	3.6 kN
Reference speed	6300 r/min
Limiting speed	6300 r/min
Calculation factor - k _r	0.1



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Calculation factor - k_a	1.6
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - Y_0	0.52
Calculation factor - Y_1	0.55
Calculation factor - Y_2	0.93
Calculation factor - X	0.35
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.31
EAN	7316577150752
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



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Long Description	65MM Bore; 140MM Outside Diameter; 33MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap 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	7313 BECCM
Weight / LBS	5.093
Outside Diameter	5.512 Inch 140 Millimeter
Width	1.299 Inch 33 Millimeter
Bore	2.559 Inch 65 Millimeter
bore diameter:	65 mm
radial static load capacity:	86.5 kN
outside diameter:	140 mm
outer ring width:	33 mm
overall width:	33 mm
maximum rpm:	6300 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:	73



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radial dynamic load capacity:	116 kN
d_1	94.15 mm
d_2	78.45 mm
D_1	112.85 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	77 mm
D_a max.	128 mm
D_b max.	133 mm
r_a max.	2 mm
r_b max.	1 mm
Basic dynamic load rating C	116 kN
Basic static load rating C_0	86.5 kN
Fatigue load limit P_u	3.65 kN
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	2.15 kg