



Bearing No. 7313 BECBJ

D	140 mm
d	65 mm
B	33 mm
a	60 mm
Bore	2.559 Inch 65 Millimeter
Noun	Bearing
Width	1.299 Inch 33 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Snap Ring	No
Enclosure	Open
Size (mm)	140x65x33
Width (mm)	33
Flush Ground	Yes
Mass bearing	2.15 kg
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
D ₁	112.85 mm
d ₂	78.45 mm
d ₁	94.15 mm
Product Group	B00308
Other Features	Normal Axial Internal Clearance
Keyword String	Angular Contact
Bearing number	7313 BECBJ
Limiting speed	5600 r/min

Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	5600 r/min
Outside Diameter	5.512 Inch 140 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	65MM Bore; 140MM Outside Diameter; 33MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; CB; Steel Cage; 40 Degree; 1 (Single); Univers
Manufacturer Name	SKF
Weight / Kilogram	2.242
r _b max.	1 mm
r _a max.	2 mm
Internal Clearance	CB
D _b max.	133 mm
Bore Diameter (mm)	140
D _a max.	128 mm
d _a min.	77 mm
Number of Bearings	1 (Single)
Outer Diameter (mm)	65
r _b - max.	1 mm
r _a - max.	2 mm
r _{1,2} min.	2.1 mm
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
D _b - max.	133 mm
Calculation factor A	0.112
D _a - max.	128 mm

d_a - min.	77 mm
Calculation factor e	1.14
Calculation factor X	0.57
$r_{3,4}$ min.	1.1 mm
D_1 ?	112.85 mm
d_2 ?	78.45 mm
d_1 ?	94.15 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	1.1 mm
Calculation factor - X	0.35
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	2.1 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7313 BECBJ
Basic dynamic load rating C	116 kN
Basic dynamic load rating - C	108 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	3.65 kN
Calculation factor k_r	0.1
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit - P_u	3.4 kN
Calculation factor - k_r	0.1
Calculation factor - k_a	1.6
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26

Basic static load rating C_0	86.5 kN
Basic static load rating - C_0	80 kN