



**Bearing No. 7313 BEGBP**

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
Preload	Medium
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	140x65x33
Snap Ring	No
Width (mm)	33
Flush Ground	Yes
Mass bearing	2.15 kg
Weight / LBS	4.63
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Polymer
D <sub>1</sub>	112.85 mm
d <sub>2</sub>	78.45 mm
d <sub>1</sub>	94.15 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7313 BEGBP

Limiting speed	6300 r/min
Precision Class	ABEC 3   ISO P6
Rolling Element	Ball Bearing
Reference speed	6300 r/min
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
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
Outside Diameter	5.512 Inch   140 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	2.1
Number of Bearings	1 (Single)
r <sub>a</sub> max.	2 mm
r <sub>b</sub> max.	1 mm
Bore Diameter (mm)	140
D <sub>b</sub> max.	133 mm
D <sub>a</sub> max.	128 mm
d <sub>a</sub> min.	77 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	65
Calculation factor e	1.14
Calculation factor X	0.57
d <sub>a</sub> - min.	77 mm
D <sub>a</sub> - max.	128 mm
Minimum Buy Quantity	N/A
D <sub>b</sub> - max.	133 mm
Mounting Arrangement	Universal
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	1 mm

$r_{1,2}$ min.	2.1 mm
Calculation factor A	0.112
$r_{3,4}$ min.	1.1 mm
$D_1$ ?	112.85 mm
$d_2$ ?	78.45 mm
$d_1$ ?	94.15 mm
Calculation factor - X	0.35
$r_{1,2}$ - min.	2.1 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	1.1 mm
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7313 BEGBP
Basic dynamic load rating C	116 kN
Basic dynamic load rating - C	116 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 - $P_u$	3.6 kN
Calculation factor - $k_r$	0.1
Calculation factor - $k_a$	1.6
Calculation factor - $Y_0$	0.26
Calculation factor - $Y_2$	0.57
Calculation factor - $Y_1$	
Basic static load rating	86.5 kN

C<sup>0</sup>

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Basic static load rating - $C_0$	86.5 kN
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