



Bearing No. 7216 BECBJ

D	140 mm
d	80 mm
B	26 mm
a	59 mm
Bore	3.15 Inch 80 Millimeter
Noun	Bearing
Width	1.024 Inch 26 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Snap Ring	No
Enclosure	Open
Size (mm)	140x80x26
Width (mm)	26
Flush Ground	Yes
Mass bearing	1.45 kg
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
D ₁	117.85 mm
d ₂	91.44 mm
d ₁	103.55 mm
Product Group	B00308
Other Features	Normal Axial Internal Clearance
Keyword String	Angular Contact
Bearing number	7216 BECBJ
Limiting speed	5300 r/min

Precision Class	ABEC 1 ISO P0
Reference speed	5300 r/min
Rolling Element	Ball Bearing
Outside Diameter	5.512 Inch 140 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	80MM Bore; 140MM Outside Diameter; 26MM 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	1.545
d_a min.	91 mm
D_a max.	130 mm
Number of Bearings	1 (Single)
D_b max.	134 mm
Internal Clearance	CB
r_a max.	2 mm
r_b max.	1 mm
Bore Diameter (mm)	140
Outer Diameter (mm)	80
r_b - max.	1 mm
r_a - max.	2 mm
$r_{1,2}$ min.	2 mm
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
D_b - max.	134 mm
Calculation factor A	0.0801
D_a - max.	130 mm

d_a - min.	91 mm
Calculation factor e	1.14
Calculation factor X	0.57
$r_{3,4}$ min.	1 mm
D_1 ?	117.85 mm
d_2 ?	91.44 mm
d_1 ?	103.55 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	1 mm
Calculation factor - X	0.35
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	2 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7216 BECBJ
Basic dynamic load rating C	85 kN
Basic dynamic load rating - C	83.2 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	3.05 kN
Calculation factor k_r	0.095
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit - P_u	3 kN
Calculation factor - k_r	0.095
Calculation factor - k_a	1.4
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26

Basic static load rating C_0	75 kN
Basic static load rating - C_0	73.5 kN