



Bearing No. 7216 BEGAP

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
Preload	Light
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	140x80x26
Snap Ring	No
Width (mm)	26
Flush Ground	Yes
Mass bearing	1.45 kg
Contact Angle	40 Degree
Cage Material	Polyamide
Inch - Metric	Metric
D ₁	117.85 mm
d ₂	91.44 mm
d ₁	103.55 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7216 BEGAP
Limiting speed	5300 r/min
Reference speed	5300 r/min

Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
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; C0-Medium; Polyamide Cage; 40 Degree; 1 (Singl
Manufacturer Name	SKF
Weight / Kilogram	0
Internal Clearance	C0-Medium
d_a min.	91 mm
D_a max.	130 mm
Bore Diameter (mm)	140
D_b max.	134 mm
r_a max.	2 mm
r_b max.	1 mm
Number of Bearings	1 (Single)
Outer Diameter (mm)	80
Mounting Arrangement	Universal
$r_{1,2}$ min.	2 mm
d_a - min.	91 mm
D_a - max.	130 mm
$r_{3,4}$ min.	1 mm
D_b - max.	134 mm
r_a - max.	2 mm
r_b - max.	1 mm
Minimum Buy Quantity	N/A

Calculation factor A	0.0801
Calculation factor e	1.14
Calculation factor X	0.57
d_1 ?	103.55 mm
D_1 ?	117.85 mm
d_2 ?	91.44 mm
Calculation factor - e	1.14
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	2 mm
$r_{3,4}$ - min.	1 mm
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
Basic dynamic load rating C	80.6 kN
Basic dynamic load rating - C	80.6 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.8 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	2.8 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	69.5 kN
Basic static load rating - C_0	69.5 kN

