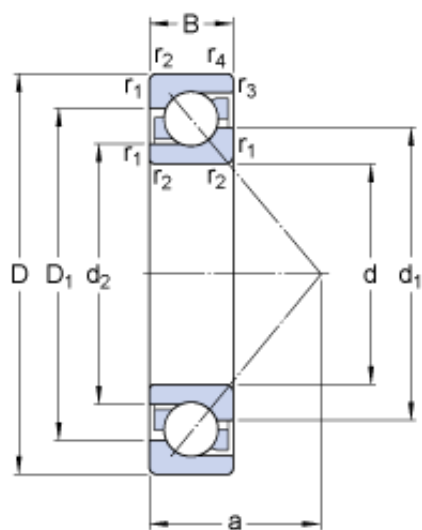




Bearing No. 7312 BECAP

D	130 mm
d	60 mm
B	31 mm
a	55 mm
Bore	2.362 Inch 60 Millimeter
Noun	Bearing
Width	1.22 Inch 31 Millimeter
UNSPSC	31171531
Preload	Light
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	130x60x31
Snap Ring	No
Width (mm)	31
Flush Ground	Yes
Mass bearing	1.75 kg
Weight / LBS	3.776
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Polymer
D ₁	104.8 mm
d ₂	72.6 mm
d ₁	87.25 mm
Product Group	B00308
Other Features	Axial Internal Clearance Smaller Than Normal
Keyword String	Angular Contact

Bearing number	7312 BECAP
Limiting speed	6700 r/min
Rolling Element	Ball Bearing
Reference speed	6700 r/min
Precision Class	ABEC 3 ISO P6
Outside Diameter	5.118 Inch 130 Millimeter
Long Description	60MM Bore; 130MM Outside Diameter; 31MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
Weight / Kilogram	1.71
D _b max.	123 mm
Number of Bearings	1 (Single)
Internal Clearance	CA
r _b max.	1 mm
r _a max.	2 mm
D _a max.	118 mm
d _a min.	72 mm
Bore Diameter (mm)	130
Outer Diameter (mm)	60
d _a - min.	72 mm
r _{1,2} min.	2.1 mm
r _{3,4} min.	1.1 mm
D _a - max.	118 mm
D _b - max.	123 mm
Mounting Arrangement	Universal
r _a - max.	2 mm
Calculation factor A	0.0846

Calculation factor X	0.57
Minimum Buy Quantity	N/A
r_b - max.	1 mm
Calculation factor e	1.14
d_2 ?	72.6 mm
d_1 ?	87.25 mm
D_1 ?	104.8 mm
$r_{1,2}$ - min.	2.1 mm
Calculation factor - e	1.14
Calculation factor - X	0.35
Harmonized Tariff Code	8482.10.50.28
$r_{3,4}$ - min.	1.1 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7312 BECAP
Basic dynamic load rating C	104 kN
Basic dynamic load rating - C	104 kN
Maximum Capacity / Filling Slot	No
Calculation factor k_r	0.1
Fatigue load limit P_u	3.2 kN
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Calculation factor - Y_1	
Fatigue load limit - P_u	3.2 kN
Calculation factor - k_r	0.1
Calculation factor - k_a	1.6
Calculation factor - Y_2	0.57
Calculation factor - Y_0	0.26

Basic static load rating C_0	76.5 kN
Basic static load rating - C_0	76.5 kN