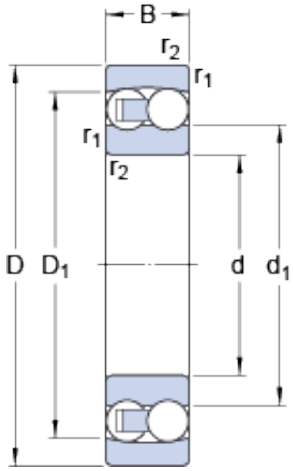

Bearing No. 2316

D	170 mm
d	80 mm
B	58 mm
Noun	Bearing
Bore	3.15 Inch | 80 Millimeter
UNSPSC	31171532
series:	231
Category	Self Aligning Ball Bearings
Inventory	0.0
Enclosure	Open
Size (mm)	170x80x58
bore type:	Straight
Width (mm)	58
Weight / LBS	12.853
maximum rpm:	5300 RPM
Mass bearing	6.1 kg
Cage Material	Steel
closure type:	Open
Product Group	B00152
Inch - Metric	Metric
d_1	104.4 mm
D_1	145.1 mm
Bearing number	2316
Limiting speed	5300 r/min
overall width:	58 mm
bore diameter:	80 mm
Other Features	Allowable Misalignment 3 Deg
Keyword String	Self Aligning

Precision Class	ABEC 1 | ISO P0
finish/coating:	Uncoated
Reference speed	7000 r/min
Mounting Method	Shaft
Rolling Element	Ball Bearing
Outside Diameter	6.693 Inch | 170 Millimeter
Manufacturer URL	http://www.skf.com
Inner Race Width	2.283 Inch | 58 Millimeter
Long Description	80MM Bore; Shaft Mount; 170MM Outside Diameter; 58MM Inner Race Width; 58MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 | ISO P0; C0-Medium
Outer Race Width	2.283 Inch | 58 Millimeter
Weight / Kilogram	5.835
precision rating:	Not Rated
Manufacturer Name	SKF
outside diameter:	170 mm
d_a min.	92 mm
Internal Clearance	C0-Medium
r_a max.	2 mm
Bore Diameter (mm)	170
D_a max.	158 mm
Outer Diameter (mm)	80
internal clearance:	C0
d_a - min.	92 mm
Minimum Buy Quantity	N/A
Calculation factor e	0.37
	158 mm

D^a - max.	

$r_{1,2}$ min.	2.1 mm
r_a - max.	2 mm
static load capacity:	49 kN
D_1 ?	145.1 mm
d_1 ?	104.4 mm
$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	135 kN
Harmonized Tariff Code	8482.10.50.68
Calculation factor - e	0.37
Number of Rows of Balls	Double Row
Manufacturer Item Number	2316
Basic dynamic load rating C	135 kN
Basic dynamic load rating - C	135 kN
Fatigue load limit P_u	2.24 kN
Calculation factor k_r	0.05
Calculation factor Y_0	1.8
Calculation factor Y_1	1.7
Calculation factor Y_2	2.6
Calculation factor - Y_1	1.7
Calculation factor - k_r	0.05
Calculation factor - Y_0	1.8
Fatigue load limit - P_u	2.2 kN
Calculation factor - Y_2	2.6
Permissible angular misalignment ?	3 °
Basic static load rating C_0	49 kN
Basic static load rating - C_0	49 kN