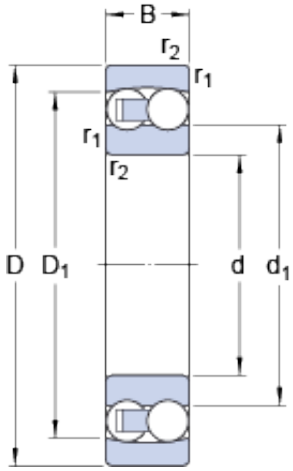
Loyal | 2313



Bearing No. 2313

D	140 mm
d	65 mm
B	48 mm
Bore	2.559 Inch | 65 Millimeter
Noun	Bearing
UNSPSC	31171532
series:	2300
Category	Self Aligning Ball Bearings
Size (mm)	140x65x48
Enclosure	Open
Inventory	0.0
bore type:	Straight
Width (mm)	48
maximum rpm:	6300 RPM
Weight / LBS	7.233
Mass bearing	3.25 kg
D_1	119.1 mm
Product Group	B00152
closure type:	Open
d_1	86 mm
Inch - Metric	Metric
Cage Material	Steel
fillet radius:	2 mm
overall width:	48 mm
bore diameter:	65 mm
Keyword String	Self Aligning
Other Features	Allowable Misalignment 3 Deg
Bearing number	2313

Limiting speed	6300 r/min
Mounting Method	Shaft
Rolling Element	Ball Bearing
Precision Class	ABEC 1 | ISO P0
finish/coating:	Uncoated
Reference speed	9000 r/min
Manufacturer URL	http://www.skf.com
Outside Diameter	5.512 Inch | 140 Millimeter
Long Description	65MM Bore; Shaft Mount; 140MM Outside Diameter; 48MM Inner Race Width; 48MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 | ISO P0; C0-Medium
Outer Race Width	1.89 Inch | 48 Millimeter
Inner Race Width	1.89 Inch | 48 Millimeter
Weight / Kilogram	3.284
outer ring width:	48 mm
outside diameter:	140 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Internal Clearance	C0-Medium
r_a max.	2 mm
D_a max.	128 mm
d_a min.	77 mm
Bore Diameter (mm)	140
Outer Diameter (mm)	65
internal clearance:	C0
$r_{1,2}$ min.	2.1 mm
d_a - min.	77 mm
Calculation factor e	0.37

r_a - max.	2 mm
D_a - max.	128 mm
Minimum Buy Quantity	N/A
static load capacity:	32.5 kN
d_1 ?	86 mm
D_1 ?	119.1 mm
$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	95.6 kN
Calculation factor - e	0.37
Harmonized Tariff Code	8482.10.50.68
Number of Rows of Balls	Double Row
Manufacturer Item Number	2313
Basic dynamic load rating C	95.6 kN
Basic dynamic load rating - C	95.6 kN
Calculation factor Y_0	1.8
Calculation factor Y_2	2.6
Calculation factor Y_1	1.7
Fatigue load limit P_u	1.66 kN
Calculation factor k_r	0.05
Calculation factor - Y_2	2.6
Calculation factor - k_r	0.05
Calculation factor - Y_0	1.8
Calculation factor - Y_1	1.7
Fatigue load limit - P_u	1.7 kN
Permissible angular misalignment ?	3 °
Basic static load rating C_0	32.5 kN
Basic static load rating - C_0	32.5 kN