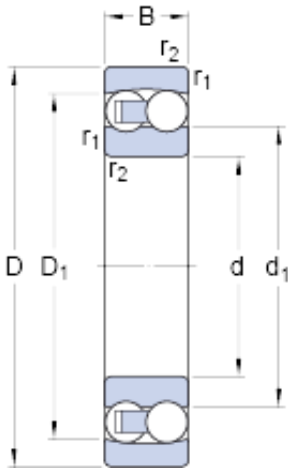




Australian Bearing Tool (SA) Pty Ltd



2313 Bearing 2D drawings and 3D CAD models

SKF 2313 K Double Row 140mm OD, 48mm Width Self-Aligning Bearing

Bearing No. 2313

Size	140x65x48 mm
Bore Diameter	140 mm
Outer Diameter	65 mm
Width	48 mm
d	65 mm
D	140 mm
B	48 mm
d ₁	86 mm
D ₁	119.1 mm
r _{1,2} - min.	2.1 mm
d _a - min.	77 mm
D _a - max.	128 mm
r _a - max.	2 mm
Basic dynamic load rating - C	95.6 kN
Basic static load rating - C ₀	32.5 kN
Fatigue load limit - P _u	1.7 kN
Reference speed	9000 r/min
Limiting speed	6300 r/min
Calculation factor - k _r	0.05
Calculation factor - e	0.37
Calculation factor - Y ₀	1.8
Calculation factor - Y ₁	1.7
Calculation factor - Y ₂	2.6



Australian Bearing Tool (SA) Pty Ltd

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.284
EAN	7316576605284
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Steel
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg
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
Inch - Metric	Metric
Category	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	2313
Weight / LBS	7.233
Inner Race Width	1.89 Inch 48 Millimeter
Bore	2.559 Inch 65 Millimeter



Australian Bearing Tool (SA) Pty Ltd

Outer Race Width	1.89 Inch 48 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
bore diameter:	65 mm
static load capacity:	32.5 kN
outside diameter:	140 mm
precision rating:	Not Rated
overall width:	48 mm
maximum rpm:	6300 RPM
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	48 mm
internal clearance:	C0
fillet radius:	2 mm
dynamic load capacity:	95.6 kN
series:	2300
d_1	86 mm
D_1	119.1 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	77 mm
D_a max.	128 mm
r_a max.	2 mm
Basic dynamic load rating C	95.6 kN
Basic static load rating C_0	32.5 kN
Fatigue load limit P_u	1.66 kN
Permissible angular misalignment	3 °
Calculation factor k_r	0.05
Calculation factor e	0.37
Calculation factor Y_0	1.8
Calculation factor Y_1	1.7
Calculation factor Y_2	2.6
Mass bearing	3.25 kg



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