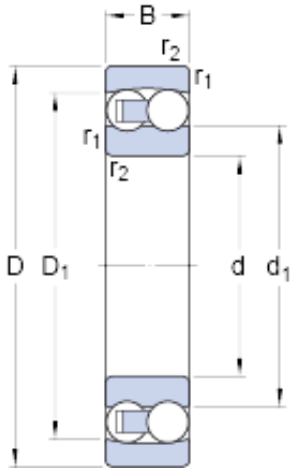
2218 SKF Self Aligning Ball Bearings



Bearing No. 2218

Size	160x90x40 mm
Bore Diameter	160 mm
Outer Diameter	90 mm
Width	40 mm
d	90 mm
D	160 mm
B	40 mm
d_1	112.6 mm
D_1	139.5 mm
$r_{1,2}$ - min.	2 mm
d_a - min.	101 mm
D_a - max.	149 mm
r_a - max.	2 mm
Basic dynamic load rating - C	70.2 kN
Basic static load rating - C_0	28.5 kN
Fatigue load limit - P_u	1.3 kN
Reference speed	7500 r/min
Limiting speed	5300 r/min
Calculation factor - k_r	0.04
Calculation factor - e	0.27
Calculation factor - Y_0	2.5
Calculation factor - Y_1	2.3
Calculation factor - Y_2	3.6
Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A

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2218 SKF Self Aligning Ball Bearings

Weight / Kilogram	3.284
EAN	7316577002020
Product Group - BDI	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	90MM Bore; Shaft Mount; 160MM Outside Diameter; 40MM Inner Race Width; 40MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 | ISO P0; C0-Medium
Inch - Metric	Metric
Category - BDI	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	2218
Weight / LBS	7.233
Inner Race Width	1.575 Inch | 40 Millimeter
Outer Race Width	1.575 Inch | 40 Millimeter

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Bore	3.543 Inch | 90 Millimeter
Outside Diameter	6.299 Inch | 160 Millimeter
bore diameter:	90 mm
static load capacity:	28.5 kN
outside diameter:	160 mm
precision rating:	Not Rated
overall width:	40 mm
maximum rpm:	5300 RPM
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	40 mm
internal clearance:	C0
fillet radius:	2 mm
dynamic load capacity:	70.2 kN
series:	2200
d_1 ?	112.6 mm
D_1 ?	139.5 mm
$r_{1,2}$ min.	2 mm
d_a min.	101 mm
D_a max.	149 mm
r_a max.	2 mm
Basic dynamic load rating C	70.2 kN
Basic static load rating C_0	28.5 kN
Fatigue load limit P_u	1.32 kN
Permissible angular misalignment ?	2.5 °
Calculation factor k_r	0.04
Calculation factor e	0.27
Calculation factor Y_0	2.5

Calculation factor Y_1	2.3
Calculation factor Y_2	3.6
Mass bearing	3.4 kg