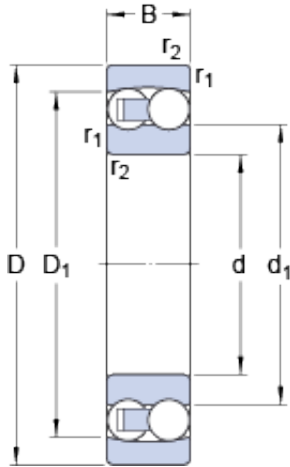




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85 mm x 150 mm x 36 mm SKF 2217 Self aligning ball bearing

Bearing No. 2217

2217 Bearing 2D drawings and 3D CAD models

Size	150x85x36 mm
Bore Diameter	150 mm
Outer Diameter	85 mm
Width	36 mm
d	85 mm
D	150 mm
B	36 mm
d ₁	106 mm
D ₁	130.7 mm
r _{1,2} - min.	2 mm
d _a - min.	96 mm
D _a - max.	139 mm
r _a - max.	2 mm
Basic dynamic load rating - C	58.5 kN
Basic static load rating - C ₀	23.6 kN
Fatigue load limit - P _u	1.1 kN
Reference speed	8000 r/min
Limiting speed	5600 r/min
Calculation factor - k _r	0.04
Calculation factor - e	0.25
Calculation factor - Y ₀	2.5
Calculation factor - Y ₁	2.5
Calculation factor - Y ₂	3.9



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Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.586
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	85MM Bore; Shaft Mount; 150MM Outside Diameter; 36MM Inner Race Width; 36MM 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	2217
Weight / LBS	5.697
Outside Diameter	5.906 Inch 150 Millimeter
Inner Race Width	1.417 Inch 36 Millimeter
Bore	3.346 Inch 85 Millimeter



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Outer Race Width	1.417 Inch 36 Millimeter
bore diameter:	85 mm
precision rating:	Not Rated
outside diameter:	150 mm
maximum rpm:	5600 RPM
overall width:	36 mm
cage material:	Steel
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	36 mm
internal clearance:	C0
fillet radius:	2 mm
dynamic load capacity:	58.5 kN
series:	2200
static load capacity:	23.6 kN
d_1	106 mm
D_1	130.7 mm
$r_{1,2}$ min.	2 mm
d_a min.	96 mm
D_a max.	139 mm
r_a max.	2 mm
Basic dynamic load rating C	58.5 kN
Basic static load rating C_0	23.6 kN
Fatigue load limit P_u	1.12 kN
Permissible angular misalignment	2.5 °
Calculation factor k_r	0.04
Calculation factor e	0.25
Calculation factor Y_0	2.5
Calculation factor Y_1	2.5
Calculation factor Y_2	3.9
Mass bearing	2.5 kg



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