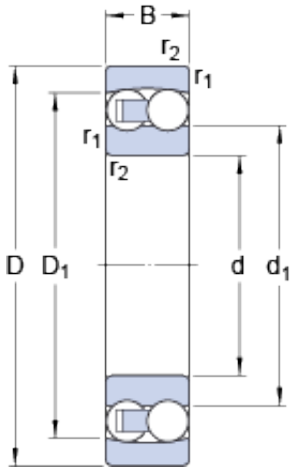
PCIF BEARING LIMITED



100 mm x 180 mm x 46 mm skf 2220 bearing

Bearing No. 2220

Size	180x100x46 mm
Bore Diameter	180 mm
Outer Diameter	100 mm
Width	46 mm
d	100 mm
D	180 mm
B	46 mm
d_1	124 mm
D_1	156.9 mm
$r_{1,2}$ - min.	2.1 mm
d_a - min.	112 mm
D_a - max.	168 mm
r_a - max.	2 mm
Basic dynamic load rating - C	97.5 kN
Basic static load rating - C_0	40.5 kN
Fatigue load limit - P_u	1.8 kN
Reference speed	6700 r/min
Limiting speed	4800 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

2220 Bearing 2D drawings and 3D CAD models

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	7316571482170
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 2.5 Deg
Long Description	100MM Bore; Shaft Mount; 180MM Outside Diameter; 46MM Inner Race Width; 46MM 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
Outer Race Width	1.811 Inch | 46 Millimeter
Bore	3.937 Inch | 100 Millimeter
Outside Diameter	7.087 Inch | 180 Millimeter
Inner Race Width	1.811 Inch | 46 Millimeter
$d_1 \approx$	124 mm

$D_1 \approx$	156.9 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	112 mm
D_a max.	168 mm
r_a max.	2 mm
Basic dynamic load rating C	97.5 kN
Basic static load rating C_0	40.5 kN
Fatigue load limit P_u	1.76 kN
Permissible angular misalignment α	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	5 kg