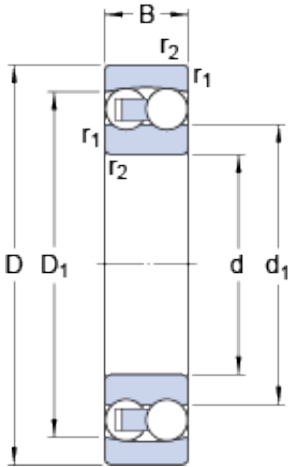




# PCIF BEARING LIMITED



## 85 mm x 150 mm x 36 mm skf 2217 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 <sub>1</sub>	106 mm
D <sub>1</sub>	130.7 mm
r <sub>1,2</sub> - min.	2 mm
d <sub>a</sub> - min.	96 mm
D <sub>a</sub> - max.	139 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	58.5 kN
Basic static load rating - C <sub>0</sub>	23.6 kN
Fatigue load limit - P <sub>u</sub>	1.1 kN
Reference speed	8000 r/min
Limiting speed	5600 r/min
Calculation factor - k <sub>r</sub>	0.04
Calculation factor - e	0.25
Calculation factor - Y <sub>0</sub>	2.5
Calculation factor - Y <sub>1</sub>	2.5
Calculation factor - Y <sub>2</sub>	3.9
Category	Self Aligning Ball Bearings



## PCIF BEARING LIMITED

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.586
EAN	7316576608643
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	<a href="http://www.skf.com">http://www.skf.com</a>
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



## PCIF BEARING LIMITED

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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