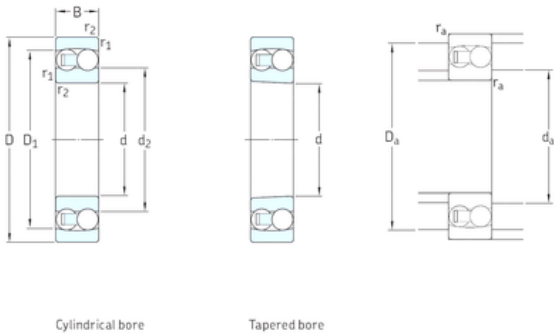




# Australian Bearing Tool (SA) Pty Ltd



Cylindrical bore

Tapered bore

## SKF 1217 K Double Row Self-Aligning Tapered 85mm Bore Bearing 150mm OD

Bearing No. 1217

1217 Bearing 2D drawings and 3D CAD models

Size	85x150x28 mm
Bore Diameter	85 mm
Outer Diameter	150 mm
Width	28 mm
d	85 mm
D	150 mm
B	28 mm
C	28 mm
d2	107 mm
r1 min.	2 mm
r2 min.	2 mm
D1	134 mm
da min.	96 mm
Da max.	139 mm
ra max.	2 mm
Weight	2,05 Kg
Basic dynamic load rating (C)	48,8 kN
Basic static load rating (C0)	20,8 kN
Fatigue load limit (Pu)	0,98
Reference speed	9000 r/min
Limiting speed	5600 r/min
Calculation factor (e)	0,17
Calculation factor (kr)	0,04
Calculation factor (Y0)	4
Calculation factor (Y1)	3,7



## Australian Bearing Tool (SA) Pty Ltd

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.101
EAN	7316576605062
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; 28MM Inner Race Width; 28MM 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	1217
Weight / LBS	4.628
Bore	3.346 Inch   85 Millimeter
Inner Race Width	1.102 Inch   28 Millimeter



## Australian Bearing Tool (SA) Pty Ltd

Outer Race Width	1.102 Inch   28 Millimeter
Outside Diameter	5.906 Inch   150 Millimeter
bore diameter:	85 mm
precision rating:	Not Rated
outside diameter:	150 mm
maximum rpm:	5600 RPM
overall width:	28 mm
cage material:	Steel
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	28 mm
internal clearance:	C0
fillet radius:	2 mm
dynamic load capacity:	48.8 kN
series:	1200
static load capacity:	20.8 kN
$d_1$	107 mm
$D_1$	131 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	48.8 kN
Basic static load rating $C_0$	20.8 kN
Fatigue load limit $P_u$	0.98 kN
Permissible angular misalignment	2.5 °
Calculation factor $k_r$	0.04
Calculation factor e	0.17
Calculation factor $Y_0$	4
Calculation factor $Y_1$	3.7
Calculation factor $Y_2$	5.7



## Australian Bearing Tool (SA) Pty Ltd

Mass bearing	2.05 kg
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