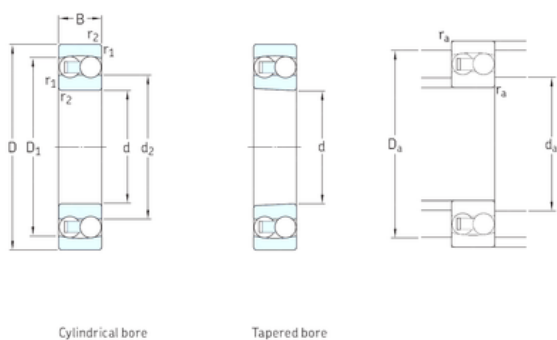




Bearing No. 1217

D	150 mm
d	85 mm
B	28 mm
C	28 mm
D1	134 mm
d2	107 mm
Noun	Bearing
Bore	3.346 Inch 85 Millimeter
Weight	2,05 Kg
UNSPSC	31171532
r1 min.	2 mm
r2 min.	2 mm
da min.	96 mm
Da max.	139 mm
ra max.	2 mm
series:	1200
Category	Self Aligning Ball Bearings
Size (mm)	85x150x28
Enclosure	Open
Inventory	0.0
Width (mm)	28
bore type:	Straight
maximum rpm:	5600 RPM
Weight / LBS	4.628
Mass bearing	2.05 kg
Cage Material	Steel
closure type:	Open
Product Group	B00152
Inch - Metric	Metric

Bearing number	1217
Keyword String	Self Aligning
bore diameter:	85 mm
Limiting speed	5600 r/min
Other Features	Allowable Misalignment 3 Deg
overall width:	28 mm
fillet radius:	2 mm
cage material:	Steel
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Mounting Method	Shaft
finish/coating:	Uncoated
Reference speed	9000 r/min
Inner Race Width	1.102 Inch 28 Millimeter
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
Manufacturer URL	http://www.skf.com
Outside Diameter	5.906 Inch 150 Millimeter
Outer Race Width	1.102 Inch 28 Millimeter
outside diameter:	150 mm
outer ring width:	28 mm
precision rating:	Not Rated
Weight / Kilogram	2.101
Manufacturer Name	SKF
Bore Diameter (mm)	85

r_a max.	2 mm
D_a max.	139 mm
d_a min.	96 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	150
internal clearance:	C0
Calculation factor e	0.17
$r_{1,2}$ min.	2 mm
Minimum Buy Quantity	N/A
static load capacity:	20.8 kN
d_1 ?	107 mm
D_1 ?	131 mm
Calculation factor (e)	0,17
dynamic load capacity:	48.8 kN
Harmonized Tariff Code	8482.10.50.68
Calculation factor (Y1)	3,7
Fatigue load limit (Pu)	0,98
Calculation factor (kr)	0,04
Number of Rows of Balls	Double Row
Calculation factor (Y0)	4
Manufacturer Item Number	1217
Basic dynamic load rating C	48.8 kN
Basic dynamic load rating (C)	48,8 kN
Basic static load rating (C0)	20,8 kN
Fatigue load limit P_u	0.98 kN
Calculation factor k_r	0.04
Calculation factor Y_0	4
Calculation factor Y_1	3.7
Calculation factor Y_2	5.7

Permissible angular misalignment ?	2.5 °
Basic static load rating C ₀	20.8 kN