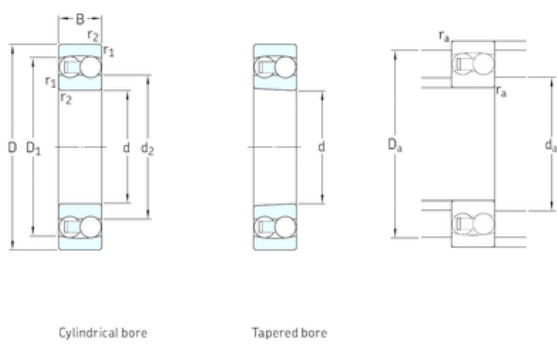




Bearing No. 1219

D	170 mm
d	95 mm
B	32 mm
C	32 mm
D1	151 mm
d2	120 mm
Noun	Bearing
Bore	3.74 Inch 95 Millimeter
Weight	3,1 Kg
UNSPSC	31171532
r1 min.	2,1 mm
r2 min.	2,1 mm
da min.	107 mm
Da max.	158 mm
ra max.	2 mm
series:	1200
Category	Self Aligning Ball Bearings
Size (mm)	95x170x32
Enclosure	Open
Inventory	0.0
Width (mm)	32
bore type:	Straight
maximum rpm:	5000 RPM
Weight / LBS	6.905
Mass bearing	3.1 kg
Cage Material	Steel
closure type:	Open
Product Group	B00152
Inch - Metric	Metric

Bearing number	1219
Keyword String	Self Aligning
bore diameter:	95 mm
Limiting speed	5000 r/min
Other Features	Allowable Misalignment 3 Deg
overall width:	32 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	8000 r/min
Outside Diameter	6.693 Inch 170 Millimeter
Long Description	95MM Bore; Shaft Mount; 170MM Outside Diameter; 32MM Inner Race Width; 32MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Manufacturer URL	http://www.skf.com
Inner Race Width	1.26 Inch 32 Millimeter
Outer Race Width	1.26 Inch 32 Millimeter
outside diameter:	170 mm
outer ring width:	32 mm
precision rating:	Not Rated
Weight / Kilogram	3.135
Manufacturer Name	SKF
Bore Diameter (mm)	95
r _a max.	2 mm

D _a max.	158 mm
d _a min.	107 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	170
internal clearance:	C0
Calculation factor e	0.17
r _{1,2} min.	2.1 mm
Minimum Buy Quantity	N/A
static load capacity:	27 kN
d ₁ ?	120.4 mm
D ₁ ?	148.1 mm
Calculation factor (e)	0,17
dynamic load capacity:	63.7 kN
Harmonized Tariff Code	8482.10.50.68
Calculation factor (Y1)	3,7
Fatigue load limit (Pu)	1,2
Calculation factor (kr)	0,04
Number of Rows of Balls	Double Row
Calculation factor (Y0)	4
Manufacturer Item Number	1219
Basic dynamic load rating C	63.7 kN
Basic dynamic load rating (C)	63,7 kN
Basic static load rating (C0)	27 kN
Fatigue load limit P _u	1.2 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	27 kN
-----------------------------------	-------