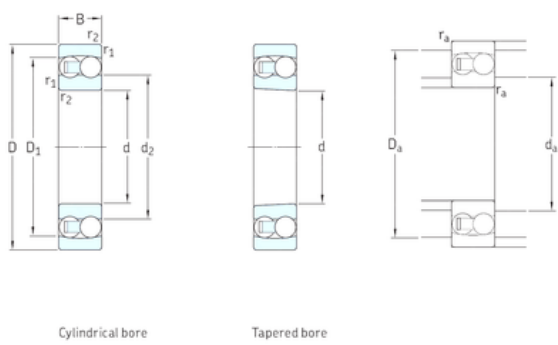




Bearing No. 1216

D	140 mm
d	80 mm
B	26 mm
C	26 mm
D1	125 mm
d2	101 mm
Noun	Bearing
Bore	3.15 Inch 80 Millimeter
Weight	1,65 Kg
UNSPSC	31171532
r1 min.	2 mm
r2 min.	2 mm
da min.	91 mm
Da max.	129 mm
ra max.	2 mm
series:	1200
Category	Self Aligning Ball Bearings
Size (mm)	80x140x26
Enclosure	Open
Inventory	0.0
Width (mm)	26
bore type:	Straight
maximum rpm:	6000 RPM
Weight / LBS	3.735
Mass bearing	1.65 kg
Cage Material	Steel
closure type:	Open
Product Group	B00152
Inch - Metric	Metric

Bearing number	1216
Keyword String	Self Aligning
bore diameter:	80 mm
Limiting speed	6000 r/min
Other Features	Allowable Misalignment 3 Deg
overall width:	26 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	9500 r/min
Outer Race Width	1.024 Inch 26 Millimeter
Long Description	80MM Bore; Shaft Mount; 140MM Outside Diameter; 26MM Inner Race Width; 26MM 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	1.024 Inch 26 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
outside diameter:	140 mm
outer ring width:	26 mm
precision rating:	Not Rated
Weight / Kilogram	1.696
Manufacturer Name	SKF
Bore Diameter (mm)	80

r_a max.	2 mm
D_a max.	129 mm
d_a min.	91 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	140
internal clearance:	C0
Calculation factor e	0.16
$r_{1,2}$ min.	2 mm
Minimum Buy Quantity	N/A
static load capacity:	17 kN
d_1 ?	102 mm
D_1 ?	122.6 mm
Calculation factor (e)	0,16
dynamic load capacity:	39.7 kN
Harmonized Tariff Code	8482.10.50.68
Calculation factor (Y1)	3,9
Fatigue load limit (Pu)	0,83
Calculation factor (kr)	0,04
Number of Rows of Balls	Double Row
Calculation factor (Y0)	4
Manufacturer Item Number	1216
Basic dynamic load rating C	39.7 kN
Basic dynamic load rating (C)	39,7 kN
Basic static load rating (C0)	17 kN
Fatigue load limit P_u	0.83 kN
Calculation factor k_r	0.04
Calculation factor Y_0	4
Calculation factor Y_1	3.9
Calculation factor Y_2	6.1

Permissible angular misalignment ?	2.5 °
Basic static load rating C ₀	17 kN