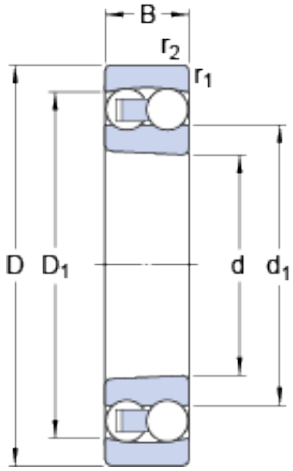
Loyal | 1216 K



Bearing No. 1216 K

D	140 mm
d	80 mm
B	26 mm
Bore	3.15 Inch | 80 Millimeter
Noun	Bearing
UNSPSC	31171532
series:	1200
Category	Self Aligning Ball Bearings
Size (mm)	140x80x26
Enclosure	Open
Inventory	0.0
bore type:	Tapered 1:12
Width (mm)	26
maximum rpm:	6000 RPM
Weight / LBS	3.527
Mass bearing	1.6 kg
closure type:	Open
d_1	102 mm
D_1	122.6 mm
Inch - Metric	Metric
Product Group	B00152
Cage Material	Steel
Bearing number	1216 K
Adapter Sleeve	H-216
fillet radius:	2 mm
overall width:	26 mm
bore diameter:	80 mm
Limiting speed	6000 r/min
Keyword String	Self Aligning

Other Features	Allowable Misalignment 3 Deg | 1:12 Taper
finish/coating:	Uncoated
Precision Class	ABEC 1 | ISO P0
Reference speed	9500 r/min
Rolling Element	Ball Bearing
Mounting Method	Tapered Adapter
Manufacturer URL	http://www.skf.com
Outside Diameter	5.512 Inch | 140 Millimeter
Inner Race Width	1.024 Inch | 26 Millimeter
Outer Race Width	1.024 Inch | 26 Millimeter
Long Description	80MM Bore; Tapered Adapter 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
Weight / Kilogram	1.6
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	140 mm
outer ring width:	26 mm
Bore Diameter (mm)	140
Internal Clearance	C0-Medium
D_a max.	129 mm
r_a max.	2 mm
Outer Diameter (mm)	80
internal clearance:	C0
$r_{1,2}$ min.	2 mm
Minimum Buy Quantity	N/A

D_a - max.	129 mm
Calculation factor e	0.16
r_a - max.	2 mm
D_1 ?	122.6 mm
d_1 ?	102 mm
static load capacity:	17 kN
dynamic load capacity:	39.7 kN
Calculation factor - e	0.16
$r_{1,2}$ - min.	2 mm
Harmonized Tariff Code	8482.10.50.68
Number of Rows of Balls	Double Row
Manufacturer Item Number	1216 K
Basic dynamic load rating C	39.7 kN
Basic dynamic load rating - C	39.7 kN
Fatigue load limit P_u	0.83 kN
Calculation factor Y_2	6.1
Calculation factor Y_1	3.9
Calculation factor Y_0	4
Calculation factor k_r	0.04
Calculation factor - Y_0	4
Calculation factor - k_r	0.04
Fatigue load limit - P_u	0.83 kN
Calculation factor - Y_2	6.1
Calculation factor - Y_1	3.9
Permissible angular misalignment ?	2.5 °
Basic static load rating C_0	17 kN
Basic static load rating - C_0	17 kN