



Bearing No. 1315 K

D	160 mm
d	75 mm
B	37 mm
Bore	2.953 Inch 75 Millimeter
Noun	Bearing
UNSPSC	31171532
series:	1300
Category	Self Aligning Ball Bearings
Size (mm)	160x75x37
Enclosure	Open
Inventory	0.0
bore type:	Tapered 1:12
Width (mm)	37
maximum rpm:	5600 RPM
Weight / LBS	7.868
Mass bearing	3.4 kg
closure type:	Open
d ₁	104.8 mm
D ₁	135.2 mm
Inch - Metric	Metric
Product Group	B00152
Cage Material	Steel
Bearing number	1315 K
Adapter Sleeve	H-315
fillet radius:	2 mm
overall width:	37 mm
bore diameter:	75 mm
Limiting speed	5600 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	8000 r/min
Rolling Element	Ball Bearing
Mounting Method	Tapered Adapter
Manufacturer URL	http://www.skf.com
Outer Race Width	1.457 Inch 37 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
Inner Race Width	1.457 Inch 37 Millimeter
Long Description	75MM Bore; Tapered Adapter Mount; 160MM Outside Diameter; 37MM Inner Race Width; 37MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Weight / Kilogram	3.572
outside diameter:	160 mm
precision rating:	Not Rated
Manufacturer Name	SKF
outer ring width:	37 mm
Bore Diameter (mm)	160
r _a max.	2 mm
D _a max.	148 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Outer Diameter (mm)	75
r _a - max.	2 mm

$r_{1,2}$ min.	2.1 mm
Minimum Buy Quantity	N/A
D_a - max.	148 mm
Calculation factor e	0.22
static load capacity:	30 kN
d_1 ?	104.8 mm
D_1 ?	135.2 mm
dynamic load capacity:	79.3 kN
Calculation factor - e	0.22
$r_{1,2}$ - min.	2.1 mm
Harmonized Tariff Code	8482.10.50.68
Number of Rows of Balls	Double Row
Manufacturer Item Number	1315 K
Basic dynamic load rating C	79.3 kN
Basic dynamic load rating - C	79.3 kN
Fatigue load limit P_u	1.43 kN
Calculation factor Y_2	4.5
Calculation factor Y_1	2.9
Calculation factor Y_0	2.8
Calculation factor k_r	0.045
Calculation factor - Y_0	2.8
Calculation factor - k_r	0.045
Fatigue load limit - P_u	1.4 kN
Calculation factor - Y_2	4.5
Calculation factor - Y_1	2.9
Permissible angular misalignment ?	3 °
Basic static load rating C_0	30 kN
Basic static load rating -	30 kN

C ₀	
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