



3315 A Bearing 2D drawings and 3D CAD models

75 mm x 160 mm x 68.3 mm SKF 3315 A  
Angular Contact Ball Bearings

Bearing No. 3315 A

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	5.447
EAN	7316570263084
Product Group	B00152
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 3   ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
Contact Angle	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	75MM Bore; 160MM Outside Diameter; 68.3MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap Ring



## Luoyang SDZ Machinery Equipment Co., ...

Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	5315 AH
Weight / LBS	12.308
d	2.953 Inch   75 Millimeter
D	6.299 Inch   160 Millimeter
B	2.689 Inch   68.3 Millimeter
bore diameter:	75 mm
radial static load capacity:	140 kN
outside diameter:	160 mm
cage material:	Metal
overall width:	2.6875 in
outer ring width:	68.3 mm
contact angle:	30 °
maximum rpm:	4000 RPM
row type & fill slot:	Double-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	2 mm
radial dynamic load capacity:	176 kN
series:	33
d	75 mm
D	160 mm
B	68.3 mm
d <sub>1</sub>	103.3 mm



## Luoyang SDZ Machinery Equipment Co., ...

$D_1$	135 mm
$r_{1,2}$ min.	2.1 mm
a	97 mm
$d_a$ min.	87 mm
$D_a$ max.	148 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	176 kN
Basic static load rating $C_0$	140 kN
Fatigue load limit $P_u$	5.5 kN
Reference speed	4500 r/min
Limiting speed	4000 r/min
Calculation factor $k_r$	0.07
Calculation factor e	0.8
Calculation factor X	0.63
Calculation factor $Y_0$	0.66
Calculation factor $Y_1$	0.78
Calculation factor $Y_2$	1.24
Mass bearing	5.55 kg