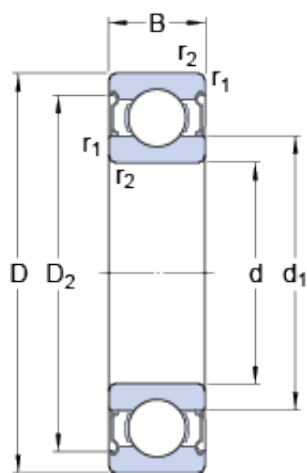




Bearing No. 6316-2Z

D	170 mm
d	80 mm
B	39 mm
Bore	3.15 Inch 80 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Size (mm)	170x80x39
Snap Ring	No
Enclosure	2 Metal Shields
Inventory	0.0
Width (mm)	39
bore type:	Round
maximum rpm:	4300 RPM
Weight / LBS	8.289
Mass bearing	3.74 kg
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Double Shielded
D ₂	146.9 mm
d ₁	108 mm
bore diameter:	80 mm
Other Features	Deep Groove
Bearing number	6316-2Z
overall width:	39 mm
cage material:	Steel
fillet radius:	2 mm
Limiting speed	4300 r/min

Keyword String	Ball
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Reference speed	8500 r/min
Rolling Element	Ball Bearing
Outer Race Width	1.535 Inch 39 Millimeter
Outside Diameter	6.693 Inch 170 Millimeter
Manufacturer URL	http://www.skf.com
Inner Race Width	0 Inch 0 Millimeter
Long Description	80MM Bore; 170MM Outside Diameter; 39MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Ste
outer ring width:	39 mm
Manufacturer Name	SKF
Weight / Kilogram	3.682
outside diameter:	170 mm
precision rating:	Not Rated
r _a max.	2 mm
Internal Clearance	C0-Medium
D _a max.	158 mm
d _a max.	107.9 mm
d _a min.	92 mm
Bore Diameter (mm)	170
Outer Diameter (mm)	80
internal clearance:	C0
r _{1,2} min.	2.1 mm
	107.9 mm

q^a - max.	
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Minimum Buy Quantity	N/A
d_a - min.	92 mm
D_a - max.	158 mm
r_a - max.	2 mm
static load capacity:	86.5 kN
d_1 ?	108 mm
D_2 ?	146.9 mm
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	130 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6316-2Z
Internal Special Features	No
Basic dynamic load rating C	130 kN
Basic dynamic load rating - C	130 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	3.25 kN
Calculation factor f_0	13.3
Calculation factor k_r	0.03
Calculation factor - k_r	0.03
Calculation factor - f_0	13.3
Fatigue load limit - P_u	3.2 kN
Basic static load rating C_0	86.5 kN
Basic static load rating - C_0	86.5 kN