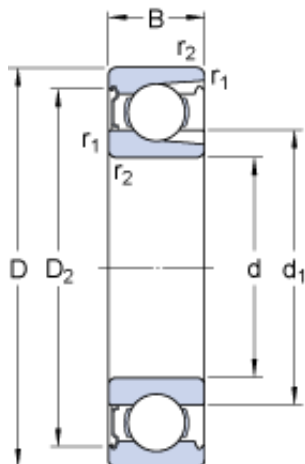




NUP BEARING LTD

70 mm x 150 mm x 35 mm skf 314-Z Deep groove ball bearings

Bearing No. 314-Z



314-Z Bearing 2D drawings and 3D CAD models

Size	150x70x35 mm
Bore Diameter	150 mm
Outer Diameter	70 mm
Width	35 mm
d	70 mm
D	150 mm
B	35 mm
d ₁	93.75 mm
D ₂	129.9 mm
r _{1,2} - min.	2.1 mm
d _a - min.	82 mm
d _a - max.	93.7 mm
D _a - max.	138 mm
r _a - max.	2 mm
Basic dynamic load rating - C	114 kN
Basic static load rating - C ₀	102 kN
Fatigue load limit - P _u	4.2 kN
Reference speed	8000 r/min
Limiting speed	5000 r/min
Calculation factor - k _r	0.05
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



NUP BEARING LTD

Weight / Kilogram	2.63
EAN	7316576609954
Product Group	B00308
Enclosure	1 Metal Shield
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	70MM Bore; 150MM Outside Diameter; 35MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; Yes Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	314 Z
Weight / LBS	6.17
Outside Diameter	5.906 Inch 150 Millimeter
Outer Race Width	1.378 Inch 35 Millimeter
Bore	2.756 Inch 70 Millimeter
bore diameter:	70 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	150 mm



NUP BEARING LTD

finish/coating:	Uncoated
overall width:	35 mm
cage material:	Steel
bore type:	Round
outer ring width:	35 mm
closure type:	Single Shield
fillet radius:	2 mm
row type & fill slot:	Single Row Filling Slot
maximum rpm:	5000 RPM
internal clearance:	C0
series:	31
dynamic load capacity:	114 kN
thrust application warning:	This product can not be used in Thrust Applications
static load capacity:	102 kN
d_1	93.75 mm
D_2	129.9 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	82 mm
d_a max.	93.7 mm
D_a max.	138 mm
r_a max.	2 mm
Basic dynamic load rating C	114 kN
Basic static load rating C_0	102 kN
Fatigue load limit P_u	4.15 kN
Calculation factor k_r	0.05
Mass bearing	2.75 kg