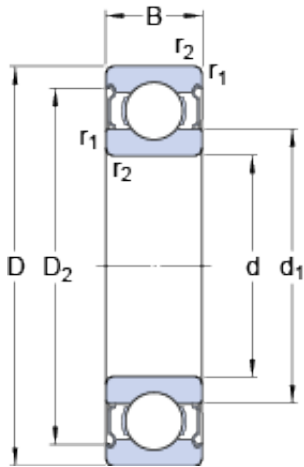




NACHI BEARINGS TRAINING INDUSTRY



55 mm x 120 mm x 29 mm SKF 6311-2Z deep groove ball bearings

Bearing No. 6311-2Z

6311-2Z Bearing 2D drawings and 3D CAD models

Size	120x55x29 mm
Bore Diameter	120 mm
Outer Diameter	55 mm
Width	29 mm
d	55 mm
D	120 mm
B	29 mm
d ₁	75.34 mm
D ₂	103.7 mm
r _{1,2} - min.	2 mm
d _a - min.	66 mm
d _a - max.	75.2 mm
D _a - max.	109 mm
r _a - max.	2 mm
Basic dynamic load rating - C	74.1 kN
Basic static load rating - C ₀	45 kN
Fatigue load limit - P _u	1.9 kN
Reference speed	12000 r/min
Limiting speed	6300 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.1
Category	Single Row Ball Bearings
Inventory	1.0
Manufacturer Name	SKF



NACHI BEARINGS TRAINING INDUSTRY

Minimum Buy Quantity	N/A
Weight / Kilogram	1.44
Product Group	B00308
Enclosure	2 Metal Shields
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	55MM Bore; 120MM Outside Diameter; 29MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No 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	6311-2Z
Weight / LBS	3.18
Bore	2.165 Inch 55 Millimeter
Outside Diameter	4.724 Inch 120 Millimeter
Outer Race Width	1.142 Inch 29 Millimeter
d ₁	75.34 mm
D ₂	103.7 mm
r _{1,2} min.	2 mm



NACHI BEARINGS TRAINING INDUSTRY

d_a min.	66 mm
d_a max.	75.2 mm
D_a max.	109 mm
r_a max.	2 mm
Basic dynamic load rating C	74.1 kN
Basic static load rating C_0	45 kN
Fatigue load limit P_u	1.9 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.1
Mass bearing	1.42 kg