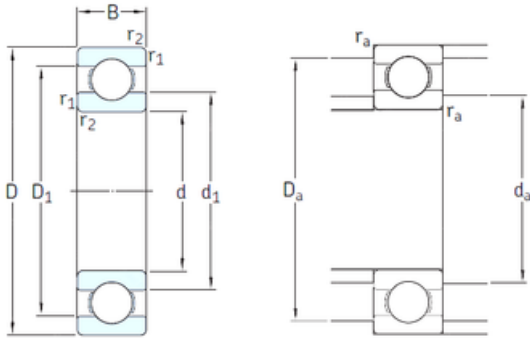




NTN BEARING CORP.OF America LTD.



6311-2RS1/HC5C3WT SKF Hybrid Deep Groove Ball Bearings

Bearing No. 6311-2RS1/HC5C3WT

6311-2RS1/HC5C3WT Bearing 2D drawings and 3D CAD models

Size	55x120x29 mm
Bore Diameter	55 mm
Outer Diameter	120 mm
Width	29 mm
d	55 mm
D	120 mm
B	29 mm
C	29 mm
d1	75,3 mm
r1 min.	2 mm
r2 min.	2 mm
D2	104 mm
da min.	66 mm
Da max.	109 mm
ra max.	2 mm
Weight	1,2 Kg
Basic dynamic load rating (C)	74,1 kN
Basic static load rating (C0)	45 kN
Fatigue load limit (Pu)	1,9
Reference speed	17000 r/min
Limiting speed	3800 r/min
Calculation factor (f0)	13
Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



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Minimum Buy Quantity	N/A
Weight / Kilogram	1.246
Product Group	B04270
Enclosure	2 Seals
Precision Class	ABEC 1 ISO P0
Material - Ball	Ceramic
Number of Bearings	1 (Single)
Contact Angle	0 Degree
Preload	None
Raceway Style	Not Applicable
Cage Material	Steel
Rolling Element	Ball Bearing
Enclosure Type	Contact Seal
Flush Ground	No
Inch - Metric	Metric
Other Features	Single Row Deep Groove Corrosion Resistant Ball Grease with Polyurea Thickener C3 Clearance
Long Description	55MM Bore; 120MM Outside Diameter; 29MM Width; 2 Seals Enclosure; ABEC 1 ISO P0 Precision; Ceramic Ball Material; 1 (Single) Bearings; 0 Degree Contact Angle; Steel Cage Material; Ball Bearing
Category	Precision Ball Bearings
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Deep Groove Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6311-2RS1/HC5C3WT
Weight / LBS	2.747



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Width	1.142 Inch 29 Millimeter
Outside Diameter	4.724 Inch 120 Millimeter
Bore	2.165 Inch 55 Millimeter
d_1	75.34 mm
D_2	104 mm
$r_{1,2}$ min.	2 mm
d_a min.	66 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_f	0.025
Calculation factor f_0	13.1
Mass bearing	1.41 kg