



Bearing No. 6311-2RS1/HC5C3WT

D	120 mm
d	55 mm
B	29 mm
C	29 mm
d1	75,3 mm
D2	104 mm
Noun	Bearing
Bore	2.165 Inch 55 Millimeter
Width	1.142 Inch 29 Millimeter
Weight	1,2 Kg
UNSPSC	31171504
r2 min.	2 mm
Preload	None
da min.	66 mm
Da max.	109 mm
ra max.	2 mm
r1 min.	2 mm
Category	Precision Ball Bearings
Enclosure	2 Seals
Inventory	0.0
Size (mm)	55x120x29
Width (mm)	29
Weight / LBS	2.747
Flush Ground	No
Mass bearing	1.41 kg
Inch - Metric	Metric
Cage Material	Steel
Product Group	B04270
Contact Angle	0 Degree

Raceway Style	Not Applicable
Other Features	Single Row Deep Groove Corrosion Resistant Ball Grease with Polyurea Thickener C3 Clearance
Keyword String	Deep Groove Ball
Enclosure Type	Contact Seal
Bearing number	6311-2RS1/HC5C3WT
Limiting speed	3800 r/min
Material - Ball	Ceramic
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	17000 r/min
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
Outside Diameter	4.724 Inch 120 Millimeter
Manufacturer URL	http://www.skf.com
Weight / Kilogram	1.246
Manufacturer Name	SKF
r _a max.	2 mm
D _a max.	109 mm
d _a min.	66 mm
Bore Diameter (mm)	55
Number of Bearings	1 (Single)
Outer Diameter (mm)	120
r _{1,2} min.	2 mm

Minimum Buy Quantity	N/A
d_1 ?	75.34 mm
D_2 ?	104 mm
Harmonized Tariff Code	8482.10.50.68
Fatigue load limit (P_u)	1,9
Calculation factor (f_0)	13
Manufacturer Item Number	6311-2RS1/HC5C3WT
Basic dynamic load rating C	74.1 kN
Basic static load rating (C_0)	45 kN
Basic dynamic load rating (C)	74,1 kN
Fatigue load limit P_u	1.9 kN
Calculation factor k_r	0.025
Calculation factor f_0	13.1
Basic static load rating C_0	45 kN