



**Bearing No. 6312-2RS1/HC5C3WT**

D	130 mm
d	60 mm
B	31 mm
Bore	2.362 Inch   60 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	130x60x31
Enclosure	2 Seals
Inventory	0.0
Width (mm)	31
Weight / LBS	1.5
Mass bearing	1.77 kg
Product Group	B00308
d <sub>1</sub>	81.86 mm
D <sub>2</sub>	112 mm
Inch - Metric	Metric
Cage Material	Steel
Bearing number	6312-2RS1/HC5C3WT
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Deep Groove   NBR Seal   Hybrid Silicon Nitride Rolling Element   WT Standard Grease
Limiting speed	3400 r/min
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Long Description	60MM Bore; 130MM

	Outside Diameter; 31MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; Silicon Nitride Rolling Element   Electrical Insulated Internal Special
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	1.22 Inch   31 Millimeter
Outside Diameter	5.118 Inch   130 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Name	SKF
Weight / Kilogram	0
Bore Diameter (mm)	130
Internal Clearance	C3-Loose
r <sub>a</sub> max.	2 mm
D <sub>a</sub> max.	118 mm
d <sub>a</sub> min.	72 mm
Outer Diameter (mm)	60
Minimum Buy Quantity	N/A
r <sub>1,2</sub> min.	2.1 mm
r <sub>a</sub> - max.	2 mm
D <sub>a</sub> - max.	118 mm
d <sub>a</sub> - min.	72 mm
d <sub>a</sub> - max.	81.8 mm
d <sub>1</sub> ?	81.86 mm
D <sub>2</sub> ?	112 mm
Harmonized Tariff Code	8482.10.50.68
Internal Special Features	Silicon Nitride Rolling Element   Electrical Insulated
Basic dynamic load rating C	81.9 kN

Basic dynamic load rating - C	85.2 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	2.2 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	13.1
Calculation factor - $k_r$	0.025
Calculation factor - $f_0$	13.1
Fatigue load limit - $P_u$	2.2 kN
Basic static load rating $C_0$	52 kN
Basic static load rating - $C_0$	52 kN