



**Bearing No. 6310-2RS1**

D	110 mm
d	50 mm
B	27 mm
Bore	1.969 Inch   50 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	2 Seals
Size (mm)	110x50x27
Snap Ring	No
Width (mm)	27
Mass bearing	1.12 kg
Weight / LBS	2.46
Inch - Metric	Metric
Cage Material	Steel
D <sub>2</sub>	95.2 mm
d <sub>1</sub>	68.76 mm
Product Group	B00308
Enclosure Type	Contact Seal
Keyword String	Ball
Bearing number	6310-2RS1
Limiting speed	4300 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Outside Diameter	4.331 Inch   110 Millimeter
Outer Race Width	1.063 Inch   27 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>

Long Description	50MM Bore; 110MM Outside Diameter; 27MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	1.12
Manufacturer Name	SKF
Internal Clearance	C0-Medium
Bore Diameter (mm)	110
d <sub>a</sub> min.	61 mm
d <sub>a</sub> max.	68.7 mm
D <sub>a</sub> max.	99 mm
r <sub>a</sub> max.	2 mm
Outer Diameter (mm)	50
r <sub>1,2</sub> min.	2 mm
D <sub>a</sub> - max.	99 mm
d <sub>a</sub> - max.	68.7 mm
d <sub>a</sub> - min.	61 mm
Minimum Buy Quantity	N/A
r <sub>a</sub> - max.	2 mm
D <sub>2</sub> ?	95.2 mm
d <sub>1</sub> ?	68.76 mm
r <sub>1,2</sub> - min.	2 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6310-2RS1
Internal Special Features	No
Basic dynamic load rating C	65 kN
Basic dynamic load rating - C	65 kN

Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	1.6 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13
Fatigue load limit - $P_u$	1.6 kN
Calculation factor - $k_r$	0.03
Calculation factor - $f_0$	13
Basic static load rating $C_0$	38 kN
Basic static load rating - $C_0$	38 kN