



Bearing No. 6310-RS1

D	110 mm
d	50 mm
B	27 mm
Noun	Bearing
Bore	1.969 Inch 50 Millimeter
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Size (mm)	110x50x27
Enclosure	1 Seal
Inventory	0.0
Snap Ring	No
Width (mm)	27
bore type:	Round
Weight / LBS	2.41
Mass bearing	1.09 kg
maximum rpm:	4300 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
D ₂	95.2 mm
closure type:	Single Seal
d ₁	68.76 mm
Keyword String	Ball
bore diameter:	50 mm
cage material:	Steel
fillet radius:	2 mm
Enclosure Type	Contact Seal
overall width:	27 mm

Bearing number	6310-RS1
Limiting speed	4300 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Outside Diameter	4.331 Inch 110 Millimeter
Outer Race Width	1.063 Inch 27 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	50MM Bore; 110MM Outside Diameter; 27MM Outer Race Diameter; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	110 mm
outer ring width:	27 mm
Weight / Kilogram	1.09
Internal Clearance	C0-Medium
D _a max.	99 mm
Bore Diameter (mm)	110
r _a max.	2 mm
d _a min.	61 mm
d _a max.	68.7 mm
Outer Diameter (mm)	50
internal clearance:	C0
d _a - max.	68.7 mm
d _a - min.	61 mm
r _{1,2} min.	2 mm
D _a - max.	99 mm

Minimum Buy Quantity	N/A
r_a - max.	2 mm
D_2 ?	95.2 mm
static load capacity:	38 kN
row type & fill slot:	Single Row Non-Fill Slot
d_1 ?	68.76 mm
dynamic load capacity:	65 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	2 mm
Manufacturer Item Number	6310-RS1
Internal Special Features	No
Basic dynamic load rating C	65 kN
operating temperature range:	-40 to +210 °F
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