



Bearing No. 62310-2RS1

D	110 mm
d	50 mm
B	40 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	110x50x40
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	40
bore type:	Round
maximum rpm:	4300 RPM
Weight / LBS	3.574
Mass bearing	1.61 kg
Inch - Metric	Metric
Product Group	B00308
closure type:	Double Sealed
d ₁	68.76 mm
Cage Material	Steel
D ₂	95.2 mm
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Cartridge Bearing
Bearing number	62310-2RS1
bore diameter:	50 mm
overall width:	40 mm

cage material:	Steel
fillet radius:	2 mm
Limiting speed	4300 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Outside Diameter	4.331 Inch 110 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	1.575 Inch 40 Millimeter
Long Description	50MM Bore; 110MM Outside Diameter; 40MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	1.624
Manufacturer Name	SKF
precision rating:	ABEC 3 (ISO Class 6)
outside diameter:	110 mm
outer ring width:	40 mm
Bore Diameter (mm)	110
Internal Clearance	C0-Medium
r _a max.	2 mm
d _a min.	61 mm
D _a max.	99 mm
d _a max.	68.7 mm
Outer Diameter (mm)	50
internal clearance:	C0
d _a - min.	61 mm
Minimum Buy Quantity	N/A
r _a - max.	2 mm

$r_{1,2}$ min.	2 mm
d_a - max.	68.7 mm
D_a - max.	99 mm
static load capacity:	38 kN
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	95.2 mm
d_1 ?	68.76 mm
dynamic load capacity:	61.8 kN
$r_{1,2}$ - min.	2 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	62310-2RS1
Internal Special Features	No
Basic dynamic load rating C	61.8 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	61.8 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
Calculation factor - k_r	0.03
Calculation factor - f_0	13
Fatigue load limit - P_u	1.6 kN
Basic static load rating C_0	38 kN
Basic static load rating - C_0	38 kN