



Bearing No. 62210-2RS1

D	90 mm
d	50 mm
B	23 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	90x50x23
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	23
bore type:	Round
maximum rpm:	4800 RPM
Weight / LBS	1.221
Mass bearing	0.54 kg
Inch - Metric	Metric
Product Group	B00308
closure type:	Double Sealed
d ₁	62.51 mm
Cage Material	Steel
D ₂	81.61 mm
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Cartridge Bearing
Bearing number	62210-2RS1
bore diameter:	50 mm
overall width:	23 mm

cage material:	Steel
fillet radius:	1 mm
Limiting speed	4800 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Outer Race Width	0.906 Inch 23 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	3.543 Inch 90 Millimeter
Long Description	50MM Bore; 90MM Outside Diameter; 23MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	0.554
Manufacturer Name	SKF
precision rating:	ABEC 3 (ISO Class 6)
outside diameter:	90 mm
outer ring width:	23 mm
Bore Diameter (mm)	90
Internal Clearance	C0-Medium
r _a max.	1 mm
d _a min.	57 mm
D _a max.	83 mm
d _a max.	62.4 mm
Outer Diameter (mm)	50
internal clearance:	C0
d _a - min.	57 mm
Minimum Buy Quantity	N/A
r _a - max.	1 mm

$r_{1,2}$ min.	1.1 mm
d_a - max.	62.4 mm
D_a - max.	83 mm
static load capacity:	23.2 kN
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	81.61 mm
d_1 ?	62.51 mm
dynamic load capacity:	35.1 kN
$r_{1,2}$ - min.	1.1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	62210-2RS1
Internal Special Features	No
Basic dynamic load rating C	35.1 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	35.1 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.98 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.4
Calculation factor - k_r	0.025
Calculation factor - f_0	14.4
Fatigue load limit - P_u	0.98 kN
Basic static load rating C_0	23.2 kN
Basic static load rating - C_0	23.2 kN