



Bearing No. 62311-2RS1

D	120 mm
d	55 mm
B	43 mm
Bore	2.165 Inch 55 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	120x55x43
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	43
bore type:	Round
maximum rpm:	3800 RPM
Weight / LBS	4.499
Mass bearing	2.04 kg
D ₂	103.7 mm
Cage Material	Steel
closure type:	Double Sealed
d ₁	75.34 mm
Product Group	B00308
Inch - Metric	Metric
fillet radius:	2 mm
cage material:	Steel
overall width:	43 mm
bore diameter:	55 mm
Limiting speed	3800 r/min
Keyword String	Ball

Other Features	Cartridge Bearing
Enclosure Type	Contact Seal
Bearing number	62311-2RS1
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outer Race Width	1.693 Inch 43 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	4.724 Inch 120 Millimeter
Long Description	55MM Bore; 120MM Outside Diameter; 43MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	SKF
outer ring width:	43 mm
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	2.043
outside diameter:	120 mm
D _a max.	109 mm
r _a max.	2 mm
d _a min.	66 mm
Bore Diameter (mm)	120
d _a max.	75.2 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Outer Diameter (mm)	55
Minimum Buy Quantity	N/A
r _a - max.	2 mm

d_a - min.	66 mm
D_a - max.	109 mm
d_a - max.	75.2 mm
$r_{1,2}$ min.	2 mm
d_1 ?	75.34 mm
D_2 ?	103.7 mm
static load capacity:	45 kN
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	2 mm
dynamic load capacity:	71.5 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	62311-2RS1
Internal Special Features	No
Basic dynamic load rating C	71.5 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	71.5 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.9 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.1
Calculation factor - k_r	0.03
Calculation factor - f_0	13.1
Fatigue load limit - P_u	1.9 kN
Basic static load rating C_0	45 kN
Basic static load rating - C_0	45 kN