



Bearing No. 62211-2RS1

D	100 mm
d	55 mm
B	25 mm
Bore	2.165 Inch 55 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	100x55x25
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	25
bore type:	Round
maximum rpm:	4300 RPM
Weight / LBS	1.66
Mass bearing	0.75 kg
D ₂	89.4 mm
Cage Material	Steel
closure type:	Double Sealed
d ₁	69.06 mm
Product Group	B00308
Inch - Metric	Metric
fillet radius:	1.5 mm
cage material:	Steel
overall width:	25 mm
bore diameter:	55 mm
Limiting speed	4300 r/min
Keyword String	Ball

Other Features	Cartridge Bearing
Enclosure Type	Contact Seal
Bearing number	62211-2RS1
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outer Race Width	0.984 Inch 25 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	3.937 Inch 100 Millimeter
Long Description	55MM Bore; 100MM Outside Diameter; 25MM 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:	25 mm
precision rating:	ABEC 3 (ISO Class 6)
Weight / Kilogram	0.75
outside diameter:	100 mm
D _a max.	91 mm
r _a max.	1.5 mm
d _a min.	64 mm
Bore Diameter (mm)	100
d _a max.	69 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Outer Diameter (mm)	55
Minimum Buy Quantity	N/A
r _a - max.	1.5 mm
d _a - min.	64 mm

D_a - max.	91 mm
d_a - max.	69 mm
$r_{1,2}$ min.	1.5 mm
d_1 ?	69.06 mm
D_2 ?	89.4 mm
static load capacity:	29 kN
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	1.5 mm
dynamic load capacity:	43.6 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	62211-2RS1
Internal Special Features	No
Basic dynamic load rating C	43.6 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	43.6 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.25 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.3
Calculation factor - k_r	0.025
Calculation factor - f_0	14.3
Fatigue load limit - P_u	1.2 kN
Basic static load rating C_0	29 kN
Basic static load rating - C_0	29 kN