



Bearing No. 6020-2RS1

D	150 mm
d	100 mm
B	24 mm
Noun	Bearing
Bore	3.937 Inch 100 Millimeter
UNSPSC	31171504
series:	60
Category	Single Row Ball Bearing
Size (mm)	150x100x24
Enclosure	2 Seals
Inventory	3.0
Snap Ring	No
Width (mm)	24
bore type:	Round
Weight / LBS	2.88
Mass bearing	1.3 kg
maximum rpm:	2600 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
D ₂	138.3 mm
closure type:	Double Sealed
d ₁	115.95 mm
Keyword String	Ball
bore diameter:	100 mm
cage material:	Steel
fillet radius:	1.5 mm
Enclosure Type	Contact Seal
overall width:	24 mm

Bearing number	6020-2RS1
Limiting speed	2600 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Outer Race Width	0.945 Inch 24 Millimeter
Outside Diameter	5.906 Inch 150 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	100MM Bore; 150MM Outside Diameter; 24MM Outer Race Diameter; 2 Seals; 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:	150 mm
outer ring width:	24 mm
Weight / Kilogram	1.31
Internal Clearance	C0-Medium
D _a max.	143 mm
Bore Diameter (mm)	150
r _a max.	1.5 mm
d _a min.	107 mm
d _a max.	115.9 mm
Outer Diameter (mm)	100
internal clearance:	C0
d _a - max.	115.9 mm
d _a - min.	107 mm
r _{1,2} min.	1.5 mm
D _a - max.	143 mm

Minimum Buy Quantity	N/A
r_a - max.	1.5 mm
D_2 ?	138.3 mm
static load capacity:	54 kN
row type & fill slot:	Single Row Non-Fill Slot
d_1 ?	115.95 mm
dynamic load capacity:	63.7 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	1.5 mm
Manufacturer Item Number	6020-2RS1
Internal Special Features	No
Basic dynamic load rating C	63.7 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	63.7 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.04 kN
Calculation factor k_r	0.025
Calculation factor f_0	15.9
Fatigue load limit - P_u	2 kN
Calculation factor - k_r	0.025
Calculation factor - f_0	15.9
Basic static load rating C_0	54 kN
Basic static load rating - C_0	54 kN