



Bearing No. 62304-2RS1

D	52 mm
d	20 mm
B	21 mm
Bore	0.787 Inch 20 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	52x20x21
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	21
bore type:	Round
maximum rpm:	9500 RPM
Weight / LBS	0.43
Mass bearing	0.21 kg
Product Group	B00308
Inch - Metric	Metric
closure type:	Double Sealed
d ₁	30.35 mm
Cage Material	Steel
D ₂	44.71 mm
Bearing number	62304-2RS1
Enclosure Type	Contact Seal
Limiting speed	9500 r/min
Keyword String	Ball
Other Features	Deep Groove NBR Seal

bore diameter:	20 mm
overall width:	21 mm
cage material:	Steel
fillet radius:	1 mm
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Inner Race Width	0 Inch 0 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	0.827 Inch 21 Millimeter
Outside Diameter	2.047 Inch 52 Millimeter
Long Description	20MM Bore; 52MM Outside Diameter; 21MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage;
outer ring width:	21 mm
Manufacturer Name	SKF
Weight / Kilogram	0.2
outside diameter:	52 mm
precision rating:	Not Rated
r _a max.	1 mm
Internal Clearance	C0-Medium
D _a max.	45 mm
d _a max.	30.3 mm
d _a min.	27 mm
Bore Diameter (mm)	52
Outer Diameter (mm)	20
internal clearance:	C0

$r_{1,2}$ min.	1.1 mm
d_a - max.	30.3 mm
D_a - max.	45 mm
d_a - min.	27 mm
Minimum Buy Quantity	N/A
r_a - max.	1 mm
D_2 ?	44.71 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	7.8 kN
d_1 ?	30.35 mm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	15.9 kN
$r_{1,2}$ - min.	1.1 mm
Internal Special Features	No
Basic dynamic load rating C	15.9 kN
Basic dynamic load rating - C	15.9 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.335 kN
Calculation factor k_r	0.03
Calculation factor f_0	12
Calculation factor - k_r	0.03
Calculation factor - f_0	12
Fatigue load limit - P_u	0.335 kN
Basic static load rating C_0	7.8 kN
Basic static load rating - C_0	7.8 kN