



Bearing No. 62308-2RS1

D	90 mm
d	40 mm
B	33 mm
C	33 mm
D2	1,5 mm
d1	56,1 mm
d2	- mm
D1	77,7 mm
Noun	Bearing
Bore	1.575 Inch 40 Millimeter
UNSPSC	31171504
Weight	0,92 Kg
Da max.	81 mm
ra max.	1,5 mm
r2 min.	49 mm
da min.	56 mm
r1 min.	49 mm
series:	62
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	40x90x33
Snap Ring	No
Enclosure	2 Seals
Width (mm)	33
bore type:	Round
Mass bearing	0.92 kg
Weight / LBS	2.026
maximum rpm:	5000 RPM
Product Group	B00308

Cage Material	Steel
Inch - Metric	Metric
closure type:	Double Sealed
Keyword String	Ball
bore diameter:	40 mm
overall width:	33 mm
cage material:	Steel
Other Features	Cartridge Bearing
fillet radius:	1.5 mm
Bearing number	62308-2RS1
Limiting speed	5000 r/min
Enclosure Type	Contact Seal
finish/coating:	Uncoated
Reference speed	– r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Outer Race Width	1.299 Inch 33 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
Long Description	40MM Bore; 90MM Outside Diameter; 33MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
Weight / Kilogram	0.92
Manufacturer Name	SKF
outer ring width:	33 mm
outside diameter:	90 mm
precision rating:	ABEC 3 (ISO Class 6)
d _a min.	49 mm

d_a max.	56 mm
D_a max.	81 mm
r_a max.	1.5 mm
Bore Diameter (mm)	40
Internal Clearance	C0-Medium
Outer Diameter (mm)	90
internal clearance:	C0
$r_{1,2}$ min.	1.5 mm
Minimum Buy Quantity	N/A
D_2 ?	77.7 mm
d_1 ?	56.11 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	24 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	41 kN
Fatigue load limit (Pu)	1,02
Calculation factor (f0)	13
Manufacturer Item Number	62308-2RS1
Internal Special Features	No
Basic dynamic load rating C	41 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating (C)	41 kN
Basic static load rating (C0)	24 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.02 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.2

Basic static load rating C_0	24 kN
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