



# USK BEARING COMPANY



40 mm x 90 mm x 33 mm skf 62308-2RS1 Deep groove ball bearings

Bearing No. 62308-2RS1

62308-2RS1 Bearing 2D drawings and 3D CAD models

Size	40x90x33 mm
Bore Diameter	40 mm
Outer Diameter	90 mm
Width	33 mm
d	40 mm
D	90 mm
B	33 mm
C	33 mm
d1	56,1 mm
d2	– mm
r1 min.	49 mm
r2 min.	49 mm
D1	77,7 mm
D2	1,5 mm
da min.	56 mm
Da max.	81 mm
ra max.	1,5 mm
Weight	0,92 Kg
Basic dynamic load rating (C)	41 kN
Basic static load rating (C0)	24 kN
Fatigue load limit (Pu)	1,02
Reference speed	– r/min
Limiting speed	5000 r/min
Calculation factor (f0)	13
Category	Single Row Ball Bearings



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Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.92
Product Group	B00308
Enclosure	2 Seals
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Enclosure Type	Contact Seal
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Other Features	Cartridge Bearing
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	62308-2RS1
Weight / LBS	2.026
Outside Diameter	3.543 Inch   90 Millimeter
Outer Race Width	1.299 Inch   33 Millimeter



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Bore	1.575 Inch   40 Millimeter
bore diameter:	40 mm
static load capacity:	24 kN
outside diameter:	90 mm
precision rating:	ABEC 3 (ISO Class 6)
overall width:	33 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Sealed
outer ring width:	33 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1.5 mm
internal clearance:	C0
maximum rpm:	5000 RPM
operating temperature range:	-40 to +210 ° F
series:	62
dynamic load capacity:	41 kN
$d_1$	56.11 mm
$D_2$	77.7 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ min.	49 mm
$d_a$ max.	56 mm
$D_a$ max.	81 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	41 kN
Basic static load rating $C_0$	24 kN
Fatigue load limit $P_u$	1.02 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.2
Mass bearing	0.92 kg