



# USK BEARING COMPANY



15 mm x 32 mm x 13 mm skf 63002-2RS1 Deep groove ball bearings

Bearing No. 63002-2RS1

63002-2RS1 Bearing 2D drawings and 3D CAD models

Size	15x32x13 mm
Bore Diameter	15 mm
Outer Diameter	32 mm
Width	13 mm
d	15 mm
D	32 mm
B	13 mm
C	13 mm
d1	20,5 mm
d2	– mm
r1 min.	17 mm
r2 min.	17 mm
D1	28,2 mm
D2	0,3 mm
da min.	20,4 mm
Da max.	30 mm
ra max.	0,3 mm
Weight	0,039 Kg
Basic dynamic load rating (C)	5,59 kN
Basic static load rating (C0)	2,85 kN
Fatigue load limit (Pu)	0,12
Reference speed	– r/min
Limiting speed	14000 r/min
Calculation factor (f0)	14
Category	Single Row Ball Bearings



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Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.045
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	15MM Bore; 32MM Outside Diameter; 13MM 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	63002-2RS1
Weight / LBS	0.1
Outside Diameter	1.26 Inch   32 Millimeter
Outer Race Width	0.512 Inch   13 Millimeter



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Bore	0.591 Inch   15 Millimeter
bore diameter:	15 mm
static load capacity:	2.85 kN
outside diameter:	32 mm
precision rating:	Not Rated
overall width:	13 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Sealed
outer ring width:	13 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
internal clearance:	C0
maximum rpm:	14000 RPM
operating temperature range:	-40 to +210 ° F
series:	63
dynamic load capacity:	5.59 kN
$d_1$	20.5 mm
$D_2$	28.2 mm
$r_{1,2}$ min.	0.3 mm
$d_a$ min.	17 mm
$d_a$ max.	20.4 mm
$D_a$ max.	30 mm
$r_a$ max.	0.3 mm
Basic dynamic load rating C	5.59 kN
Basic static load rating $C_0$	2.85 kN
Fatigue load limit $P_u$	0.12 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14
Mass bearing	0.039 kg