



NTN-SNR BEARING RULMENTI S.R.L.



12 mm x 28 mm x 12 mm skf 63001-2RS1 Deep groove ball bearings

Bearing No. 63001-2RS1

63001-2RS1 Bearing 2D drawings and 3D CAD models

Size	12x28x12 mm
Bore Diameter	12 mm
Outer Diameter	28 mm
Width	12 mm
d	12 mm
D	28 mm
B	12 mm
C	12 mm
d1	17 mm
d2	– mm
r1 min.	14 mm
r2 min.	14 mm
D1	24,8 mm
D2	0,3 mm
da min.	16,9 mm
Da max.	26 mm
ra max.	0,3 mm
Weight	0,029 Kg
Basic dynamic load rating (C)	5,07 kN
Basic static load rating (C0)	2,36 kN
Fatigue load limit (Pu)	0,1
Reference speed	– r/min
Limiting speed	17000 r/min
Calculation factor (f0)	13
Category	Single Row Ball Bearings



NTN-SNR BEARING RULMENTI S.R.L.

Inventory	10.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.035
EAN	7316570020953
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	12MM Bore; 28MM Outside Diameter; 12MM 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	http://www.skf.com
Manufacturer Item Number	63001-2RS1
Weight / LBS	0.076
Bore	0.472 Inch 12 Millimeter



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Outside Diameter	1.102 Inch 28 Millimeter
Outer Race Width	0.472 Inch 12 Millimeter
bore diameter:	12 mm
static load capacity:	2.36 kN
outside diameter:	28 mm
precision rating:	Not Rated
overall width:	12 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Sealed
outer ring width:	12 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
internal clearance:	C0
maximum rpm:	17000 RPM
operating temperature range:	-40 to +210 ° F
series:	63
dynamic load capacity:	5.07 kN
d_1	17 mm
D_2	24.72 mm
$r_{1,2}$ min.	0.3 mm
d_a min.	14 mm
d_a max.	16.9 mm
D_a max.	26 mm
r_a max.	0.3 mm
Basic dynamic load rating C	5.07 kN
Basic static load rating C_0	2.36 kN
Fatigue load limit P_u	0.1 kN
Calculation factor k_r	0.025
Calculation factor f_0	13
Mass bearing	0.029 kg



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