



NTN-SNR BEARING RULMENTI S.R.L.



RLS 4-2Z Bearing 2D drawings and 3D CAD models

12.7 mm x 33.338 mm x 9.525 mm skf RLS 4-2Z
Deep groove ball bearings

Bearing No. RLS 4-2Z

Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.044
EAN	7316577017581
Product Group	B00308
Enclosure	2 Metal Shields
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
Internal Clearance	C0-Medium
Inch - Metric	Inch
Long Description	1/2" Bore; 1-5/16" Outside Diameter; 3/8" Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing



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Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	RLS 4-2Z
Weight / LBS	0.096
D	1.313 Inch 33.35 Millimeter
d	0.5 Inch 12.7 Millimeter
Outer Race Width	0.375 Inch 9.525 Millimeter
bore diameter:	0.5000 in
static load capacity:	3.1 kN
outside diameter:	1.3125 in
precision rating:	Not Rated
overall width:	0.3750 in
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Shielded
outer ring width:	9.525 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.8 mm
internal clearance:	C0
maximum rpm:	32000 RPM
dynamic load capacity:	6.89 kN
series:	RLS
d	12.7 mm
D	33.338 mm
B	9.525 mm
d ₁	18.45 mm
D ₂	27.34 mm
r _{1,2} min.	0.8 mm
d _a min.	17 mm
d _a max.	18.2 mm



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D_a max.	29 mm
r_a max.	0.8 mm
Basic dynamic load rating C	7.28 kN
Basic static load rating C_0	3.1 kN
Fatigue load limit P_u	0.132 kN
Reference speed	45000 r/min
Limiting speed	26000 r/min
Calculation factor k_r	0.025
Calculation factor f_0	12
Mass bearing	0.041 kg