



Bearing No. RMS 9

Size	71.438x28.575x20.638 mm
Bore Diameter	71,438 mm
Outer Diameter	28,575 mm
Width	20,638 mm
d	28.575 mm
D	71.438 mm
B	20.638 mm
d ₁	44.9 mm
D ₁	59.05 mm
r _{1,2} - min.	2.4 mm
d _a - min.	35.6 mm
D _a - max.	56.4 mm
r _a - max.	1 mm
Basic dynamic load rating - C	28.1 kN
Basic static load rating - C ₀	16 kN
Fatigue load limit - P _u	0.67 kN
Reference speed	20000 r/min
Limiting speed	19000 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.1
Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.376
EAN	7316577017949

Product Group - BDI	B00308
Enclosure	Open
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	1-1/8" Bore; 2-13/16" Outside Diameter; 13/16" Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category - BDI	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	RMS 9
Weight / LBS	0.829
Outside Diameter	2.813 Inch 71.45 Millimeter
Bore	1.125 Inch 28.575 Millimeter
Outer Race Width	0.813 Inch 20.65 Millimeter
bore diameter:	1.1250 in

static load capacity:	16 kN
outside diameter:	2.8125 in
precision rating:	Not Rated
overall width:	0.8125 in
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	20.637 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
internal clearance:	C0
maximum rpm:	13000 RPM
dynamic load capacity:	28.1 kN
series:	RMS
d_1 ?	44.6 mm
D_1 ?	59.05 mm
$r_{1,2}$ min.	2.4 mm
d_a min.	35.6 mm
D_a max.	56.4 mm
r_a max.	1 mm
Basic dynamic load rating C	28.1 kN
Basic static load rating C_0	16 kN
Fatigue load limit P_u	0.67 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.1
Mass bearing	0.38 kg