



RMS 8 Bearing 2D drawings and 3D CAD models

SKF RMS 8 deep groove ball bearings

Bearing No. RMS 8

Size	63.5x25.4x19.05 mm
Bore Diameter	63,5 mm
Outer Diameter	25,4 mm
Width	19,05 mm
d	25.4 mm
D	63.5 mm
B	19.05 mm
d ₁	36.6 mm
D ₁	50.4 mm
r _{1,2} - min.	2.4 mm
d _a - min.	33 mm
D _a - max.	56 mm
r _a - max.	2 mm
Basic dynamic load rating - C	22.5 kN
Basic static load rating - C ₀	11.6 kN
Fatigue load limit - P _u	0.49 kN
Reference speed	22000 r/min
Limiting speed	16000 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	12
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.271



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EAN	7316577017932
Product Group	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" Bore; 2-1/2" Outside Diameter; 3/4" Outer Race Width; Open; 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
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	RMS 8
Weight / LBS	0.598
Bore	1 Inch 25.4 Millimeter
Outside Diameter	2.5 Inch 63.5 Millimeter
Outer Race Width	0.75 Inch 19.05 Millimeter
bore diameter:	1.0000 in
static load capacity:	11.6 kN
outside diameter:	2.5000 in
precision rating:	Not Rated
overall width:	0.7500 in



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finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	19.05 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
internal clearance:	C0
maximum rpm:	16000 RPM
dynamic load capacity:	22.5 kN
series:	RMS
d_1	36.6 mm
D_1	50.4 mm
$r_{1,2}$ min.	2.4 mm
d_a min.	33 mm
D_a max.	56 mm
r_a max.	2 mm
Basic dynamic load rating C	22.5 kN
Basic static load rating C_0	11.6 kN
Fatigue load limit P_u	0.49 kN
Calculation factor k_r	0.03
Calculation factor f_0	12
Mass bearing	0.27 kg