



BROWNING BEARING COMPANY



50.8 mm x 101.6 mm x 20.638 mm skf rls 16 bearing

Bearing No. rls 16

rls 16 Bearing 2D drawings and 3D CAD models

Size	101.6x50.8x20.638 mm
Bore Diameter	101,6 mm
Outer Diameter	50,8 mm
Width	20,638 mm
d	50.8 mm
D	101.6 mm
B	20.638 mm
d ₁	69.06 mm
D ₁	85.8 mm
r _{1,2} - min.	2.4 mm
d _a - min.	64 mm
D _a - max.	91 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	46.2 kN
Basic static load rating - C ₀	29 kN
Fatigue load limit - P _u	1.2 kN
Reference speed	14000 r/min
Limiting speed	9000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	14.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.728
EAN	7316577017819
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	2" Bore; 4" 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	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	RLS 16
Weight / LBS	1.603
Outer Race Width	0.813 Inch 20.65 Millimeter
Outside Diameter	4 Inch 101.6 Millimeter
Bore	2 Inch 50.8 Millimeter
bore diameter:	2.0000 in
static load capacity:	6519 lbf
outside diameter:	4.0000 in



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finish/coating:	Uncoated
overall width:	0.8125 in
bearing material:	Steel
bore type:	Round
cage material:	Pressed Steel
closure type:	Open
fillet radius:	0.0945 in
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	14000 rpm
snap ring included:	Without Snap Ring
series:	RLS
internal clearance:	C0
weight:	1.55 lbs
operating temperature range:	Max 250 ° F
manufacturer product page:	Click here
dynamic load capacity:	10386 lbf
manufacturer upc number:	7316577017819
d_1	69.06 mm
D_1	85.8 mm
$r_{1,2}$ min.	2.4 mm
d_a min.	64 mm
D_a max.	91 mm
r_a max.	1.5 mm
Basic dynamic load rating C	46.2 kN
Basic static load rating C_0	29 kN
Fatigue load limit P_u	1.25 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.3
Mass bearing	0.7 kg