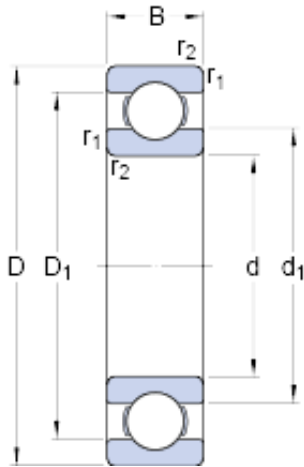




# BEARING USA CORP.



34.925 mm x 76.2 mm x 17.462 mm SKF RLS 11 deep groove ball bearings

Bearing No. RLS 11

RLS 11 Bearing 2D drawings and 3D CAD models

Size	76.2x34.925x17.462 mm
Bore Diameter	76,2 mm
Outer Diameter	34,925 mm
Width	17,462 mm
d	34.925 mm
D	76.2 mm
B	17.462 mm
d <sub>1</sub>	46.94 mm
D <sub>1</sub>	59.95 mm
r <sub>1,2</sub> - min.	1.6 mm
d <sub>a</sub> - min.	42 mm
D <sub>a</sub> - max.	65 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	25.5 kN
Basic static load rating - C <sub>0</sub>	15.3 kN
Fatigue load limit - P <sub>u</sub>	0.655 kN
Reference speed	20000 r/min
Limiting speed	13000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	13.8
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## BEARING USA CORP.

Weight / Kilogram	0.365
EAN	7316577017772
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	1-3/8" Bore; 3" Outside Diameter; 11/16" 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	RLS 11
Weight / LBS	0.803
Bore	1.375 Inch   34.925 Millimeter
Outside Diameter	3 Inch   76.2 Millimeter
Outer Race Width	0.688 Inch   17.475 Millimeter
bore diameter:	1.3750 in
static load capacity:	15.3 kN



## BEARING USA CORP.

outside diameter:	3.0000 in
precision rating:	Not Rated
overall width:	0.6875 in
finish/coating:	Uncoated
bore type:	Round
outer ring width:	17.462 mm
closure type:	Open
fillet radius:	1.5 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	13000 RPM
internal clearance:	C0
series:	RLS
dynamic load capacity:	27 kN
$d_1$	46.94 mm
$D_1$	59.95 mm
$r_{1,2}$ min.	1.6 mm
$d_a$ min.	42 mm
$D_a$ max.	65 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	25.5 kN
Basic static load rating $C_0$	15.3 kN
Fatigue load limit $P_u$	0.655 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	13.8
Mass bearing	0.37 kg