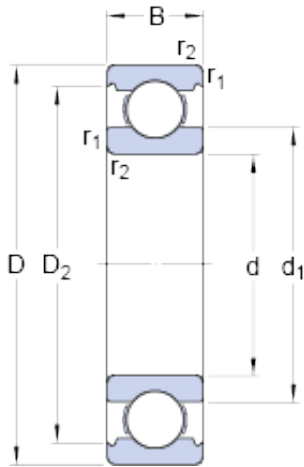




## Bearing Rolamentos do Brasil Ltda.



25.4 mm x 57.15 mm x 18.875 mm SKF RLS 8  
deep groove ball bearings

Bearing No. RLS 8

RLS 8 Bearing 2D drawings and 3D CAD models

Size	57.15x25.4x18.875 mm
Bore Diameter	57,15 mm
Outer Diameter	25,4 mm
Width	18,875 mm
d	25.4 mm
D	57.15 mm
B	18.875 mm
d <sub>1</sub>	35.58 mm
D <sub>2</sub>	49.33 mm
r <sub>1,2</sub> - min.	1.6 mm
d <sub>a</sub> - min.	33 mm
D <sub>a</sub> - max.	50 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	17.8 kN
Basic static load rating - C <sub>0</sub>	9.6 kN
Fatigue load limit - P <sub>u</sub>	0.405 kN
Reference speed	24000 r/min
Limiting speed	17000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	13
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## Bearing Rolamentos do Brasil Ltda.

Weight / Kilogram	0.179
EAN	7316577017680
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; 2-1/4" Outside Diameter; 5/8" 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 8
Weight / LBS	0.395
Bore	1 Inch   25.4 Millimeter
Outside Diameter	2.25 Inch   57.15 Millimeter
Outer Race Width	0.625 Inch   15.875 Millimeter
bore diameter:	1.0000 in
static load capacity:	9.65 kN
outside diameter:	2.2500 in



## Bearing Rolamentos do Brasil Ltda.

precision rating:	Not Rated
overall width:	0.6250 in
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	15.875 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1.5 mm
internal clearance:	C0
maximum rpm:	17000 RPM
dynamic load capacity:	17.8 kN
series:	RLS
$d_1$	35.58 mm
$D_2$	49.33 mm
$r_{1,2}$ min.	1.6 mm
$d_a$ min.	33 mm
$D_a$ max.	50 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	17.8 kN
Basic static load rating $C_0$	9.65 kN
Fatigue load limit $P_u$	0.405 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	13
Mass bearing	0.17 kg