



Bearing No. 6306-RS1

D	72 mm
d	30 mm
B	19 mm
Noun	Bearing
Bore	1.181 Inch 30 Millimeter
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Size (mm)	72x30x19
Snap Ring	No
Enclosure	1 Seal
Inventory	0.0
Width (mm)	19
bore type:	Round
Weight / LBS	0.785
Mass bearing	0.35 kg
maximum rpm:	6300 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
D ₂	61.88 mm
closure type:	Single Seal
d ₁	44.6 mm
Keyword String	Ball
overall width:	19 mm
cage material:	Steel
Other Features	Deep Groove NBR Seal
fillet radius:	1 mm

Enclosure Type	Contact Seal
bore diameter:	30 mm
Bearing number	6306-RS1
Limiting speed	6300 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.748 Inch 19 Millimeter
Outside Diameter	2.835 Inch 72 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	30MM Bore; 72MM Outside Diameter; 19MM Outer Race Width; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage; C
Manufacturer Name	SKF
precision rating:	Not Rated
Weight / Kilogram	0.356
outer ring width:	19 mm
outside diameter:	72 mm
D _a max.	65 mm
d _a max.	44.5 mm
d _a min.	37 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	72
r _a max.	1 mm
Outer Diameter (mm)	30

internal clearance:	C0
$r_{1,2}$ min.	1.1 mm
d_a - min.	37 mm
d_a - max.	44.5 mm
D_a - max.	65 mm
r_a - max.	1 mm
Minimum Buy Quantity	N/A
d_1 ?	44.6 mm
D_2 ?	61.88 mm
static load capacity:	16 kN
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	1.1 mm
dynamic load capacity:	29.6 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6306-RS1
Internal Special Features	No
Basic dynamic load rating C	29.6 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	29.6 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.67 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.1
Fatigue load limit - P_u	0.67 kN
Calculation factor - k_r	0.03
Calculation factor - f_0	13.1
Basic static load rating C_0	16 kN

Basic static load rating - C_0	16 kN
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