



Bearing No. 62306-2RS1

D	72 mm
d	30 mm
B	27 mm
Bore	1.181 Inch 30 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	72x30x27
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	27
bore type:	Round
maximum rpm:	6300 RPM
Weight / LBS	1.12
Mass bearing	0.5 kg
D ₂	61.88 mm
Cage Material	Steel
closure type:	Double Sealed
d ₁	44.6 mm
Product Group	B00308
Inch - Metric	Metric
fillet radius:	1 mm
cage material:	Steel
overall width:	27 mm
bore diameter:	30 mm
Limiting speed	6300 r/min
Keyword String	Ball

Other Features	Cartridge Bearing
Enclosure Type	Contact Seal
Bearing number	62306-2RS1
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outer Race Width	1.063 Inch 27 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	2.835 Inch 72 Millimeter
Long Description	30MM Bore; 72MM Outside Diameter; 27MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	SKF
outer ring width:	27 mm
precision rating:	ABEC 3 (ISO Class 6)
Weight / Kilogram	0.508
outside diameter:	72 mm
D _a max.	65 mm
r _a max.	1 mm
d _a min.	37 mm
Bore Diameter (mm)	72
d _a max.	44.5 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Outer Diameter (mm)	30
Minimum Buy Quantity	N/A
r _a - max.	1 mm
d _a - min.	37 mm

D_a - max.	65 mm
d_a - max.	44.5 mm
$r_{1,2}$ min.	1.1 mm
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:	28.1 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	62306-2RS1
Internal Special Features	No
Basic dynamic load rating C	28.1 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	28.1 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
Calculation factor - k_r	0.03
Calculation factor - f_0	13.1
Fatigue load limit - P_u	0.67 kN
Basic static load rating C_0	16 kN
Basic static load rating - C_0	16 kN