



Bearing No. 6006-2RS1

D	55 mm
d	30 mm
B	13 mm
Noun	Bearing
Bore	1.181 Inch 30 Millimeter
UNSPSC	31171504
series:	60
Category	Single Row Ball Bearing
Size (mm)	55x30x13
Snap Ring	No
Enclosure	2 Seals
Inventory	6.0
Width (mm)	13
bore type:	Round
Weight / LBS	0.278
Mass bearing	0.12 kg
maximum rpm:	8000 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
D ₂	49 mm
closure type:	Double Sealed
d ₁	38.2 mm
Keyword String	Ball
overall width:	13 mm
cage material:	Steel
Other Features	Deep Groove NBR Seal
fillet radius:	1 mm

Enclosure Type	Contact Seal
bore diameter:	30 mm
Bearing number	6006-2RS1
Limiting speed	8000 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	2.165 Inch 55 Millimeter
Outer Race Width	0.512 Inch 13 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	30MM Bore; 55MM Outside Diameter; 13MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage;
Manufacturer Name	SKF
precision rating:	Not Rated
Weight / Kilogram	0.126
outer ring width:	13 mm
outside diameter:	55 mm
D _a max.	50.4 mm
d _a max.	38.1 mm
d _a min.	34.6 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	55
r _a max.	1 mm
Outer Diameter (mm)	30
internal clearance:	C0

$r_{1,2}$ min.	1 mm
d_a - min.	34.6 mm
d_a - max.	38.1 mm
D_a - max.	50.4 mm
r_a - max.	1 mm
Minimum Buy Quantity	N/A
d_1 ?	38.2 mm
D_2 ?	49 mm
static load capacity:	8.3 kN
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	1 mm
dynamic load capacity:	13.8 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6006-2RS1
Internal Special Features	No
Basic dynamic load rating C	13.8 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	13.8 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.355 kN
Calculation factor k_r	0.025
Calculation factor f_0	15
Fatigue load limit - P_u	0.355 kN
Calculation factor - k_r	0.025
Calculation factor - f_0	15
Basic static load rating C_0	8.3 kN
Basic static load rating -	8.3 kN

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