



Bearing No. 6009-2RS1

D	75 mm
d	45 mm
B	16 mm
Noun	Bearing
Bore	1.772 Inch 45 Millimeter
UNSPSC	31171504
series:	60
Category	Single Row Ball Bearing
Size (mm)	75x45x16
Enclosure	2 Seals
Inventory	55.0
Snap Ring	No
Width (mm)	16
bore type:	Round
Weight / LBS	0.57
Mass bearing	0.25 kg
maximum rpm:	5600 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
D ₂	67.8 mm
closure type:	Double Sealed
d ₁	54.75 mm
Keyword String	Ball
bore diameter:	45 mm
cage material:	Steel
fillet radius:	1 mm
Enclosure Type	Contact Seal
overall width:	16 mm

Bearing number	6009-2RS1
Limiting speed	5600 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Outside Diameter	2.953 Inch 75 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	45MM Bore; 75MM Outside Diameter; 16MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	75 mm
outer ring width:	16 mm
Weight / Kilogram	0.259
Internal Clearance	C0-Medium
D _a max.	69.2 mm
Bore Diameter (mm)	75
r _a max.	1 mm
d _a min.	50.8 mm
d _a max.	54.7 mm
Outer Diameter (mm)	45
internal clearance:	C0
d _a - max.	54.7 mm
d _a - min.	50.8 mm
r _{1,2} min.	1 mm
D _a - max.	69.2 mm
Minimum Buy Quantity	N/A

r_a - max.	1 mm
D_2 ?	67.8 mm
static load capacity:	14.6 kN
row type & fill slot:	Single Row Non-Fill Slot
d_1 ?	54.75 mm
dynamic load capacity:	22.1 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	1 mm
Manufacturer Item Number	6009-2RS1
Internal Special Features	No
Basic dynamic load rating C	22.1 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	22.1 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.64 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.9
Fatigue load limit - P_u	0.64 kN
Calculation factor - k_r	0.025
Calculation factor - f_0	14.9
Basic static load rating C_0	14.6 kN
Basic static load rating - C_0	14.6 kN