



50 mm x 80 mm x 16 mm SKF 6010-2RS1 deep groove ball bearings

Bearing No. 6010-2RS1

6010-2RS1 Bearing 2D drawings and 3D CAD models

Size	80x50x16 mm
Bore Diameter	80 mm
Outer Diameter	50 mm
Width	16 mm
d	50 mm
D	80 mm
B	16 mm
d ₁	59.75 mm
D ₂	72.8 mm
r _{1,2} - min.	1 mm
d _a - min.	54.6 mm
d _a - max.	59.7 mm
D _a - max.	75.4 mm
r _a - max.	1 mm
Basic dynamic load rating - C	22.9 kN
Basic static load rating - C ₀	15.6 kN
Fatigue load limit - P _u	0.71 kN
Limiting speed	5000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	14.7
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



GENUINE ORIGINAL GERMAN BEARINGS CO.,LTD

Weight / Kilogram	0.281
EAN	7316570522204
Product Group	B00308
Enclosure	2 Seals
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
Enclosure Type	Contact Seal
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	50MM Bore; 80MM Outside Diameter; 16MM Outer Race Diameter; 2 Seals; 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	http://www.skf.com
Manufacturer Item Number	6010-2RS1
Weight / LBS	0.62
Outside Diameter	3.15 Inch 80 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter
Bore	1.969 Inch 50 Millimeter
bore diameter:	50 mm
static load capacity:	15.6 kN



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outside diameter:	80 mm
precision rating:	Not Rated
overall width:	16 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Sealed
outer ring width:	16 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1 mm
internal clearance:	C0
maximum rpm:	5000 RPM
operating temperature range:	-40 to +210 ° F
series:	60
dynamic load capacity:	22.9 kN
d_1	59.75 mm
$r_{1,2}$ min.	1 mm
d_a min.	54.6 mm
d_a max.	59.7 mm
D_a max.	75.4 mm
r_a max.	1 mm
Basic dynamic load rating C	22.9 kN
Basic static load rating C_0	15.6 kN
Fatigue load limit P_u	0.71 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.7
Mass bearing	0.27 kg