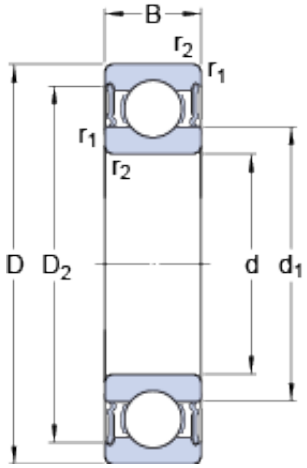
Loyal | 61809-2RS1



Bearing No. 61809-2RS1

D	58 mm
d	45 mm
B	7 mm
Noun	Bearing
Bore	1.772 Inch | 45 Millimeter
UNSPSC	31171504
series:	61
Category	Single Row Ball Bearing
Size (mm)	58x45x7
Enclosure	2 Seals
Inventory	0.0
Snap Ring	No
Width (mm)	7
bore type:	Round
Weight / LBS	0.1
Mass bearing	0.04 kg
maximum rpm:	6700 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
D_2	55.4 mm
closure type:	Double Sealed
d_1	49.1 mm
Keyword String	Ball
bore diameter:	45 mm
cage material:	Steel
fillet radius:	0.3 mm
Enclosure Type	Contact Seal
overall width:	7 mm

Bearing number	61809-2RS1
Limiting speed	6700 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 | ISO P0
Outer Race Width	0.276 Inch | 7 Millimeter
Outside Diameter	2.283 Inch | 58 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	45MM Bore; 58MM Outside Diameter; 7MM 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:	58 mm
outer ring width:	7 mm
Weight / Kilogram	0.045
Internal Clearance	C0-Medium
D_a max.	56 mm
Bore Diameter (mm)	58
r_a max.	0.3 mm
d_a min.	47 mm
d_a max.	49 mm
Outer Diameter (mm)	45
internal clearance:	C0
d_a - max.	49 mm
d_a - min.	47 mm
$r_{1,2}$ min.	0.3 mm
D_a - max.	56 mm
Minimum Buy Quantity	N/A

r_a - max.	0.3 mm
D_2 ?	55.4 mm
static load capacity:	6.1 kN
row type & fill slot:	Single Row Non-Fill Slot
d_1 ?	48.2 mm
dynamic load capacity:	6.63 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	0.3 mm
Manufacturer Item Number	61809-2RS1
Internal Special Features	No
Basic dynamic load rating C	6.63 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	6.6 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.26 kN
Calculation factor k_r	0.015
Calculation factor f_0	17
Fatigue load limit - P_u	0.26 kN
Calculation factor - k_r	0.015
Calculation factor - f_0	17
Basic static load rating C_0	6.1 kN
Basic static load rating - C_0	6.1 kN