



Bearing No. 61810-2RS1

D	65 mm
d	50 mm
B	7 mm
Noun	Bearing
Bore	1.969 Inch 50 Millimeter
UNSPSC	31171504
series:	61
Category	Single Row Ball Bearing
Size (mm)	65x50x7
Enclosure	2 Seals
Inventory	0.0
Snap Ring	No
Width (mm)	7
bore type:	Round
Weight / LBS	0.14
Mass bearing	0.052 kg
maximum rpm:	6000 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
D ₂	61.8 mm
closure type:	Double Sealed
d ₁	55.1 mm
Keyword String	Ball
bore diameter:	50 mm
cage material:	Steel
fillet radius:	0.3 mm
Enclosure Type	Contact Seal
overall width:	7 mm

Bearing number	61810-2RS1
Limiting speed	6000 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	2.559 Inch 65 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	50MM Bore; 65MM 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:	65 mm
outer ring width:	7 mm
Weight / Kilogram	0.062
Internal Clearance	C0-Medium
D _a max.	63 mm
Bore Diameter (mm)	65
r _a max.	0.3 mm
d _a min.	52 mm
d _a max.	55 mm
Outer Diameter (mm)	50
internal clearance:	C0
d _a - max.	55 mm
d _a - min.	52 mm
r _{1,2} min.	0.3 mm
D _a - max.	63 mm
Minimum Buy Quantity	N/A

r_a - max.	0.3 mm
D_2 ?	61.8 mm
static load capacity:	6.8 kN
row type & fill slot:	Single Row Non-Fill Slot
d_1 ?	54.67 mm
dynamic load capacity:	6.76 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	0.3 mm
Manufacturer Item Number	61810 2RS1
Internal Special Features	No
Basic dynamic load rating C	6.76 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	6.8 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.285 kN
Calculation factor k_r	0.015
Calculation factor f_0	17.2
Fatigue load limit - P_u	0.285 kN
Calculation factor - k_r	0.015
Calculation factor - f_0	17.2
Basic static load rating C_0	6.8 kN
Basic static load rating - C_0	6.8 kN