



**Bearing No. 61808-2RS1**

D	52 mm
d	40 mm
B	7 mm
C	7 mm
d2	42,1 mm
d1	- mm
D2	0,3 mm
D1	49,3 mm
Bore	1.575 Inch   40 Millimeter
Noun	Bearing
Weight	0,034 Kg
UNSPSC	31171504
r1 min.	42 mm
r2 min.	42 mm
series:	61
Da max.	50 mm
ra max.	0,3 mm
da min.	42 mm
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	40x52x7
Snap Ring	No
Enclosure	2 Seals
bore type:	Round
Width (mm)	7
Weight / LBS	0.07
maximum rpm:	7500 RPM
Mass bearing	0.034 kg
closure type:	Double Sealed

Cage Material	Steel
Inch - Metric	Metric
Product Group	B00308
Limiting speed	7500 r/min
fillet radius:	0.3 mm
cage material:	Steel
bore diameter:	40 mm
Keyword String	Ball
overall width:	7 mm
Enclosure Type	Contact Seal
Bearing number	61808-2RS1
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1   ISO P0
Reference speed	- r/min
Outside Diameter	2.047 Inch   52 Millimeter
Long Description	40MM Bore; 52MM 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 URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outer Race Width	0.276 Inch   7 Millimeter
outer ring width:	7 mm
precision rating:	Not Rated
outside diameter:	52 mm
Manufacturer Name	SKF
Weight / Kilogram	0.03
Internal Clearance	C0-Medium
d <sub>a</sub> min.	42 mm
Bore Diameter (mm)	40

$r_a$ max.	0.3 mm
$D_a$ max.	50 mm
$d_a$ max.	42 mm
Outer Diameter (mm)	52
internal clearance:	C0
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	0.3 mm
static load capacity:	3.75 kN
$D_2$ ?	0 mm
row type & fill slot:	Single Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	4.49 kN
Calculation factor ( $f_0$ )	15
Fatigue load limit ( $P_u$ )	0,16
Manufacturer Item Number	61808-2RS1
Internal Special Features	No
Basic dynamic load rating C	4.49 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating (C)	4,49 kN
Basic static load rating (C0)	3,75 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	0.16 kN
Calculation factor $k_r$	0.015
Calculation factor $f_0$	14.6
Basic static load rating $C_0$	3.75 kN