



Bearing No. 61808-2RZ

D	52 mm
d	40 mm
B	7 mm
C	7 mm
D1	49,3 mm
D2	0,3 mm
d1	43,2 mm
d2	- mm
Bore	1.575 Inch 40 Millimeter
Noun	Bearing
UNSPSC	31171504
Weight	0,034 Kg
r2 min.	42 mm
r1 min.	42 mm
da min.	43 mm
Da max.	50 mm
ra max.	0,3 mm
series:	61
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	40x52x7
Snap Ring	No
Enclosure	2 Seals
Width (mm)	7
bore type:	Round
Weight / LBS	0.077
Mass bearing	0.034 kg
maximum rpm:	13000 RPM
Product Group	B00308

closure type:	Double Sealed
Cage Material	Steel
Inch - Metric	Metric
bore diameter:	40 mm
overall width:	7 mm
Keyword String	Ball
cage material:	Steel
fillet radius:	0.3 mm
Bearing number	61808-2RZ
Enclosure Type	Non-Contact Seal
Limiting speed	13000 r/min
Reference speed	26000 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Outside Diameter	2.047 Inch 52 Millimeter
Outer Race Width	0.276 Inch 7 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	http://www.skf.com
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	0.035
outer ring width:	7 mm
outside diameter:	52 mm
r _a max.	0.3 mm
Internal Clearance	C0-Medium
D _a max.	50 mm

d _a max.	43 mm
d _a min.	42 mm
Bore Diameter (mm)	40
Outer Diameter (mm)	52
internal clearance:	C0
Minimum Buy Quantity	N/A
r _{1,2} min.	0.3 mm
d ₁ ?	43.21 mm
D ₂ ?	0 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	3.75 kN
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	61808-2RZ
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