



Bearing No. 61806-2RZ

D	42 mm
d	30 mm
B	7 mm
Bore	1.181 Inch 30 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	61
Category	Single Row Ball Bearing
Enclosure	2 Seals
Inventory	0.0
Size (mm)	42x30x7
Snap Ring	No
Width (mm)	7
bore type:	Round
Weight / LBS	0.061
Mass bearing	0.025 kg
maximum rpm:	16000 RPM
closure type:	Double Sealed
D ₂	39.4 mm
d ₁	33.7 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	30 mm
Keyword String	Ball
cage material:	Steel
fillet radius:	0.3 mm
Enclosure Type	Non-Contact Seal
overall width:	7 mm

Bearing number	61806-2RZ
Limiting speed	16000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Reference speed	32000 r/min
Outer Race Width	0.276 Inch 7 Millimeter
Outside Diameter	1.654 Inch 42 Millimeter
Long Description	30MM Bore; 42MM 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
outer ring width:	7 mm
precision rating:	Not Rated
Weight / Kilogram	0.028
Manufacturer Name	SKF
outside diameter:	42 mm
d _a max.	33.6 mm
d _a min.	32 mm
D _a max.	40 mm
Internal Clearance	C0-Medium
r _a max.	0.3 mm
Bore Diameter (mm)	42
snap ring included:	Without Snap Ring
Outer Diameter (mm)	30
internal clearance:	C0
r _a - max.	0.3 mm
d _a - max.	33.6 mm
d _a - min.	32 mm

r _{1,2} min.	0.6 mm
Minimum Buy Quantity	N/A
D _a - max.	40 mm
static load capacity:	2.9 kN
d ₁ ?	33.7 mm
D ₂ ?	39.4 mm
row type & fill slot:	Single Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	0.6 mm
dynamic load capacity:	4.49 kN
Manufacturer Item Number	61806-2RZ
Internal Special Features	No
Basic dynamic load rating C	4.49 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	4.5 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P _u	0.146 kN
Calculation factor k _r	0.015
Calculation factor f ₀	13.9
Fatigue load limit - P _u	0.146 kN
Calculation factor - k _r	0.015
Calculation factor - f ₀	13.9
Basic static load rating C ₀	2.9 kN
Basic static load rating - C ₀	2.9 kN