



# NTA BEARING PRECISION AXLE CORP.



Extremely Competitive Price Thin Wall SKF  
61800 Deep Groove Ball Bearings 61800 Bearing  
Size

Bearing No. 61800

61800 Bearing 2D drawings and 3D CAD models

Size	10x19x5 mm
Bore Diameter	10 mm
Outer Diameter	19 mm
Width	5 mm
d	10 mm
D	19 mm
B	5 mm
C	5 mm
d1	12,7 mm
r1 min.	0,3 mm
r2 min.	0,3 mm
D1	16,3 mm
D2	– mm
da min.	12 mm
Da max.	17 mm
rc max.	0,3 mm
Weight	0,0053 Kg
Basic dynamic load rating (C)	1,72 kN
Basic static load rating (C0)	0,83 kN
Fatigue load limit (Pu)	0,036
Reference speed	80000 r/min
Limiting speed	48000 r/min
Calculation factor (f0)	15
Category	Single Row Ball Bearings



## NTA BEARING PRECISION AXLE CORP.

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.007
EAN	7316576641534
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	10MM Bore; 19MM Outside Diameter; 5MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	61800
Weight / LBS	0.01
Bore	0.394 Inch   10 Millimeter
Outer Race Width	0.197 Inch   5 Millimeter
Outside Diameter	0.748 Inch   19 Millimeter



## NTA BEARING PRECISION AXLE CORP.

bore diameter:	10 mm
static load capacity:	0.83 kN
outside diameter:	19 mm
precision rating:	Not Rated
overall width:	5 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	5 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
snap ring included:	Without Snap Ring
maximum rpm:	48000 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	1.72 kN
$d_1$	12.74 mm
$D_1$	16.26 mm
$r_{1,2}$ min.	0.3 mm
$d_a$ min.	12 mm
$D_a$ max.	17 mm
$r_a$ max.	0.3 mm
Basic dynamic load rating C	1.72 kN
Basic static load rating $C_0$	0.83 kN
Fatigue load limit $P_u$	0.036 kN
Calculation factor $k_r$	0.015
Calculation factor $f_0$	14.8
Mass bearing	0.0053 kg