



BEARING FORGE OF AMERICA CORP.



10 mm x 19 mm x 5 mm skf 61800 bearing

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
Inventory	0.0
Manufacturer Name	SKF



BEARING FORGE OF AMERICA CORP.

Minimum Buy Quantity	N/A
Weight / Kilogram	0.007
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	http://www.skf.com
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
bore diameter:	10 mm
static load capacity:	0.83 kN
outside diameter:	19 mm



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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