



Bearing No. 61800-2Z

D	19 mm
d	10 mm
B	5 mm
C	5 mm
D1	17,2 mm
D2	0,3 mm
d1	12,7 mm
d2	- mm
Bore	0.394 Inch 10 Millimeter
Noun	Bearing
UNSPSC	31171504
Weight	0,0055 Kg
r2 min.	12 mm
r1 min.	12 mm
da min.	12,5 mm
Da max.	17 mm
ra max.	0,3 mm
series:	61
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	10x19x5
Snap Ring	No
Enclosure	2 Metal Shields
Width (mm)	5
bore type:	Round
Weight / LBS	0.02
Mass bearing	0.0055 kg
maximum rpm:	38000 RPM
Product Group	B00308

closure type:	Double Shielded
Cage Material	Steel
Inch - Metric	Metric
bore diameter:	10 mm
overall width:	5 mm
Keyword String	Ball
cage material:	Steel
fillet radius:	0.3 mm
Bearing number	61800-2Z
Limiting speed	38000 r/min
finish/coating:	Uncoated
Reference speed	80000 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Outer Race Width	0.197 Inch 5 Millimeter
Outside Diameter	0.748 Inch 19 Millimeter
Long Description	10MM Bore; 19MM Outside Diameter; 5MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
Weight / Kilogram	0.007
outer ring width:	5 mm
outside diameter:	19 mm
precision rating:	Not Rated
d _a max.	12.5 mm
D _a max.	17 mm
Bore Diameter (mm)	10
r _a max.	0.3 mm

d _a min.	12 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	19
internal clearance:	C0
r _{1,2} min.	0.3 mm
Minimum Buy Quantity	N/A
D ₂ ?	0 mm
static load capacity:	0.83 kN
row type & fill slot:	Single Row Non-Fill Slot
d ₁ ?	12.74 mm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	1.72 kN
Fatigue load limit (Pu)	0,036
Calculation factor (f0)	15
Manufacturer Item Number	61800 2Z
Internal Special Features	No
Basic dynamic load rating C	1.72 kN
Basic dynamic load rating (C)	1,72 kN
Basic static load rating (C0)	0,83 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P _u	0.036 kN
Calculation factor k _r	0.015
Calculation factor f ₀	14.8
Basic static load rating C ₀	0.83 kN