



**Bearing No. W 61800**

D	19 mm
d	10 mm
B	5 mm
Bore	0.394 Inch   10 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	19x10x5
Snap Ring	No
Width (mm)	5
Mass bearing	0.0048 kg
Weight / LBS	0.0106
Inch - Metric	Metric
Cage Material	Stainless Steel
D <sub>2</sub>	17.15 mm
d <sub>2</sub>	11.8 mm
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball
Bearing number	W 61800
Limiting speed	48000 r/min
Rolling Element	Ball Bearing
Reference speed	80000 r/min
Precision Class	ABEC 1   ISO P0
Outside Diameter	0.748 Inch   19 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>

Long Description	10MM Bore; 19MM Outside Diameter; 5MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stainless Steel
Outer Race Width	0.197 Inch   5 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.005
$d_a$ min.	11.5 mm
$D_a$ max.	17.5 mm
$r_a$ max.	0.3 mm
Bore Diameter (mm)	19
Internal Clearance	C0-Medium
Outer Diameter (mm)	10
$r_{1,2}$ min.	0.3 mm
$r_a$ - max.	0.3 mm
$D_a$ - max.	17.5 mm
$d_a$ - min.	11.5 mm
Minimum Buy Quantity	N/A
$D_2$ ?	17.15 mm
$d_2$ ?	11.8 mm
$r_{1,2}$ - min.	0.3 mm
Harmonized Tariff Code	8482.10.50.68
Internal Special Features	No
Basic dynamic load rating C	1.48 kN
Basic dynamic load rating - C	1.5 kN

Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	0.036 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	14.8
Fatigue load limit - $P_u$	0.036 kN
Calculation factor - $k_r$	0.02
Calculation factor - $f_0$	14.8
Basic static load rating $C_0$	0.83 kN
Basic static load rating - $C_0$	0.83 kN