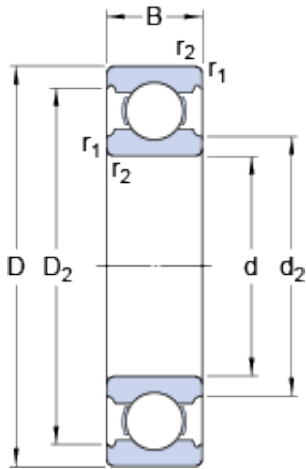




# PCI BEARING LTD



10 mm x 19 mm x 5 mm SKF W 61800 deep groove ball bearings

Bearing No. W 61800

W 61800 Bearing 2D drawings and 3D CAD models

Size	19x10x5 mm
Bore Diameter	19 mm
Outer Diameter	10 mm
Width	5 mm
d	10 mm
D	19 mm
B	5 mm
d <sub>2</sub>	11.8 mm
D <sub>2</sub>	17.15 mm
r <sub>1,2</sub> - min.	0.3 mm
d <sub>a</sub> - min.	11.5 mm
D <sub>a</sub> - max.	17.5 mm
r <sub>a</sub> - max.	0.3 mm
Basic dynamic load rating - C	1.5 kN
Basic static load rating - C <sub>0</sub>	0.83 kN
Fatigue load limit - P <sub>u</sub>	0.036 kN
Reference speed	80000 r/min
Limiting speed	48000 r/min
Calculation factor - k <sub>r</sub>	0.02
Calculation factor - f <sub>0</sub>	14.8
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## PCI BEARING LTD

Weight / Kilogram	0.005
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	Stainless Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Other Features	Deep Groove
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>
Weight / LBS	0.0106
Outside Diameter	0.748 Inch   19 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.197 Inch   5 Millimeter
Bore	0.394 Inch   10 Millimeter
d <sub>2</sub>	11.8 mm
D <sub>2</sub>	17.15 mm



## PCI BEARING LTD

$r_{1,2}$ min.	0.3 mm
$d_a$ min.	11.5 mm
$D_a$ max.	17.5 mm
$r_a$ max.	0.3 mm
Basic dynamic load rating C	1.48 kN
Basic static load rating $C_0$	0.83 kN
Fatigue load limit $P_u$	0.036 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	14.8
Mass bearing	0.0048 kg