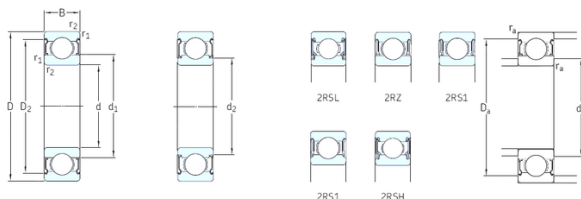




# BEARING CORP.OF AMERICA



10 mm x 19 mm x 5 mm skf 61800-2RS1 Deep groove ball bearings

Bearing No. 61800-2RS1

61800-2RS1 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	– mm
d2	11,8 mm
r1 min.	11,8 mm
r2 min.	11,8 mm
D1	17,2 mm
D2	0,3 mm
da min.	11,8 mm
Da max.	17 mm
ra max.	0,3 mm
Weight	0,0055 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	– r/min
Limiting speed	22000 r/min
Calculation factor (f0)	15
Category	Single Row Ball Bearings



## BEARING CORP.OF AMERICA

Inventory	2.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.007
Product Group	B00308
Enclosure	2 Seals
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
Enclosure Type	Contact Seal
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	10MM Bore; 19MM Outside Diameter; 5MM Outer Race Diameter; 2 Seals; 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	61800-2RS1
Weight / LBS	0.02
Outside Diameter	0.748 Inch   19 Millimeter
Outer Race Width	0.197 Inch   5 Millimeter
Bore	0.394 Inch   10 Millimeter



## BEARING CORP.OF AMERICA

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:	Double Sealed
outer ring width:	5 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
internal clearance:	C0
maximum rpm:	22000 RPM
operating temperature range:	-40 to +210 ° F
series:	61
dynamic load capacity:	1.72 kN
$D_2$	0 mm
$r_{1,2}$ min.	0.3 mm
$d_a$ min.	11.8 mm
$d_a$ max.	11.8 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	0.0055 kg