



## BEARINGS(UK)LTD.



### 65 mm x 90 mm x 13 mm skf 61913 Deep groove ball bearings

Bearing No. 61913

61913 Bearing 2D drawings and 3D CAD models

Size	90x65x13 mm
Bore Diameter	90 mm
Outer Diameter	65 mm
Width	13 mm
d	65 mm
D	90 mm
B	13 mm
d <sub>1</sub>	73.2 mm
D <sub>1</sub>	81.8 mm
r <sub>1,2</sub> - min.	1 mm
d <sub>a</sub> - min.	69.6 mm
D <sub>a</sub> - max.	85.4 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	17.4 kN
Basic static load rating - C <sub>0</sub>	16 kN
Fatigue load limit - P <sub>u</sub>	0.68 kN
Reference speed	15000 r/min
Limiting speed	9500 r/min
Calculation factor - k <sub>r</sub>	0.02
Calculation factor - f <sub>0</sub>	16.6
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## BEARINGS(UK)LTD.

Weight / Kilogram	0.24
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	65MM Bore; 90MM Outside Diameter; 13MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	61913
Weight / LBS	0.53
Outer Race Width	0.512 Inch   13 Millimeter
Bore	2.559 Inch   65 Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
bore diameter:	65 mm
static load capacity:	16 kN
outside diameter:	90 mm
precision rating:	Not Rated



## BEARINGS(UK)LTD.

overall width:	13 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	13 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	9500 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	17.4 kN
$d_1$	73 mm
$D_1$	82.3 mm
$r_{1,2}$ min.	1 mm
$d_a$ min.	69.6 mm
$D_a$ max.	85.4 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	17.4 kN
Basic static load rating $C_0$	16 kN
Fatigue load limit $P_u$	0.68 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	16.6
Mass bearing	0.2 kg