



61913 Bearing 2D drawings and 3D CAD models

## NEW NOT IN BOX SKF 61913 SUPER PRECISION BEARING

Bearing No. 61913

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



## Star Precision Bearing Trading Co.,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

## Star Precision Bearing Trading Co.,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