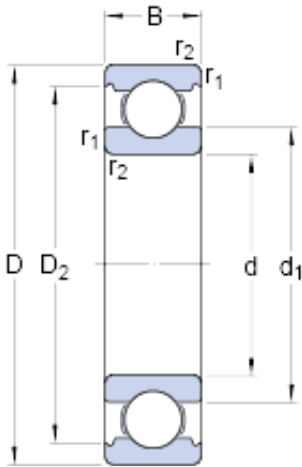




## BEARING PRECISION AXLE CORP.



100 mm x 125 mm x 13 mm SKF 61820 deep groove ball bearings

Bearing No. 61820

61820 Bearing 2D drawings and 3D CAD models

Size	125x100x13 mm
Bore Diameter	125 mm
Outer Diameter	100 mm
Width	13 mm
d	100 mm
D	125 mm
B	13 mm
d <sub>1</sub>	108.3 mm
D <sub>2</sub>	119.3 mm
r <sub>1,2</sub> - min.	1 mm
d <sub>a</sub> - min.	105 mm
D <sub>a</sub> - max.	120 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	17.8 kN
Basic static load rating - C <sub>0</sub>	18.3 kN
Fatigue load limit - P <sub>u</sub>	0.95 kN
Reference speed	10000 r/min
Limiting speed	6300 r/min
Calculation factor - k <sub>r</sub>	0.015
Calculation factor - f <sub>0</sub>	13.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## BEARING PRECISION AXLE CORP.

Weight / Kilogram	0.333
EAN	7316576612985
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	100MM Bore; 125MM 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	61820
Weight / LBS	0.73
Outer Race Width	0.512 Inch   13 Millimeter
Outside Diameter	4.921 Inch   125 Millimeter
Bore	3.937 Inch   100 Millimeter
bore diameter:	100 mm
static load capacity:	18.3 kN
outside diameter:	125 mm



## BEARING PRECISION AXLE CORP.

precision rating:	Not Rated
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:	6300 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	17.8 kN
$d_1$	108.3 mm
$D_2$	119.3 mm
$r_{1,2}$ min.	1 mm
$d_a$ min.	105 mm
$D_a$ max.	120 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	17.8 kN
Basic static load rating $C_0$	18.3 kN
Fatigue load limit $P_u$	0.95 kN
Calculation factor $k_r$	0.015
Calculation factor $f_0$	13.3
Mass bearing	0.3 kg