



BEARINGS(UK)LTD.



90 mm x 125 mm x 18 mm skf 61918 Deep groove ball bearings

Bearing No. 61918

61918 Bearing 2D drawings and 3D CAD models

Size	125x90x18 mm
Bore Diameter	125 mm
Outer Diameter	90 mm
Width	18 mm
d	90 mm
D	125 mm
B	18 mm
d ₁	101.4 mm
D ₁	113.7 mm
r _{1,2} - min.	1.1 mm
d _a - min.	96 mm
D _a - max.	119 mm
r _a - max.	1 mm
Basic dynamic load rating - C	33.2 kN
Basic static load rating - C ₀	31.5 kN
Fatigue load limit - P _u	1.3 kN
Reference speed	11000 r/min
Limiting speed	6700 r/min
Calculation factor - k _r	0.02
Calculation factor - f ₀	16.5
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.61
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	90MM Bore; 125MM Outside Diameter; 18MM 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	http://www.skf.com
Manufacturer Item Number	61918
Weight / LBS	1.34
Bore	3.543 Inch 90 Millimeter
Outside Diameter	4.921 Inch 125 Millimeter
Outer Race Width	0.709 Inch 18 Millimeter
bore diameter:	90 mm
static load capacity:	31.5 kN
outside diameter:	125 mm
precision rating:	Not Rated



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overall width:	18 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	18 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	6700 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	33.2 kN
d_1	101.4 mm
D_1	113.7 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	96 mm
D_a max.	119 mm
r_a max.	1 mm
Basic dynamic load rating C	33.2 kN
Basic static load rating C_0	31.5 kN
Fatigue load limit P_u	1.29 kN
Calculation factor k_r	0.02
Calculation factor f_0	16.5
Mass bearing	0.59 kg