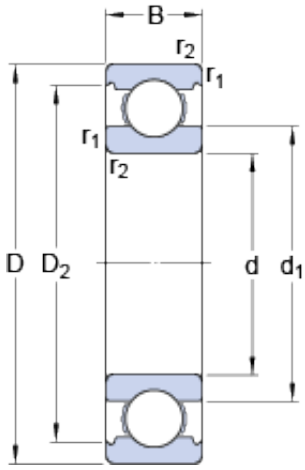
BEARING DRIVESHAFT,INC.



70 mm x 100 mm x 16 mm skf 61914 bearing

Bearing No. 61914

Size	100x70x16 mm
Bore Diameter	100 mm
Outer Diameter	70 mm
Width	16 mm
d	70 mm
D	100 mm
B	16 mm
d_1	79.8 mm
D_2	92.9 mm
$r_{1,2}$ - min.	1 mm
d_a - min.	74.6 mm
D_a - max.	95.4 mm
r_a - max.	1 mm
Basic dynamic load rating - C	23.8 kN
Basic static load rating - C_0	18.3 kN
Fatigue load limit - P_u	0.9 kN
Reference speed	14000 r/min
Limiting speed	8500 r/min
Calculation factor - k_r	0.02
Calculation factor - f_0	14.1
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.37

61914 Bearing 2D drawings and 3D CAD models

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	70MM Bore; 100MM Outside Diameter; 16MM 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	61914
Weight / LBS	0.82
Outer Race Width	0.63 Inch | 16 Millimeter
Outside Diameter	3.937 Inch | 100 Millimeter
Bore	2.756 Inch | 70 Millimeter
bore diameter:	70 mm
static load capacity:	21.2 kN
outside diameter:	100 mm
precision rating:	Not Rated
overall width:	16 mm

finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	16 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	8500 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	23.8 kN
$d_1 \approx$	79.8 mm
$D_2 \approx$	92.9 mm
$r_{1,2}$ min.	1 mm
d_a min.	74.6 mm
D_a max.	95.4 mm
r_a max.	1 mm
Basic dynamic load rating C	23.8 kN
Basic static load rating C_0	18.3 kN
Fatigue load limit P_u	0.9 kN
Calculation factor k_r	0.02
Calculation factor f_0	14.1
Mass bearing	0.34 kg