



BEARING DRIVESHAFT, INC.



50 mm x 72 mm x 12 mm skf 61910 bearing

Bearing No. 61910

Size	72x50x12 mm
Bore Diameter	72 mm
Outer Diameter	50 mm
Width	12 mm
d	50 mm
D	72 mm
B	12 mm
d ₁	56.9 mm
D ₁	65.1 mm
r _{1,2} - min.	0.6 mm
d _a - min.	53.2 mm
D _a - max.	68.8 mm
r _a - max.	0.6 mm
Basic dynamic load rating - C	14.6 kN
Basic static load rating - C ₀	11.8 kN
Fatigue load limit - P _u	0.5 kN
Reference speed	19000 r/min
Limiting speed	12000 r/min
Calculation factor - k _r	0.02
Calculation factor - f ₀	16.1
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.148

61910 Bearing 2D drawings and 3D CAD models



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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	50MM Bore; 72MM Outside Diameter; 12MM 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	61910
Weight / LBS	0.33
Outer Race Width	0.472 Inch 12 Millimeter
Bore	1.969 Inch 50 Millimeter
Outside Diameter	2.835 Inch 72 Millimeter
bore diameter:	50 mm
static load capacity:	11.8 kN
outside diameter:	72 mm
finish/coating:	Uncoated
overall width:	12 mm



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bearing material:	Steel
bore type:	Round
cage material:	Steel
closure type:	Open
fillet radius:	0.6 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	19000 rpm
snap ring included:	Without Snap Ring
weight:	0.31 lb
operating temperature range:	-40 to 212 ° F ° F
manufacturer product page:	Click here
dynamic load capacity:	14.6 kN
manufacturer upc number:	7316577095046
d_1	56.8 mm
D_1	65.6 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	53.2 mm
D_a max.	68.8 mm
r_a max.	0.6 mm
Basic dynamic load rating C	14.6 kN
Basic static load rating C_0	11.8 kN
Fatigue load limit P_u	0.5 kN
Calculation factor k_r	0.02
Calculation factor f_0	16.1
Mass bearing	0.14 kg