



MianKang Bearing Co., Ltd.



61824 Bearing 2D drawings and 3D CAD models

skf 61824 bearing

Bearing No. 61824

Size	150x120x16 mm
Bore Diameter	150 mm
Outer Diameter	120 mm
Width	16 mm
d	120 mm
D	150 mm
B	16 mm
d ₁	128.6 mm
D ₂	144.05 mm
r _{1,2} - min.	1 mm
d _a - min.	125 mm
D _a - max.	145 mm
r _a - max.	1 mm
Basic dynamic load rating - C	29.1 kN
Basic static load rating - C ₀	28 kN
Fatigue load limit - P _u	1.3 kN
Reference speed	8500 r/min
Limiting speed	5300 r/min
Calculation factor - k _r	0.015
Calculation factor - f ₀	13.5
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.577



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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	120MM Bore; 150MM 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	61824 J
Weight / LBS	1.27
Outer Race Width	0.63 Inch 16 Millimeter
Bore	4.724 Inch 120 Millimeter
Outside Diameter	5.906 Inch 150 Millimeter
bore diameter:	120 mm
static load capacity:	28 kN
outside diameter:	150 mm
precision rating:	Not Rated
overall width:	16 mm



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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:	5300 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	29.1 kN
d_1	128.6 mm
d_a min.	125 mm
D_a max.	145 mm
r_a max.	1 mm
Basic dynamic load rating C	29.1 kN
Basic static load rating C_0	28 kN
Fatigue load limit P_u	1.29 kN
Calculation factor k_r	0.015
Calculation factor f_0	13.5
Mass bearing	0.51 kg