



# PFG BEARING LIMITED



## 95 mm x 145 mm x 24 mm skf 6019 bearing

Bearing No. 6019

6019 Bearing 2D drawings and 3D CAD models

Size	145x95x24 mm
Bore Diameter	145 mm
Outer Diameter	95 mm
Width	24 mm
d	95 mm
D	145 mm
B	24 mm
d <sub>1</sub>	111.4 mm
D <sub>2</sub>	133.3 mm
r <sub>1,2</sub> - min.	1.5 mm
d <sub>a</sub> - min.	102 mm
D <sub>a</sub> - max.	138 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	63.7 kN
Basic static load rating - C <sub>0</sub>	54 kN
Fatigue load limit - P <sub>u</sub>	2.1 kN
Reference speed	9500 r/min
Limiting speed	6000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	15.8
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.26



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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	95MM Bore; 145MM Outside Diameter; 24MM 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	6019
Weight / LBS	2.78
Outer Race Width	0.945 Inch   24 Millimeter
Bore	3.74 Inch   95 Millimeter
Outside Diameter	5.709 Inch   145 Millimeter
bore diameter:	95 mm
static load capacity:	54 kN
outside diameter:	145 mm
precision rating:	ABEC 1 (ISO Class Normal)



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overall width:	24 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	24 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	6000 RPM
internal clearance:	C0
series:	60
dynamic load capacity:	63.7 kN
$d_1$	111.4 mm
$D_2$	133.3 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ min.	102 mm
$D_a$ max.	138 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	63.7 kN
Basic static load rating $C_0$	54 kN
Fatigue load limit $P_u$	2.08 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	15.8
Mass bearing	1.21 kg