



Bearing No. 6019

D	145 mm
d	95 mm
B	24 mm
Bore	3.74 Inch 95 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	60
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	145x95x24
Snap Ring	No
Width (mm)	24
bore type:	Round
Weight / LBS	2.78
Mass bearing	1.21 kg
maximum rpm:	6000 RPM
closure type:	Open
D ₂	133.3 mm
d ₁	111.4 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	95 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	1.5 mm
overall width:	24 mm
Bearing number	6019
Limiting speed	6000 r/min

finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	9500 r/min
Outside Diameter	5.709 Inch 145 Millimeter
Outer Race Width	0.945 Inch 24 Millimeter
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
Manufacturer URL	http://www.skf.com
outer ring width:	24 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	145 mm
Manufacturer Name	SKF
Weight / Kilogram	1.26
D _a max.	138 mm
Bore Diameter (mm)	145
Internal Clearance	C0-Medium
r _a max.	1.5 mm
d _a min.	102 mm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	95
internal clearance:	C0
r _a - max.	1.5 mm
D _a - max.	138 mm
d _a - min.	102 mm
r _{1,2} min.	1.5 mm

Minimum Buy Quantity	N/A
static load capacity:	54 kN
d_1 ?	111.4 mm
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	133.3 mm
dynamic load capacity:	63.7 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	1.5 mm
Manufacturer Item Number	6019
Internal Special Features	No
Basic dynamic load rating C	63.7 kN
Basic dynamic load rating - C	63.7 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.08 kN
Calculation factor k_r	0.025
Calculation factor f_0	15.8
Fatigue load limit - P_u	2.1 kN
Calculation factor - k_r	0.025
Calculation factor - f_0	15.8
Basic static load rating C_0	54 kN
Basic static load rating - C_0	54 kN