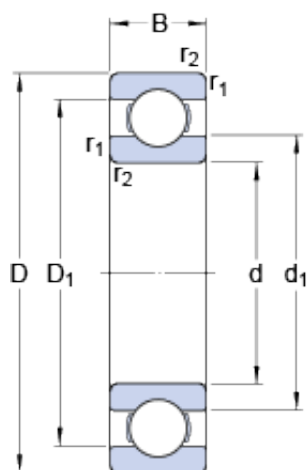




Bearing No. 16019

D	145 mm
d	95 mm
B	16 mm
Bore	3.74 Inch 95 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	16
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	145x95x16
Snap Ring	No
Width (mm)	16
bore type:	Round
Weight / LBS	2.035
Mass bearing	0.89 kg
maximum rpm:	6000 RPM
closure type:	Open
D ₁	128.2 mm
d ₁	111.7 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	95 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	1 mm
overall width:	16 mm
Bearing number	16019
Limiting speed	6000 r/min

finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	9500 r/min
Outer Race Width	0.63 Inch 16 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	5.709 Inch 145 Millimeter
Long Description	95MM Bore; 145MM Outside Diameter; 16MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	SKF
Weight / Kilogram	0.924
outer ring width:	16 mm
precision rating:	Not Rated
outside diameter:	145 mm
Internal Clearance	C0-Medium
D _a max.	140 mm
Bore Diameter (mm)	145
d _a min.	99.6 mm
r _a max.	1 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	95
Minimum Buy Quantity	N/A
r _a - max.	1 mm
D _a - max.	140 mm
d _a - min.	99.6 mm
r _{1,2} min.	1 mm
static load capacity:	41.5 kN

d_1 ?	111.7 mm
D_1 ?	128.2 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	44.9 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	1 mm
Manufacturer Item Number	16019
Internal Special Features	No
Basic dynamic load rating C	44.9 kN
Basic dynamic load rating - C	44.9 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.63 kN
Calculation factor k_r	0.02
Calculation factor f_0	16.4
Fatigue load limit - P_u	1.6 kN
Calculation factor - k_r	0.02
Calculation factor - f_0	16.4
Basic static load rating C_0	41.5 kN
Basic static load rating - C_0	41.5 kN