



**Bearing No. 6819N**

D	120 mm
d	95 mm
B	13 mm
C	13 mm
a	2.1 mm
b	1.3 mm
r1	0.5 mm
D1	117.6 mm
Width	13 mm
Weight	0.307 Kg
r min.	1 mm
r1 min.	0.5 mm
a (max)	2.1 mm
da (min)	100 mm
Cy (max)	2.9 mm
Da (max)	115 mm
Dx (min)	127 mm
ra (max)	1 mm
Factor fo	16.0
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	95x120x13
Bore Size	95 mm
Width (mm)	13
Groove Width	1.3 mm
Configuration	Single Row
Bearing number	6819N
Groove Diameter	117.6 mm
Outside Diameter	120 mm
Radial Clearance	0.012 to 0.036 mm

Static Load Rating	20,500 N
Bore Diameter (mm)	95
Dynamic Load Rating	19,300 N
Outer Diameter (mm)	120
Limiting Speed - Oil	6,000 rpm
Fillet Radius/Chamfer	1 mm
Limiting Speed - Grease	5,000 rpm
(Grease) Lubrication Speed	5000 r/min
Basic static load rating (C0)	20,5 kN
Basic dynamic load rating (C)	19,3 kN