



Bearing No. 6209N

D	85 mm
d	45 mm
B	19 mm
C	19 mm
a	3.28 mm
b	1.9 mm
r1	0.5 mm
D1	81.81 mm
Width	19 mm
Weight	0.407 Kg
r min.	1.1 mm
r1 min.	0.5 mm
a (max)	3.3 mm
da (min)	52 mm
Cy (max)	4.6 mm
Da (max)	78 mm
Dx (min)	93 mm
ra (max)	1 mm
Factor fo	14.1
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	45x85x19
Bore Size	45 mm
Width (mm)	19
Groove Width	1.9 mm
Configuration	Single Row
Bearing number	6209N
Groove Diameter	81.8 mm
Outside Diameter	85 mm
Radial Clearance	0.006 to 0.023 mm

Static Load Rating	20,500 N
Bore Diameter (mm)	45
Dynamic Load Rating	32,500 N
Outer Diameter (mm)	85
Limiting Speed - Oil	9,300 rpm
Fillet Radius/Chamfer	1.1 mm
Limiting Speed - Grease	7,800 rpm
(Grease) Lubrication Speed	7600 r/min
Basic static load rating (C0)	20,5 kN
Basic dynamic load rating (C)	32,5 kN