



Bearing No. 6316N

D	170 mm
d	80 mm
B	39 mm
C	39 mm
a	5.69 mm
b	3.5 mm
r1	0.5 mm
D1	163.65 mm
Width	39 mm
Weight	3.59 Kg
r min.	2.1 mm
r1 min.	0.5 mm
a (max)	5.7 mm
da (min)	92 mm
Cy (max)	8.4 mm
Da (max)	158 mm
Dx (min)	185 mm
ra (max)	2 mm
Factor fo	13.2
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	80x170x39
Bore Size	80 mm
Width (mm)	39
Groove Width	3.5 mm
Configuration	Single Row
Bearing number	6316N
Groove Diameter	163.7 mm
Outside Diameter	170 mm
Radial Clearance	0.010 to 0.030 mm

Static Load Rating	86,500 N
Bore Diameter (mm)	80
Dynamic Load Rating	123,000 N
Outer Diameter (mm)	170
Limiting Speed - Oil	4,800 rpm
Fillet Radius/Chamfer	2.1 mm
Limiting Speed - Grease	4,000 rpm
(Grease) Lubrication Speed	3800 r/min
Basic static load rating (C0)	86,5 kN
Basic dynamic load rating (C)	123 kN