



**Bearing No. 6316ZNR**

a	5.69 mm
f	3.1 mm
b	3.5 mm
d	80 mm
D	170 mm
B	39 mm
C	39 mm
r1	0.5 mm
D2	182.9 mm
D1	163.65 mm
Width	39 mm
Weight	3.59 Kg
r min.	2.1 mm
b (min)	3.5 mm
r1 min.	0.5 mm
a (max)	5.7 mm
Cy (max)	8.4 mm
D1 (max)	163.7 mm
ra (max)	2 mm
Da (max)	158 mm
da (min)	92 mm
Dx (min)	185 mm
Factor fo	13.2
Bore Size	80 mm
Size (mm)	80x170x39
Bore Type	Cylindrical Bore
Enclosure	Single Shield with Snap Ring
Width (mm)	39
Configuration	Single Row

Bearing number	6316ZNR
Snap Ring Width	3.1 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
Snap Ring Outside Diameter	182.9 mm
(Grease) Lubrication Speed	3800 r/min
Basic static load rating (C0)	86,5 kN
Basic dynamic load rating (C)	123 kN