



## Bearing No. 6318ZNR

a	5.69 mm
f	3.1 mm
b	3.5 mm
d	90 mm
D	190 mm
B	43 mm
C	43 mm
r1	0.5 mm
D2	202.9 mm
D1	183.64 mm
Width	43 mm
Weight	4.91 Kg
r min.	3 mm
b (min)	3.5 mm
r1 min.	0.5 mm
a (max)	5.7 mm
Cy (max)	8.4 mm
D1 (max)	183.6 mm
ra (max)	2.5 mm
Da (max)	176 mm
da (min)	104 mm
Dx (min)	205 mm
Factor fo	13.3
Bore Size	90 mm
Size (mm)	90x190x43
Bore Type	Cylindrical Bore
Enclosure	Single Shield with Snap Ring
Width (mm)	43
Configuration	Single Row

Bearing number	6318ZNR
Snap Ring Width	3.1 mm
Outside Diameter	190 mm
Radial Clearance	0.012 to 0.036 mm
Static Load Rating	107,000 N
Bore Diameter (mm)	90
Dynamic Load Rating	143,000 N
Outer Diameter (mm)	190
Limiting Speed - Oil	4,300 rpm
Fillet Radius/Chamfer	3 mm
Limiting Speed - Grease	3,600 rpm
Snap Ring Outside Diameter	202.9 mm
(Grease) Lubrication Speed	3400 r/min
Basic static load rating (C0)	107 kN
Basic dynamic load rating (C)	143 kN