



Bearing No. 6318NR

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

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