



Bearing No. 6318N

D	190 mm
d	90 mm
B	43 mm
C	43 mm
a	5.69 mm
b	3.5 mm
r1	0.5 mm
D1	183.64 mm
Width	43 mm
Weight	4.91 Kg
r min.	3 mm
r1 min.	0.5 mm
a (max)	5.7 mm
da (min)	104 mm
Cy (max)	8.4 mm
Da (max)	176 mm
Dx (min)	205 mm
ra (max)	2.5 mm
Factor fo	13.3
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	90x190x43
Bore Size	90 mm
Width (mm)	43
Groove Width	3.5 mm
Configuration	Single Row
Bearing number	6318N
Groove Diameter	183.6 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
(Grease) Lubrication Speed	3400 r/min
Basic static load rating (C0)	107 kN
Basic dynamic load rating (C)	143 kN