



Bearing No. 6310N

D	110 mm
d	50 mm
B	27 mm
C	27 mm
a	3.28 mm
b	2.7 mm
r1	0.5 mm
D1	106.81 mm
Width	27 mm
Weight	1.07 Kg
r min.	2 mm
r1 min.	0.5 mm
a (max)	3.3 mm
da (min)	60 mm
Cy (max)	5.4 mm
Da (max)	100 mm
Dx (min)	118 mm
ra (max)	2 mm
Factor fo	13.1
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	50x110x27
Bore Size	50 mm
Width (mm)	27
Groove Width	2.7 mm
Configuration	Single Row
Bearing number	6310N
Groove Diameter	106.8 mm
Outside Diameter	110 mm
Radial Clearance	0.006 to 0.023 mm

Static Load Rating	38,100 N
Bore Diameter (mm)	50
Dynamic Load Rating	62,000 N
Outer Diameter (mm)	110
Limiting Speed - Oil	7,500 rpm
Fillet Radius/Chamfer	2 mm
Limiting Speed - Grease	6,400 rpm
(Grease) Lubrication Speed	6200 r/min
Basic static load rating (C0)	38,1 kN
Basic dynamic load rating (C)	62 kN