



Bearing No. 6810N

D	65 mm
d	50 mm
B	7 mm
C	7 mm
a	1.3 mm
b	0.95 mm
r1	0.3 mm
D1	63.7 mm
Width	7 mm
Weight	0.054 Kg
r min.	0.3 mm
r1 min.	0.3 mm
a (max)	1.3 mm
da (min)	52 mm
Cy (max)	1.8 mm
Da (max)	63 mm
Dx (min)	68.5 mm
ra (max)	0.3 mm
Factor fo	16.1
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	50x65x7
Bore Size	50 mm
Width (mm)	7
Groove Width	1 mm
Configuration	Single Row
Bearing number	6810N
Groove Diameter	63.7 mm
Outside Diameter	65 mm
Radial Clearance	0.006 to 0.023 mm

Static Load Rating	5,800 N
Bore Diameter (mm)	50
Dynamic Load Rating	6,400 N
Outer Diameter (mm)	65
Limiting Speed - Oil	12,000 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	10,000 rpm
(Grease) Lubrication Speed	10000 r/min
Basic static load rating (C0)	5,8 kN
Basic dynamic load rating (C)	6,4 kN