



**Bearing No. 6812N**

D	78 mm
d	60 mm
B	10 mm
C	10 mm
a	1.7 mm
b	1.3 mm
r1	0.3 mm
D1	76.2 mm
Width	10 mm
Weight	0.110 Kg
r min.	0.3 mm
r1 min.	0.3 mm
a (max)	1.7 mm
da (min)	62 mm
Cy (max)	2.5 mm
Da (max)	76 mm
Dx (min)	84 mm
ra (max)	0.3 mm
Factor fo	16.3
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	60x78x10
Bore Size	60 mm
Width (mm)	10
Groove Width	1.3 mm
Configuration	Single Row
Bearing number	6812N
Groove Diameter	76.2 mm
Outside Diameter	78 mm
Radial Clearance	0.008 to 0.028 mm

Static Load Rating	10,600 N
Bore Diameter (mm)	60
Dynamic Load Rating	11,500 N
Outer Diameter (mm)	78
Limiting Speed - Oil	9,500 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	8,000 rpm
(Grease) Lubrication Speed	8000 r/min
Basic static load rating (C0)	10,6 kN
Basic dynamic load rating (C)	11,5 kN