



## Bearing No. 6806NR

f	0.85 mm
a	1.3 mm
b	0.95 mm
d	30 mm
D	42 mm
B	7 mm
C	7 mm
D2	44.8 mm
D1	40.7 mm
r1	0.3 mm
Width	7 mm
r min.	0.3 mm
Weight	0.027 Kg
r1 min.	0.3 mm
b (min)	1 mm
a (max)	1.3 mm
Da (max)	40 mm
Dx (min)	45.5 mm
ra (max)	0.3 mm
da (min)	32 mm
D1 (max)	40.7 mm
Cy (max)	1.8 mm
Factor fo	16.4
Enclosure	Snap Ring Groove with Snap Ring
Bore Size	30 mm
Size (mm)	30x42x7
Bore Type	Cylindrical Bore
Width (mm)	7
Configuration	Single Row

Bearing number	6806NR
Snap Ring Width	0.9 mm
Radial Clearance	0.005 to 0.020 mm
Outside Diameter	42 mm
Static Load Rating	3,800 N
Bore Diameter (mm)	30
Outer Diameter (mm)	42
Dynamic Load Rating	5,350 N
Limiting Speed - Oil	18,000 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	15,000 rpm
(Grease) Lubrication Speed	15000 r/min
Snap Ring Outside Diameter	44.8 mm
Basic static load rating (C0)	3,8 kN
Basic dynamic load rating (C)	5,35 kN