



**Bearing No. 6805NR**

f	0.85 mm
a	1.3 mm
b	0.95 mm
d	25 mm
D	37 mm
B	7 mm
C	7 mm
D2	39.8 mm
D1	35.7 mm
r1	0.3 mm
Width	7 mm
r min.	0.3 mm
Weight	0.023 Kg
r1 min.	0.3 mm
b (min)	1 mm
a (max)	1.3 mm
Da (max)	35 mm
Dx (min)	40.5 mm
ra (max)	0.3 mm
da (min)	27 mm
D1 (max)	35.7 mm
Cy (max)	1.8 mm
Factor fo	16.0
Enclosure	Snap Ring Groove with Snap Ring
Bore Size	25 mm
Size (mm)	25x37x7
Bore Type	Cylindrical Bore
Width (mm)	7
Configuration	Single Row

Bearing number	6805NR
Snap Ring Width	0.9 mm
Radial Clearance	0.005 to 0.020 mm
Outside Diameter	37 mm
Static Load Rating	2,940 N
Bore Diameter (mm)	25
Outer Diameter (mm)	37
Dynamic Load Rating	4,300 N
Limiting Speed - Oil	22,000 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	18,000 rpm
(Grease) Lubrication Speed	18000 r/min
Snap Ring Outside Diameter	39.8 mm
Basic static load rating (C0)	2,94 kN
Basic dynamic load rating (C)	4,3 kN