



Bearing No. 6807NR

f	0.85 mm
a	1.3 mm
b	0.95 mm
d	35 mm
D	47 mm
B	7 mm
C	7 mm
D2	49.8 mm
D1	45.7 mm
r1	0.3 mm
Width	7 mm
r min.	0.3 mm
Weight	0.030 Kg
r1 min.	0.3 mm
b (min)	1 mm
a (max)	1.3 mm
Da (max)	45 mm
Dx (min)	50.5 mm
ra (max)	0.3 mm
da (min)	37 mm
D1 (max)	45.7 mm
Cy (max)	1.8 mm
Factor fo	16.4
Enclosure	Snap Ring Groove with Snap Ring
Bore Size	35 mm
Size (mm)	35x47x7
Bore Type	Cylindrical Bore
Width (mm)	7
Configuration	Single Row

Bearing number	6807NR
Snap Ring Width	0.9 mm
Radial Clearance	0.006 to 0.020 mm
Outside Diameter	47 mm
Static Load Rating	3,800 N
Bore Diameter (mm)	35
Outer Diameter (mm)	47
Dynamic Load Rating	4,750 N
Limiting Speed - Oil	16,000 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	14,000 rpm
(Grease) Lubrication Speed	13000 r/min
Snap Ring Outside Diameter	49.8 mm
Basic static load rating (C0)	3,8 kN
Basic dynamic load rating (C)	4,75 kN