



Bearing No. 6903NR

f	0.85 mm
a	1.3 mm
b	0.95 mm
d	17 mm
D	30 mm
B	7 mm
C	7 mm
D2	32.8 mm
D1	28.7 mm
r1	0.3 mm
Width	7 mm
r min.	0.3 mm
Weight	0.019 Kg
r1 min.	0.3 mm
b (min)	1 mm
a (max)	1.3 mm
Da (max)	28 mm
Dx (min)	33.5 mm
ra (max)	0.3 mm
da (min)	19 mm
D1 (max)	28.7 mm
Cy (max)	1.8 mm
Factor fo	14.7
Enclosure	Snap Ring Groove with Snap Ring
Bore Size	17 mm
Size (mm)	17x30x7
Bore Type	Cylindrical Bore
Width (mm)	7
Configuration	Single Row

Bearing number	6903NR
Snap Ring Width	0.9 mm
Radial Clearance	0.003 to 0.018 mm
Outside Diameter	30 mm
Static Load Rating	2,550 N
Bore Diameter (mm)	17
Outer Diameter (mm)	30
Dynamic Load Rating	4,600 N
Limiting Speed - Oil	29,000 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	24,000 rpm
(Grease) Lubrication Speed	24000 r/min
Snap Ring Outside Diameter	32.8 mm
Basic static load rating (C0)	2,55 kN
Basic dynamic load rating (C)	4,6 kN