



**Bearing No. 6914ZNR**

a	2.5 mm
f	1.12 mm
b	1.3 mm
d	70 mm
D	100 mm
B	16 mm
C	16 mm
r1	0.5 mm
D2	104.4 mm
D1	97.9 mm
Width	16 mm
Weight	0.332 Kg
r min.	1 mm
b (min)	1.3 mm
r1 min.	0.5 mm
a (max)	2.5 mm
Cy (max)	3.3 mm
D1 (max)	97.9 mm
ra (max)	1 mm
Da (max)	95 mm
da (min)	75 mm
Dx (min)	106 mm
Factor fo	16.3
Bore Size	70 mm
Size (mm)	70x100x16
Bore Type	Cylindrical Bore
Enclosure	Single Shield with Snap Ring
Width (mm)	16
Configuration	Single Row

Bearing number	6914ZNR
Snap Ring Width	1.1 mm
Outside Diameter	100 mm
Radial Clearance	0.010 to 0.030 mm
Static Load Rating	21,100 N
Bore Diameter (mm)	70
Dynamic Load Rating	23,700 N
Outer Diameter (mm)	100
Limiting Speed - Oil	7,700 rpm
Fillet Radius/Chamfer	1 mm
Limiting Speed - Grease	6,500 rpm
Snap Ring Outside Diameter	104.4 mm
(Grease) Lubrication Speed	6500 r/min
Basic static load rating (C0)	21,1 kN
Basic dynamic load rating (C)	23,7 kN