



**Bearing No. 6904N**

D	37 mm
d	20 mm
B	9 mm
C	9 mm
a	1.7 mm
b	0.95 mm
r1	0.3 mm
D1	35.7 mm
Width	9 mm
Weight	0.037 Kg
r min.	0.3 mm
r1 min.	0.3 mm
a (max)	1.7 mm
da (min)	22 mm
Cy (max)	2.3 mm
Da (max)	35 mm
Dx (min)	40.5 mm
ra (max)	0.3 mm
Factor fo	14.8
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	20x37x9
Bore Size	20 mm
Width (mm)	9
Groove Width	1 mm
Configuration	Single Row
Bearing number	6904N
Groove Diameter	35.7 mm
Outside Diameter	37 mm
Radial Clearance	0.005 to 0.020 mm

Static Load Rating	3,700 N
Bore Diameter (mm)	20
Dynamic Load Rating	6,350 N
Outer Diameter (mm)	37
Limiting Speed - Oil	23,000 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	19,000 rpm
(Grease) Lubrication Speed	19000 r/min
Basic static load rating (C0)	3,7 kN
Basic dynamic load rating (C)	6,35 kN