



Bearing No. 6918N

D	125 mm
d	90 mm
B	18 mm
C	18 mm
a	3.3 mm
b	1.3 mm
r1	0.5 mm
D1	122.6 mm
Width	18 mm
Weight	0.549 Kg
r min.	1.1 mm
r1 min.	0.5 mm
a (max)	3.3 mm
da (min)	96 mm
Cy (max)	4.1 mm
Da (max)	119 mm
Dx (min)	132 mm
ra (max)	1 mm
Factor fo	16.4
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	90x125x18
Bore Size	90 mm
Width (mm)	18
Groove Width	1.3 mm
Configuration	Single Row
Bearing number	6918N
Groove Diameter	122.6 mm
Outside Diameter	125 mm
Radial Clearance	0.012 to 0.036 mm

Static Load Rating	31,500 N
Bore Diameter (mm)	90
Dynamic Load Rating	33,000 N
Outer Diameter (mm)	125
Limiting Speed - Oil	6,000 rpm
Fillet Radius/Chamfer	1.1 mm
Limiting Speed - Grease	5,100 rpm
(Grease) Lubrication Speed	5000 r/min
Basic static load rating (C0)	31,5 kN
Basic dynamic load rating (C)	33 kN