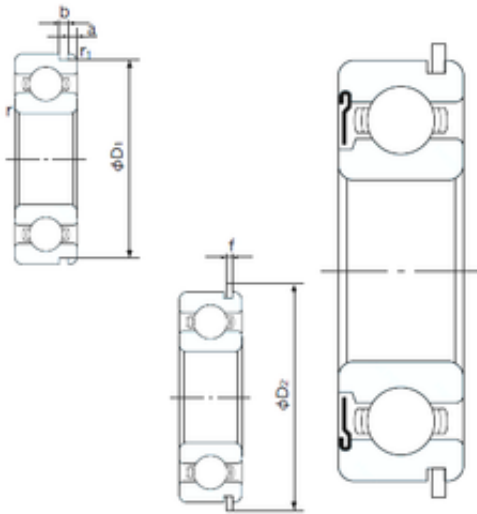




Bearing equipment manufacturing Co., Ltd



90 mm x 160 mm x 30 mm NACHI 6218ZNR
deep groove ball bearings

Bearing No. 6218ZNR

6218ZNR Bearing 2D drawings and 3D CAD models

Size	90x160x30 mm
Bore Diameter	90 mm
Outer Diameter	160 mm
Width	30 mm
d	90 mm
D	160 mm
B	30 mm
C	30 mm
a	4.9 mm
b	3.1 mm
f	2.82 mm
r min.	2 mm
r1 min.	0.5 mm
D1	155.22 mm
D2	169.7 mm
Weight	2.15 Kg
Basic dynamic load rating (C)	96 kN
Basic static load rating (C0)	71,5 kN
(Grease) Lubrication Speed	3900 r/min
Enclosure	Single Shield with Snap Ring
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	90 mm
Outside Diameter	160 mm
Width	30 mm



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Fillet Radius/Chamfer	2 mm
r1	0.5 mm
Snap Ring Width	2.8 mm
Snap Ring Outside Diameter	169.7 mm
D1 (max)	155.2 mm
a (max)	4.9 mm
b (min)	3.1 mm
Dynamic Load Rating	96,000 N
Static Load Rating	71,500 N
Limiting Speed - Grease	4,000 rpm
Limiting Speed - Oil	4,800 rpm
Factor fo	14.5
Radial Clearance	0.012 to 0.036 mm
da (min)	100 mm
Da (max)	150 mm
Dx (min)	172 mm
ra (max)	2 mm
Cy (max)	7.3 mm