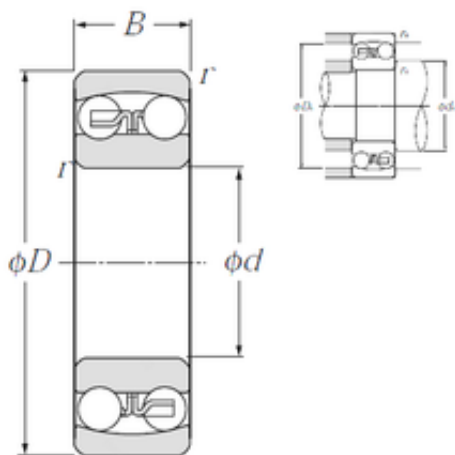




# NTN BEARING CORP.



## 90 mm x 160 mm x 40 mm NTN 2218S self aligning ball bearings

Bearing No. 2218S

Size	90x160x40 mm
Bore Diameter	90 mm
Outer Diameter	160 mm
Width	40 mm
d	90 mm
D	160 mm
B	40 mm
C	40 mm
r min.	2 mm
da min.	99 mm
Da max.	151 mm
ra max.	2 mm
Weight	3,13 Kg
Basic dynamic load rating (C)	70,5 kN
Basic static load rating (C0)	28,7 kN
(Grease) Lubrication Speed	3 600 r/min
(Oil) Lubrication Speed	4 300 r/min
Calculation factor (e)	0,27
Calculation factor (Y0)	2,5
Calculation factor (Y1)	2,4
rs min	2 mm
e	0.27
Y1	2.4
Y2	3.7
Y0	2.5

2218S Bearing 2D drawings and 3D CAD models



## NTN BEARING CORP.

Radial clearance class	CN
Precision class	P0
Mass	3.13 kg
Dynamic load, C	70.5 kN
Static load, C0	28.7 kN
Nlim (oil)	4,300 rpm
Nlim (grease)	3,600 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
da min	99 mm
Da max	151 mm
ra max	2 mm