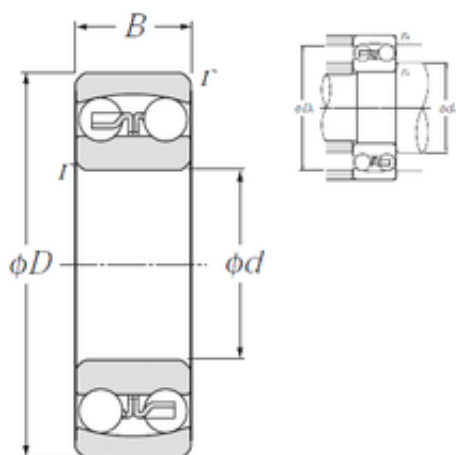




## BEARING USA CORP.



100 mm x 180 mm x 46 mm NTN 2220S self aligning ball bearings

Bearing No. 2220S

Size	100x180x46 mm
Bore Diameter	100 mm
Outer Diameter	180 mm
Width	46 mm
d	100 mm
D	180 mm
B	46 mm
C	46 mm
r min.	2,1 mm
da min.	111 mm
Da max.	169 mm
ra max.	2 mm
Weight	4,53 Kg
Basic dynamic load rating (C)	94,5 kN
Basic static load rating (C0)	38,5 kN
(Grease) Lubrication Speed	3 200 r/min
(Oil) Lubrication Speed	3 800 r/min
Calculation factor (e)	0,27
Calculation factor (Y0)	2,5
Calculation factor (Y1)	2,4
rs min	2.1 mm
e	0.27
Y1	2.4
Y2	3.7
Y0	2.5

2220S Bearing 2D drawings and 3D CAD models



## BEARING USA CORP.

Radial clearance class	CN
Precision class	P0
Mass	4.53 kg
Dynamic load, C	94.5 kN
Static load, C0	38.5 kN
Nlim (oil)	3,800 rpm
Nlim (grease)	3,200 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
da min	111 mm
Da max	169 mm
ra max	2 mm