



BEARINGS(UK)LTD.



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

Bearing No. 2220S

2220S Bearing 2D drawings and 3D CAD models

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



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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