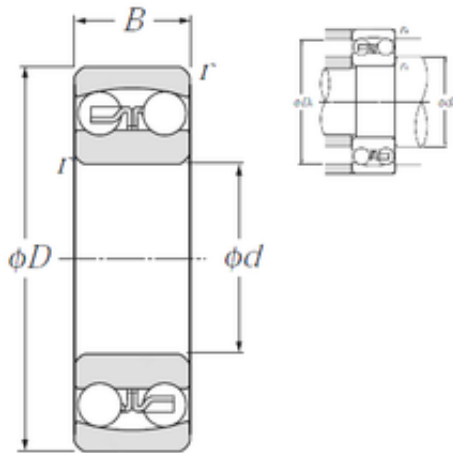




# NTN Machinery Manufacturing Co., Ltd



## 75 mm x 160 mm x 37 mm NTN 1315S self aligning ball bearings

Bearing No. 1315S

1315S Bearing 2D drawings and 3D CAD models

Size	75x160x37 mm
Bore Diameter	75 mm
Outer Diameter	160 mm
Width	37 mm
d	75 mm
D	160 mm
B	37 mm
C	37 mm
r min.	2,1 mm
da min.	86 mm
Da max.	149 mm
ra max.	2 mm
Weight	3,65 Kg
Basic dynamic load rating (C)	80 kN
Basic static load rating (C0)	30 kN
(Grease) Lubrication Speed	3 800 r/min
(Oil) Lubrication Speed	4 500 r/min
Calculation factor (e)	0,22
Calculation factor (Y0)	2,9
Calculation factor (Y1)	2,8
rs min	2.1 mm
e	0.22
Y1	2.8
Y2	4.4
Y0	2.9



## NTN Machinery Manufacturing Co., Ltd

Radial clearance class	CN
Precision class	P0
Mass	3.65 kg
Dynamic load, C	80 kN
Static load, C0	30 kN
Nlim (oil)	4,500 rpm
Nlim (grease)	3,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
da min	86 mm
Da max	149 mm
ra max	2 mm