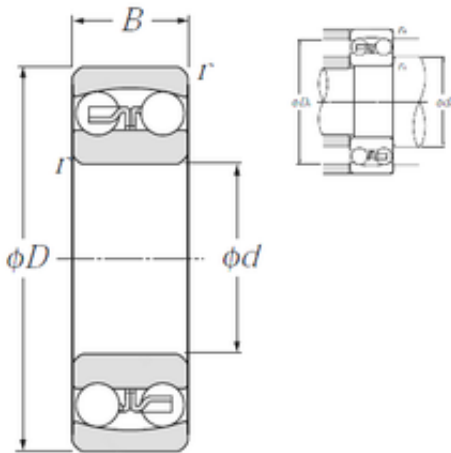




NTN BEARING CORP.



12 mm x 37 mm x 17 mm NTN 2301S self aligning ball bearings

Bearing No. 2301S

2301S Bearing 2D drawings and 3D CAD models

Size	12x37x17 mm
Bore Diameter	12 mm
Outer Diameter	37 mm
Width	17 mm
d	12 mm
D	37 mm
B	17 mm
C	17 mm
r min.	1 mm
da min.	17 mm
Da max.	32 mm
ra max.	1 mm
Weight	0,082 Kg
Basic dynamic load rating (C)	12,1 kN
Basic static load rating (C0)	2,73 kN
(Grease) Lubrication Speed	17 000 r/min
(Oil) Lubrication Speed	22 000 r/min
Calculation factor (e)	0,6
Calculation factor (Y0)	1,1
Calculation factor (Y1)	1,1
rs min	1 mm
e	0.6
Y1	1.1
Y2	1.6
Y0	1.1



NTN BEARING CORP.

Radial clearance class	CN
Precision class	P0
Mass	0.08 kg
Dynamic load, C	12.1 kN
Static load, C0	2.73 kN
Nlim (oil)	22,000 rpm
Nlim (grease)	17,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
da min	17 mm
Da max	32 mm
ra max	1 mm