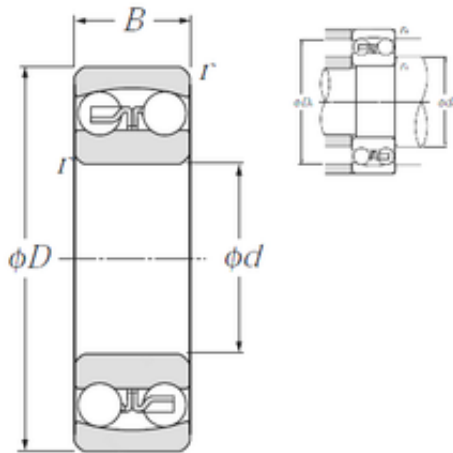




## BEARINGS(UK)LTD.



60 mm x 130 mm x 46 mm NTN 2312S Double row self aligning ball bearings

Bearing No. 2312S

2312S Bearing 2D drawings and 3D CAD models

|                               |              |
|-------------------------------|--------------|
| Size                          | 60x130x46 mm |
| Bore Diameter                 | 60 mm        |
| Outer Diameter                | 130 mm       |
| Width                         | 46 mm        |
| d                             | 60 mm        |
| D                             | 130 mm       |
| B                             | 46 mm        |
| C                             | 46 mm        |
| r min.                        | 2,1 mm       |
| da min.                       | 71 mm        |
| Da max.                       | 119 mm       |
| ra max.                       | 2 mm         |
| Weight                        | 2,57 Kg      |
| Basic dynamic load rating (C) | 88,5 kN      |
| Basic static load rating (C0) | 28,3 kN      |
| (Grease) Lubrication Speed    | 4 300 r/min  |
| (Oil) Lubrication Speed       | 5 300 r/min  |
| Calculation factor (e)        | 0,4          |
| Calculation factor (Y0)       | 1,6          |
| Calculation factor (Y1)       | 1,6          |
| rs min                        | 2.1 mm       |
| e                             | 0.4          |
| Y1                            | 1.6          |
| Y2                            | 2.4          |
| Y0                            | 1.6          |



## BEARINGS(UK)LTD.

|                                    |           |
|------------------------------------|-----------|
| Radial clearance class             | CN        |
| Precision class                    | P0        |
| Mass                               | 2.57 kg   |
| Dynamic load, C                    | 88.5 kN   |
| Static load, C0                    | 28.3 kN   |
| Nlim (oil)                         | 5,300 rpm |
| Nlim (grease)                      | 4,300 rpm |
| Min operating temperature,<br>Tmin | -20 ° C   |
| Max operating temperature,<br>Tmax | 120 ° C   |
| da min                             | 71 mm     |
| Da max                             | 119 mm    |
| ra max                             | 2 mm      |