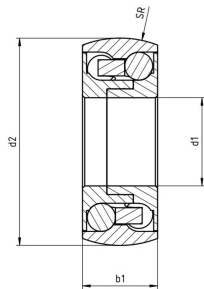
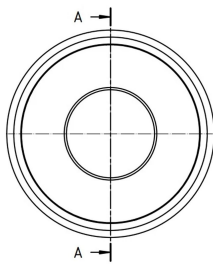


xiros® bearing insert, for UC housing, stainless steel balls

BB-6004SO-B180-30-ES-D



xiros® bearing insert, for UC housing, stainless steel balls

- For shafts Ø: 20, 25, 30 mm
- 1:1 replacement of metallic ball bearings in common UC pillow block bearings
- Very smooth running
- Operating temperature: -40 °C to +80 °C
- Housing material: cast steel
- Ring material: xirodur® B180
- Ball material: stainless steel

b1

17 mm

Product description

Introducing the xiros® bearing insert, designed for UC housing with stainless steel balls. This innovative solution allows you to enhance existing systems by replacing traditional metallic ball bearings with self-aligning plastic bearings. Enjoy double load support and a smooth running experience, all while being completely lubricant- and dirt-free. Suitable for shafts of 20, 25, and 30 mm, this bearing insert operates efficiently in temperatures ranging from -40 °C to +80 °C. Upgrade your performance today!

General chemical resistance

Alcohol	+ resistant
Greases, oils without additives	+ resistant
Hydrocarbons	+ resistant
Fuels	+ resistant
Strong alkalis	+ to 0 resistant to conditionally resistant
Strong acids	– non-resistant
Diluted alkalis	+ resistant
Diluted acids	0 to – conditionally to non-resistant



General properties

Ball material	Stainless steel
Density	1.42 g/cm³
Colour	White
Max. moisture absorption	0.2 Wt.- %
Max. total moisture absorption	0.7 Wt.- %
Weight	45.618 g
Pivoting	Yes

Mechanical properties

max. speed (rpm)	1200.0000
Modulus of elasticity	2500 MPa
Flexural strength (at 20°C/68°F)	68 MPa
Shore D hardness	77.0000

Requirements

Cover plate at both ends	Yes
Double row	Yes

Dimensions

size	6004
Ø d1	20 mm
Ø d2	47 mm
b1	17 mm

Certificates and standards

