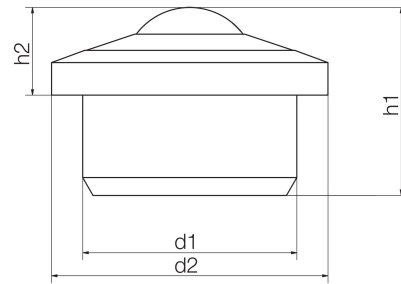


Metal-free xiros® ball transfer unit

BB-515-B180-POM-GL



Metal-free xiros® ball transfer unit

- Ball Ø: 15, 22 mm
- Extremely smooth running
- Housing material: xirodur® B180
- Ball material: POM + glass (in the housing)

h1	21 mm
h2	9.8 mm
Ø d2	31 mm
Ø d1	24 mm

Product description

Introducing the metal-free xiros® ball transfer unit, designed for sensitive industries where metal is not an option. This innovative unit features a POM ball bearing with glass support balls, ensuring extremely smooth operation and reduced friction. With a wear rate 20 times better than standard versions, it offers longer maintenance intervals and gentle goods handling. Completely lubrication-free, this unit promotes a clean and hygienic environment, making it the ideal choice for your conveyor technology needs.

Thermal properties

Max. long-term application temperature	80 °C
Lower application temperature	-40 °C

General properties

Density	1.42 g/cm³
Colour	White
Max. moisture absorption	0.2 Wt.-%
Max. total moisture absorption	0.7 Wt.-%
Weight	11.47 g
Roll material	POM

Mechanical properties

Max. axial static pressure load	80 N
Dynamic load capacity	80 N



Dimensions

Ø d1	24 mm
Ø d2	31 mm
h1	21 mm
h2	9.8 mm
Running ball diameter	15 mm
Hole tolerance	24H7
size	515