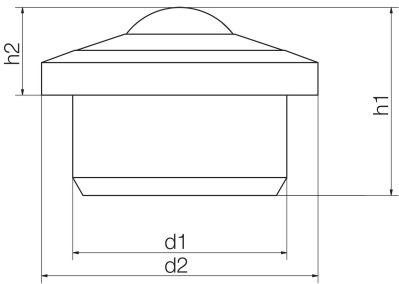


xiros® ball transfer unit with long service life

**BB-522-B180-ES-POM**



**xiros® ball transfer unit with long service life**

- Ball Ø: 15, 22 mm
- Long service life, smooth running
- Housing material: xirodur® B180
- Ball material: ES + POM (in the housing)

|             |        |
|-------------|--------|
| <b>h1</b>   | 30 mm  |
| <b>h2</b>   | 9.8 mm |
| <b>Ø d2</b> | 45 mm  |
| <b>Ø d1</b> | 36 mm  |

**Product description**

Introducing the xiros® ball transfer unit, designed for exceptional durability and smooth operation. This unit boasts a service life up to 30 times longer than standard versions, thanks to its stainless steel ball and POM support balls. With reduced friction for smoother running, it minimizes unplanned downtime, saving you time and money. Made from xirodur® B180, this unit is also completely lubrication-free, promoting sustainability. Experience the endurance and efficiency of the xiros® ball transfer unit.

**Thermal properties**

|                                               |        |
|-----------------------------------------------|--------|
| <b>Max. long-term application temperature</b> | 80 °C  |
| <b>Lower application temperature</b>          | -40 °C |

**General properties**

|                                       |                 |
|---------------------------------------|-----------------|
| <b>Density</b>                        | 1.42 g/cm³      |
| <b>Colour</b>                         | White           |
| <b>Max. moisture absorption</b>       | 0.2 Wt.-%       |
| <b>Max. total moisture absorption</b> | 0.7 Wt.-%       |
| <b>Weight</b>                         | 63.975 g        |
| <b>Roll material</b>                  | Stainless steel |

**Mechanical properties**

|                                        |       |
|----------------------------------------|-------|
| <b>Max. axial static pressure load</b> | 300 N |
| <b>Dynamic load capacity</b>           | 300 N |



Dimensions

|                       |        |
|-----------------------|--------|
| Ø d1                  | 36 mm  |
| Ø d2                  | 45 mm  |
| h1                    | 30 mm  |
| h2                    | 9.8 mm |
| Running ball diameter | 22 mm  |
| size                  | 522    |