



Order key

Type

Material

## BB-522 B -B180-POM



Ball material

POM : POM (ball)

Installation size 505(B)    Installation size 508, 505(B),  
512, 515(B), 522(B), 530B

- All-rounder for sensitive transportation
- 5XXB series suitable for overhead installation and lateral guidance

### Technical data and dimensions [mm]

| Installation size | Max. stat. load capacity axial [N] | Inner Ø |      | Height |     | Weight [g] | Part No.  |
|-------------------|------------------------------------|---------|------|--------|-----|------------|---|
|                   |                                    | d1      | d2   | h1     | h2  |            |   |
| 505               | 35                                 | 10.4    | 12.0 | 8.4    | 4.3 | 0.88       | BB-505-B180-POM   |
| 508               | 40                                 | 12.6    | 17.0 | 11.2   | 4.8 | 1.65       | BB-508-B180-POM <span style="color: orange;">New</span> |
| 512               | 60                                 | 18.0    | 23.0 | 15.4   | 7.4 | 4.69       | BB-512-B180-POM <span style="color: orange;">New</span> |
| 515               | 80                                 | 24.0    | 31.0 | 21.0   | 9.8 | 10.73      | BB-515-B180-POM   |
| 522               | 110                                | 36.0    | 45.0 | 30.0   | 9.8 | 28.80      | BB-522-B180-POM   |

### Technical data and dimensions [mm]

| Installation size | Max. stat. load capacity axial [N] | Inner Ø |      | Height |      | Weight [g] | Part No.         |
|-------------------|------------------------------------|---------|------|--------|------|------------|------------------|
|                   |                                    | d1      | d2   | h1     | h2   |            |                  |
| 505B              | 150                                | 10.4    | 12.0 | 8.4    | 4.3  | 0.92       | BB-505B-B180-POM |
| 515B              | 300                                | 24.0    | 31.0 | 21.0   | 9.8  | 11.19      | BB-515B-B180-POM |
| 522B              | 500                                | 36.0    | 45.0 | 30.0   | 9.8  | 29.97      | BB-522B-B180-POM |
| 530B              | 1000                               | 45.0    | 55.0 | 37.0   | 13.8 | 67.40      | BB-530B-B180-POM |



#### Recommended tolerances

We recommend the following hole tolerances for the ball transfer units housings:

Installation size    505 ▶ 10.40H7    515/515B ▶ 24H7    522/522B ▶ 36H7

In general: The height tolerance of all installation sizes is  $\pm 0.2\text{mm}$



#### Order example:

BB-505-B180-POM = Polymer ball transfer unit with housing material xirodur® B180 and POM ball



Available  
from stock