



Order key

Type

Material

BB-522B-B180-POM

Ball bearings

Type

New generation

Housing material

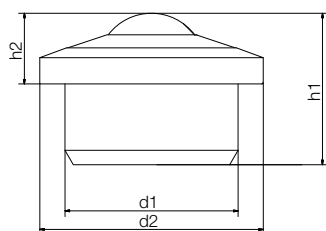
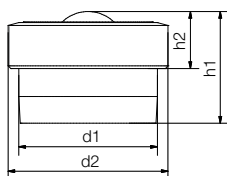
Ball transfer unit

Polymer ball transfer unit

POM = POM (ball transfer unit)

Option

B = New generation



BB-505(B)-B180-POM

BB-515(B)-B180-POM

BB-522(B)-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		
505	35	10.4	12.0	8.4	4.3	0.88	BB-505-B180-POM
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 New



Recommended tolerances

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

Installation size

505 ► 10.40mm H7

515/515A ► 24mm H7

522/522A ► 36mm H7

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 transfer unit

Available
from stock