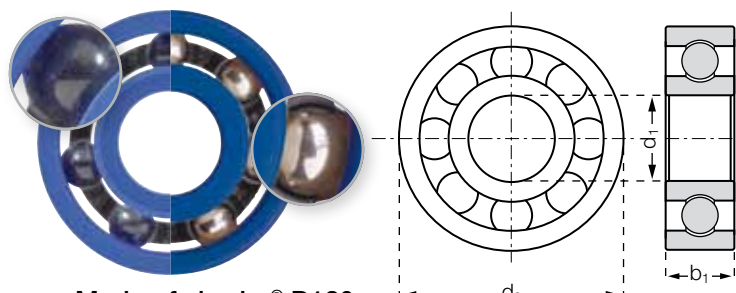


xirodur® D180 Polymer Ball Bearing | Product Range

Radial deep-groove ball bearings



Made of xirodur® D180

PA cage

glass-/stainless steel balls



+80 °C

-50 °C



Order key

BB-623-D180-10-ES

Ball material

GL = glass

ES = stainless steel

Cage material

10 = PA

Race material

D180 = xirodur® D180

Dimensions acc. to

DIN 625-1

Ball bearing

xiros® D180 polymer ball bearings made of the newly developed material xirodur® D180 are specially suitable for high rotating speeds. They are extremely wear resistant and achieve a very high lifetime.

- Lubrication- and maintenance-free
- For high rotation speeds
- Long service-life – up to 4 times better than xirodur® B180
- Low weight
- Temperature range up to +80 °C

Dimensions [mm]

Part number		Race	Cage	Ball	Inner-Ø d1	Outer-Ø d2	Width b1
BB-623-D180-10-ES	New!	D180	PA	1.4401	3	10	4
BB-626-D180-10-ES*	New!	D180	PA	1.4401	6	19	6
BB-608-D180-10-ES*	New!	D180	PA	1.4401	8	22	7
BB-6000-D180-10-ES	New!	D180	PA	1.4401	10	26	8
BB-623-D180-10-GL	New!	D180	PA	Glas	3	10	4
BB-626-D180-10-GL*	New!	D180	PA	Glas	6	19	6
BB-608-D180-10-GL*	New!	D180	PA	Glas	8	22	7
BB-6000-D180-10-GL	New!	D180	PA	Glas	10	26	8

Technical Data

Part number		Max. static bearing load axial [N]	Static bearing load [N]	Dynamic bearing load [N]	Max. speed [U/min]	Weight [g]
BB-623-D180-10-ES	New!	0	2	12	5,000	0.4
BB-626-D180-10-ES*	New!	0	13	30	4,500	2.0
BB-608-D180-10-ES*	New!	0	20	42	4,300	3.7
BB-6000-D180-10-ES	New!	0	26	55	4,200	6.1
BB-623-D180-10-GL	New!	0	2	12	5,000	0.3
BB-626-D180-10-GL*	New!	0	13	30	4,500	1.6
BB-608-D180-10-GL*	New!	0	20	42	4,300	2.4
BB-6000-D180-10-GL	New!	0	26	55	4,200	3.9



delivery available from stock
time * on request



prices price list online
www.igus.eu/eu/xirodur-D180