

xirodur® F180 Polymer Ball Bearing | Product Range

Radial deep-groove ball bearings



Made of xirodur® F180

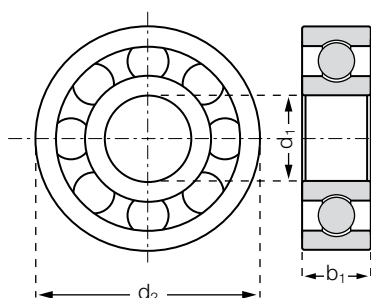
PA cage

stainless steel balls



+80 °C

-50 °C



Order key

BB-623-F180-10-ES



Ball material

GL = glass

ES = stainless steel

Cage material

10 = PA

Race material

F180 = xirodur® F180

Dimensions acc. to

DIN 625-1

Ball bearing

xiros® F180 polymer ball bearings offer protection against electrostatic discharge. In this type with ESD protection (Electro Static Discharge), the new ball bearing material xirodur® F180 is used. It resists to temperatures up to +80 °C and offers a high lifetime.

- Lubrication- and maintenance-free
- Electrically conductive (ESD Protection)
- Cost-effective
- Low weight

Dimensions [mm]

Part number		Race	Cage	Ball	Inner-Ø d1	Outer-Ø d2	Width b1
BB-623-F180-10-ES	New!	F180	PA	1.4401	3	10	4
BB-626-F180-10-ES*	New!	F180	PA	1.4401	6	19	6
BB-608-F180-10-ES*	New!	F180	PA	1.4401	8	22	7
BB-6000-F180-10-ES	New!	F180	PA	1.4401	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-F180-10-ES	New!	10	18	22	4,600	0.4
BB-626-F180-10-ES*	New!	50	43	65	2,500	2.1
BB-608-F180-10-ES*	New!	69	58	82	2,300	3.8
BB-6000-F180-10-ES	New!	80	71	105	2,000	5.9



delivery available from stock
time * on request



prices price list online
www.igus.eu/eu/xirodur-F180