

xirodur® C160 Polymer Ball Bearings | Product Range

Radial deep-groove ball bearings



Made of xirodur® C160

PP-Cage

glass-/stainless steel balls



+80 °C

0 °C



Order key

BB-623-C160-20-GL

Ball material

GL = glass

ES = stainless steel

Cage material

20 = PP

Race material

C160 = xirodur® C160

Dimensions acc. to

DIN 625-1

Ball bearing

The ball bearing material xirodur® C160 is cost-effective and very resistant to chemicals. xirodur® C160 can be used with temperatures up to +80 °C.

- Lubrication- and maintenance-free
- Corrosion and chemical resistant

- Non-magnetic and washable
- Predictable lifetime
- Low weight
- Low friction
- Electrically insulating

Dimensions [mm]

Part number	Race	Cage	Ball	Inner-Ø d1	Outer-Ø d2	Width b1
BB-623-C160-20-ES	C160	PP	1.4401	3	10	4
BB-626-C160-20-ES	C160	PP	1.4401	6	19	6
BB-608-C160-20-ES	C160	PP	1.4401	8	22	7
BB-6000-C160-20-ES	C160	PP	1.4401	10	26	8
BB-623-C160-20-GL	C160	PP	Glass	3	10	4
BB-626-C160-20-GL	C160	PP	Glass	6	19	6
BB-608-C160-20-GL	C160	PP	Glass	8	22	7
BB-6000-C160-20-GL	C160	PP	Glass	10	26	8

Technical Data

Part number	Max. static bearing load axial [N]	Static bearing load [N]	Dynamic bearing load [N]	Max. speed [rpm]	Weight [g]
BB-623-C160-20-ES	9	20	28	4,500	0.3
BB-626-C160-20-ES	30	40	56	2,600	2.1
BB-608-C160-20-ES	50	48	67	2,200	3.4
BB-6000-C160-20-ES	85	68	95	1,900	5.6
BB-623-C160-20-GL	9	20	28	4,500	0.3
BB-626-C160-20-GL	30	40	56	2,600	1.4
BB-608-C160-20-GL	50	48	67	2,200	2.2
BB-6000-C160-20-GL	85	68	95	1,900	3.5



delivery from stock
time



prices price list online

www.igus.eu/eu/xirodur-C160