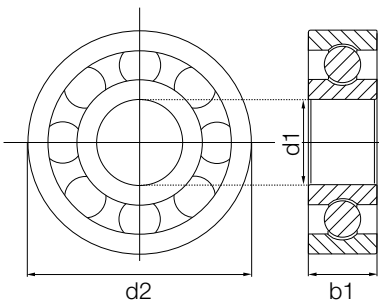




PP cage,
stainless steel
balls



PP cage,
glass balls



Order key

Type	Material
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BB-623-C160-20-ES

Ball bearings	Dimensions according to DIN 625-1	Race material	Cage material	Ball material
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Cage material
20 = PP
Options:
Ball material
ES = Stainless steel
GL = Glass

Technical data

Installation size	Radial load capacity		Max. speed	Weight	
	stat. [N]	dyn. [N]		PP/ES [g]	PP/GL [g]
623	10	11	4,000	0.35	0.26
624	12	13	3,650	–	–
625	20	22	3,100	–	0.21
635	30	31	2,900	1.76	1.03
626	30	34	2,600	2.15	1.43
636	40	42	2,050	2.06	–
627	40	43	2,000	–	–
688	20	21	2,750	1.06	0.24
608	40	46	2,200	3.37	2.21
628	57	61	1,800	–	–
638	60	62	1,670	6.27	4.10
629	60	63	1,680	–	–
6800	20	24	2,100	–	–
6000	60	65	1,700	5.48	3.33
6200	78	81	1,540	7.50	4.71
6801	30	32	1,920	0.84	0.92
6001	70	74	1,580	6.59	3.80
6201	80	83	1,260	–	–
6802	40	43	1,700	–	0.46
6002	80	85	1,500	5.72	4.86
6202	80	85	1,130	–	–
6803	50	51	1,650	–	–
6003	90	96	1,300	9.10	6.22
6203	140	142	1,010	–	–
6804	50	54	1,480	–	–



Order example:
BB-623-C160-20-ES = Radial deep groove ball bearing with race material xirodur® C160, PP cage and stainless steel balls

Dimensions [mm]

Inner Ø d1	Outer Ø d2	Width b1	Cage/ball material combination		Part No.
			PP/ES	PP/GL	
3	10	4	●	●	BB-623-C160-20-
4	13	5	●	●	BB-624-C160-20-
5	16	5	●	●	BB-625-C160-20-
5	19	6	●	●	BB-635-C160-20-
6	19	6	●	●	BB-626-C160-20-
6	22	7	●	●	BB-636-C160-20-
7	22	7	●	●	BB-627-C160-20-
8	16	5	●	●	BB-688-C160-20-
8	22	7	●	●	BB-608-C160-20-
8	24	8	●	●	BB-628-C160-20-
8	28	9	●	●	BB-638-C160-20-
9	26	8	●	●	BB-629-C160-20-
10	19	5	●	●	BB-6800-C160-20-
10	26	8	●	●	BB-6000-C160-20-
10	30	9	●	●	BB-6200-C160-20-
12	21	5	●	●	BB-6801-C160-20-
12	28	8	●	●	BB-6001-C160-20-
12	32	10	●	●	BB-6201-C160-20-
15	24	5	●	●	BB-6802-C160-20-
15	32	9	●	●	BB-6002-C160-20-
15	35	11	●	●	BB-6202-C160-20-
17	26	5	●	●	BB-6803-C160-20-
17	35	10	●	●	BB-6003-C160-20-
17	40	12	●	●	BB-6203-C160-20-
20	32	7	●	●	BB-6804-C160-20-



Available from stock
Upon request



3D CAD files, prices and delivery time online ► www.igus.sk/xiros 895

Technical data

Installation size	Radial load capacity		Max. speed	Weight	
	stat. [N]	dyn. [N]		PP/ES [g]	PP/GL [g]
6004	140	142	1,000	17.81	11.20
6204	140	145	950	22.85	4.89
6805	80	82	1,075	–	–
6005	140	151	960	20.63	13.29
6205	170	181	810	26.70	4.89

Dimensions [mm]

Inner Ø d1	Outer Ø d2	Width b1	Cage/ball material combination		Part No.
			PP/ES	PP/GL	
20	42	12	●	●	BB-6004-C160-20-
20	47	14	●	●	BB-6204-C160-20-
25	37	7	●	●	BB-6805-C160-20-
25	47	12	●	●	BB-6005-C160-20-
25	52	15	●	●	BB-6205-C160-20-

 Order example:
BB-6004-C160-20-ES = Radial deep groove ball bearing with race material xirodur® C160, PP cage and stainless steel balls

 Available from stock
Upon request



3D CAD files, prices and delivery time online ► www.igus.sk/xiros 897