

Principal dimensions (mm)			Basic load ratings (kN)		Pu	Speed ratings (rpm)		Weight(kg)	Designation		Dimensions (mm)						Abutment and fillet dimensions (mm)					
基本尺寸			基本额定负荷		疲劳负荷极限	额定转速		重量	型号		尺寸						安装尺寸					
d <sub>i</sub>	D	B	dyc Cr	stc Cor		Speed Ratings	Limiting Speed		通用轴承	轴承	d	d1	d2	D1	r <sub>1,2</sub> Min	r <sub>3,4</sub> Min	a	d <sub>e</sub> Min	Da Max	Db Max	ra Max	r <sub>1</sub> Max
			动态	静态											r <sub>1,2</sub> 最小	r <sub>3,4</sub> 最小		d <sub>e</sub> 最小	Da 最大	Db 最大	ra 最大	r <sub>1</sub> 最大
10	30	9	7.02	3.35	0.14	30000	30000	0.030	7200BECBP	7200BEP	10	18.3	14.6	22.9	0.6	0.3	13	14.2	25.8	27.6	0.6	0.3
12	32	10	7.61	3.8	0.16	26000	26000	0.036	7201BECBP	7201BEP	12	20.2	16.6	25	0.6	0.3	14.4	16.2	27.8	29.6	0.6	0.3
15	35	11	8.84	4.8	0.204	24000	24000	0.045	7202BECBP	7202BEP	15	22.7	19	27.8	0.6	0.3	16	19.2	30.8	32.6	0.6	0.3
17	40	12	11	5.85	0.25	22000	22000	0.064	7203BECBP	-	17	26.3	21.7	31.2	0.6	0.6	18	21.2	35.8	35.8	0.6	0.6
17	40	12	10.4	5.5	0.236	20000	20000	0.064	7203BECBP	7203BEP	17	26.3	21.7	31.2	0.6	0.6	18	21.2	35.8	35.8	0.6	0.6
17	40	12	11.1	6.1	0.26	20000	20000	0.064	7203BECBY	7203BEY	17	26.3	21.7	31.2	0.6	0.6	18	21.2	35.8	35.8	0.6	0.6
17	40	12	11	5.85	0.25	22000	22000	0.070	7203BECBM	-	17	26.3	21.7	31.2	0.6	0.6	18	21.2	35.8	35.8	0.6	0.6
20	47	14	14	8.3	0.355	18000	18000	0.11	7204BECBP	7204BEP	20	30.8	25.9	37	1	0.6	21	25.6	41.4	42.8	1	0.6
20	47	14	14	8.3	0.355	18000	18000	0.11	7204BECBY	-	20	30.8	25.9	37	1	0.6	21	25.6	41.4	42.8	1	0.6
20	47	14	13.3	7.65	0.325	18000	19000	0.11	7204BECBM	-	20	30.8	25.9	37	1	0.6	21	25.6	41.4	42.8	1	0.6
25	52	15	15.6	10	0.43	17000	17000	0.13	7205BECBP	-	25	36.1	30.9	41.5	1	0.6	23.7	30.6	46.4	47.8	1	0.6
25	52	15	14.8	9.3	0.4	15000	15000	0.13	7205BECBP	7205BEP	25	36.1	30.9	41.5	1	0.6	23.7	30.6	46.4	47.8	1	0.6
25	52	15	15.6	10.2	0.43	15000	15000	0.13	7205BECBY	7205BEY	25	36.1	30.9	41.5	1	0.6	23.7	30.6	46.4	47.8	1	0.6
25	52	15	15.6	10	0.43	17000	17000	0.14	7205BECBM	-	25	36.1	30.9	41.5	1	0.6	23.7	30.6	46.4	47.8	1	0.6
30	62	16	24	15.6	0.655	14000	14000	0.19	7206BECBP	-	30	42.7	36.1	50.1	1	0.6	27.3	35.6	56.4	57.8	1	0.6
30	62	16	22.5	14.3	0.61	13000	13000	0.19	7206BECBP	7206BEP	30	42.7	36.1	50.1	1	0.6	27.3	35.6	56.4	57.8	1	0.6
30	62	16	23.8	15.6	0.655	13000	13000	0.21	7206BECBY	7206BEY	30	42.7	36.1	50.1	1	0.6	27.3	35.6	56.4	57.8	1	0.6
30	62	16	24	15.6	0.655	14000	14000	0.21	7206BECBM	-	30	42.7	36.1	50.1	1	0.6	27.3	35.6	56.4	57.8	1	0.6
35	72	17	31	20.8	0.88	12000	12000	0.28	7207BECBP	-	35	49.7	42	58.3	1.1	0.6	31	42	65	67.8	1	0.6
35	72	17	29.1	19	0.815	11000	11000	0.28	7207BECBP	7207BEP	35	49.7	42	58.3	1.1	0.6	31	42	65	67.8	1	0.6
35	72	17	30.7	20.8	0.88	11000	11000	0.30	7207BECBY	7207BEY	35	49.7	42	58.3	1.1	0.6	31	42	65	67.8	1	0.6
35	72	17	31	20.8	0.88	12000	12000	0.30	7207BECBM	-	35	49.7	42	58.3	1.1	0.6	31	42	65	67.8	1	0.6
40	80	18	36.5	26	1.1	11000	11000	0.37	7208BECBP	-	40	56.3	48.1	65.6	1.1	0.6	34	47	73	75.8	1	0.6
40	80	18	34.5	24	1.02	10000	10000	0.37	7208BECBP	7208BEP	40	56.3	48.1	65.6	1.1	0.6	34	47	73	75.8	1	0.6
40	80	18	36.4	26	1.1	10000	10000	0.38	7208BECBY	7208BEY	40	56.3	48.1	65.6	1.1	0.6	34	47	73	75.8	1	0.6
40	80	18	36.5	26	1.1	11000	11000	0.39	7208BECBM	-	40	56.3	48.1	65.6	1.1	0.6	34	47	73	75.8	1	0.6
40	80	18	34.5	24	1.02	10000	10000	0.39	7208BECBM	7208BEM	40	56.3	48.1	65.6	1.1	0.6	34	47	73	75.8	1	0.6
45	85	19	38	28.5	1.22	10000	10000	0.42	7209BECBP	-	45	60.9	52.7	70.2	1.1	0.6	37	52	78	80.8	1	0.6
45	85	19	35.8	26	1.12	9000	9000	0.42	7209BECBP	7209BEP	45	60.9	52.7	70.2	1.1	0.6	37	52	78	80.8	1	0.6
45	85	19	37.7	28	1.2	9000	9000	0.43	7209BECBY	7209BEY	45	60.9	52.7	70.2	1.1	0.6	37	52	78	80.8	1	0.6
45	85	19	38	28.5	1.22	10000	10000	0.44	7209BECBM	-	45	60.9	52.7	70.2	1.1	0.6	37	52	78	80.8	1	0.6
50	90	20	40	31	1.32	9000	9000	0.47	7210BECBP	-	50	65.8	57.7	75.2	1.1	0.6	39	57	83	85.8	1	0.6
50	90	20	37.7	28.5	1.22	8500	8500	0.47	7210BECBP	7210BEP	50	65.8	57.7	75.2	1.1	0.6	39	57	83	85.8	1	0.6
50	90	20	39	30.5	1.29	8500	8500	0.47	7210BECBY	7210BEY	50	65.8	57.7	75.2	1.1	0.6	39	57	83	85.8	1	0.6
50	90	20	40	31	1.32	9000	9000	0.51	7210BECBM	-	50	65.8	57.7	75.2	1.1	0.6	39	57	83	85.8	1	0.6
55	100	21	48.8	38	1.63	7500	7500	0.62	7211BECBP	7211BEP	55	72.4	63.6	83.7	1.5	1	43	64	91	94	1.5	1
55	100	21	48.8	38	1.63	7500	7500	0.62	7211BECBY	7211BEY	55	72.4	63.6	83.7	1.5	1	43	64	91	94	1.5	1
55	100	21	46.2	36	1.53	7500	8000	0.66	7211BECBM	-	55	72.4	63.6	83.7	1.5	1	43	64	91	94	1.5	1
60	110	22	61	50	2.12	7500	7500	0.78	7212BECBP	-	60	79.6	69.3	91.55	1.5	1	47	69	101	104	1.5	1
60	110	22	57.2	45.5	1.93	7000	7000	0.83	7212BECBY	7212BEY	60	79.6	69.3	91.6	1.5	1	47	69	101	104	1.5	1
60	110	22	61	50	2.12	7500	7500	0.85	7212BECBM	-	60	79.6	69.3	91.6	1.5	1	47	69	101	104	1.5	1
65	120	23	66.3	54	2.28	6300	6300	1.00	7213BECBP	7213BEP	65	86.4	75.5	100	1.5	1	50	74	111	114	1.5	1
65	120	23	66.3	54	2.28	6300	6300	1.00	7213BECBY	7213BEY	65	86.4	75.5	100	1.5	1	50	74	111	114	1.5	1
65	120	23	66.3	54	2.28	6300	6700	1.10	7213BECBM	-	65	86.4	75.5	100	1.5	1	50	74	111	114	1.5	1
70	125	24	75	64	2.7	6300	6300	1.10	7214BECBP	-	70	91.5	80.3	104.8	1.5	1	53	79	116	119	1.5	1
70	125	24	71.5	60	2.5	6000	6000	1.10	7214BECBY	7214BEP	70	91.5	80.3	104.8	1.5	1	53	79	116	119	1.5	1
70	125	24	72	60	2.55	6300	6300	1.18	7214BECBM	-	70	91.5	80.3	104.8	1.5	1	53	79	116	119	1.5	1
75	130	25	72.8	64	2.65	5600	5600	1.18	7215BECBP	7215BEP	75	96.3	85.3	110.1	1.5	1	56	84	121	124	1.5	1
75	130	25	72.8	64	2.65	5600	5600	1.26	7215BECBY	-	75	96.3	85.3	110.1	1.5	1	56	84	121	124	1.5	1
75	130	25	70.2	60	2.5	5600	6000	1.29	7215BECBM	-	75	96.3	85.3	110.1	1.5	1	56	84	121	124	1.5	1
80	140	26	80.6	69.5	2.8	5300	5300	1.43	7216BECBP	7216BEP	80	103.6	91.4	117.9	2	1	59	91	129	134	2	1
80	140	26	83.2	73.5	3	5300	5300	1.58	7216BECBY	-	80	103.6	91.4	117.9	2	1	59	91	129	134	2	1
80	140	26	85	75	3.05	5600	5600	1.59	7216BECBM	-	80	103.6	91.4	117.9	2	1	59	91	129	134	2	1
85	150	28	95.6	83	3.25	5000	5000	1.83	7217BECBP	7217BEP	85	110.1	97	126.7	2	1	63	96	139	144	2	1
85	150	28	95.6	83	3.25	5000	5000	1.83	7217BECBY	-	85	110.1	97	126.7	2	1	63	96	139	144	2	1
85	150	28	95.6	83	3.25	5000	5300	1.99	7217BECBM	-	85	110.1	97	126.7	2	1	63	96	139	144	2	1
90	160	30	108	96.5	3.65	4500	4500	2.12	7218BECBP	7218BEP	90	117.1	103	134.8	2	1	67	101	149	154	2	1
90	160	30	108	96.5	3.65	4500	4500	2.34	7218BECBY	-	90	117.1	103	134.8	2	1	67	101	149	154	2	1
90	160	30	108	96.5	3.65	4500	4800	2.41	7218BECBM	-	90	117.1	103	134.8	2	1	67	101	149	154	2	1
95	170	32	129	118	4.4	4800	4800	2.68	7219BECBP	-	95	124.3	109.1	142.5	2.1	1.1	72	107	158	163	2	1
95	170	32	124	108	4	4300	4300	2.82	7219BECBY	-	95	124.3	109.1	142.5	2.1	1.1	72	107	158	163	2	1

100	180	34	135	122	4.4	4000	4300	3.61	7220BECBM	-	100	131	115.2	150.9	2.1	1.1	76	112	168	173	2	1
105	190	36	148	137	4.8	3800	3800	3.82	7221BECBP	7221BEP	105	138	121.2	159.1	2.1	1.1	80	117	178	183	2	1
105	190	36	148	137	4.8	3800	4000	4.18	7221BECBM	-	105	138	121.2	159.1	2.1	1.1	80	117	178	183	2	1
110	200	38	163	153	5.2	3600	3600	4.60	7222BECBP	7222BEP	110	144.9	127.1	167.4	2.1	1.1	84	122	188	193	2	1
110	200	38	163	153	5.2	3600	3600	4.75	7222BECBY	-	110	144.9	127.1	167.4	2.1	1.1	84	122	188	193	2	1
110	200	38	153	143	4.9	3600	3800	4.95	7222BECBM	7222BEM	110	144.9	127.1	167.4	2.1	1.1	84	122	188	193	2	1
120	215	40	165	163	5.3	3400	3600	5.89	7224BCBM	7224BM	120	157	138.6	179.4	2.1	1.1	90	132	203	208	2	1
130	230	40	186	193	6.1	3200	3400	6.76	7226BCBM	7226BM	130	169	149.6	192.6	3	1.1	96	144	216	222	2.5	1
140	250	42	199	212	6.4	2800	3000	8.63	7228BCBM	7228BM	140	183.3	163.6	209.5	3	1.1	103	154	236	243	2.5	1
150	270	45	216	240	6.95	2600	2800	10.8	7230BCBM	-	150	197.2	175.6	226	3	1.1	111	164	256	263	2.5	1
160	290	48	255	300	8.5	2400	2600	13.6	7232BCBM	-	160	211	187.6	242.3	3	1.1	118	174	276	283	2.5	1
170	310	52	281	345	9.5	2400	2400	16.7	7234BCBM	-	170	227.4	202	261	4	1.5	127	187	293	301	3	1.5
180	320	52	291	375	10	2200	2400	17.6	7236BCBM	-	180	234.9	209.6	268.8	4	1.5	131	197	303	311	3	1.5
190	340	55	307	405	10.4	2000	2200	21.9	7238BCBM	-	190	250.4	224.1	285.4	4	1.5	139	207	323	331	3	1.5
200	360	58	325	430	11	1800	2000	25.0	7240BCBM	-	200	263.3	235.1	300.8	4	1.5	146	217	343	351	3	1.5
220	400	65	390	560	13.4	1800	1800	35.2	7244BCBM	-	220	291.1	259.1	333.4	4	1.5	164	237	383	391	3	1.5
240	440	72	364	540	12.5	1600	1700	49.0	7248BCBM	-	240	322	292	361	4	1.5	180	257	423	431	3	1.5