

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 _i	D	B	dyc Cr	stc Cor			Speed Ratings			Limiting Speed	通用轴承	轴承	d	d1	d2	D1	r _{1,2} Min	r _{3,4} Min	a	d _a Min	Da Max	Db Max	ra Max
			动态	静态	r _{1,2} 最小	r _{3,4} 最小		d _a 最小	Da 最大					Db 最大	ra 最大	r _b 最大							
12	37	12	10.6	5	0.208	24000	24000	0.063	7301BECBP	7301BEP	12	21.8	17	28.3	1	0.6	16.3	17.6	31.4	32.8	1	0.6	
15	42	13	13	6.7	0.28	20000	20000	0.081	7302BECBP	7302BEP	15	26	20.7	32.6	1	0.6	18.6	20.6	36.4	37.8	1	0.6	
17	47	14	15.9	8.3	0.355	19000	19000	0.11	7303BECBP	7303BEP	17	28.7	22.8	36.2	1	0.6	20.4	22.6	41.4	42.8	1	0.6	
20	52	15	19	10	0.425	18000	18000	0.14	7304BECBP	-	20	33.3	26.8	40.4	1.1	0.6	22.8	27	45	47.8	1	0.6	
20	52	15	17.4	9.5	0.4	16000	16000	0.14	7304BECBP	7304BEP	20	33.3	26.8	40.4	1.1	0.6	22.8	27	45	47.8	1	0.6	
20	52	15	19	10.4	0.44	16000	16000	0.15	7304BECBY	7304BEY	20	33.3	26.8	40.4	1.1	0.6	22.8	27	45	47.8	1	0.6	
20	52	15	19	10	0.425	18000	18000	0.15	7304BECBM	-	20	33.3	26.8	40.4	1.1	0.6	22.8	27	45	47.8	1	0.6	
25	62	17	26.5	15.3	0.655	15000	15000	0.23	7305BECBP	-	25	39.8	32.4	48.1	1.1	0.6	26.8	32	55	57.8	1	0.6	
25	62	17	24.2	14	0.6	14000	14000	0.23	7305BECBP	7305BEP	25	39.8	32.4	48.1	1.1	0.6	26.8	32	55	57.8	1	0.6	
25	62	17	26	15.6	0.655	14000	14000	0.24	7305BECBY	7305BEY	25	39.8	32.4	48.1	1.1	0.6	26.8	32	55	57.8	1	0.6	
25	62	17	26.5	15.3	0.655	15000	15000	0.24	7305BECBM	-	25	39.8	32.4	48.1	1.1	0.6	26.8	32	55	57.8	1	0.6	
30	72	19	35.5	21.2	0.9	13000	13000	0.33	7306BECBP	-	30	46.6	37.9	56.5	1.1	0.6	31	37	65	67.8	1	0.6	
30	72	19	32.5	19.3	0.815	12000	12000	0.33	7306BECBP	7306BEP	30	46.6	37.9	56.5	1.1	0.6	31	37	65	67.8	1	0.6	
30	72	19	34.5	21.2	0.9	12000	12000	0.37	7306BECBY	7306BEY	30	46.6	37.9	56.5	1.1	0.6	31	37	65	67.8	1	0.6	
30	72	19	35.5	21.2	0.9	13000	13000	0.37	7306BECBM	-	30	46.6	37.9	56.5	1.1	0.6	31	37	65	67.8	1	0.6	
35	80	21	41.5	26.5	1.14	11000	11000	0.45	7307BECBP	-	35	52.8	43.6	63.3	1.5	1	35	44	71	74.4	1.5	1	
35	80	21	39	24.5	1.04	10000	10000	0.45	7307BECBP	7307BEP	35	52.8	43.6	63.3	1.5	1	35	44	71	74.4	1.5	1	
35	80	21	39	24.5	1.04	10000	10000	0.49	7307BECBY	7307BEY	35	52.8	43.6	63.3	1.5	1	35	44	71	74.4	1.5	1	
35	80	21	41.5	26.5	1.14	11000	11000	0.49	7307BECBM	-	35	52.8	43.6	63.3	1.5	1	35	44	71	74.4	1.5	1	
40	90	23	50	32.5	1.37	10000	10000	0.61	7308BECBP	-	40	59.7	49.6	71.6	1.5	1	39	49	81	84.4	1.5	1	
40	90	23	46.2	30.5	1.13	9000	9000	0.61	7308BECBP	7308BEP	40	59.7	49.6	71.6	1.5	1	39	49	81	84.4	1.5	1	
40	90	23	49.4	33.5	1.4	9000	9000	0.64	7308BECBY	7308BEY	40	59.7	49.6	71.6	1.5	1	39	49	81	84.4	1.5	1	
40	90	23	50	32.5	1.37	10000	10000	0.68	7308BECBM	-	40	59.7	49.6	71.6	1.5	1	39	49	81	84.4	1.5	1	
45	100	25	61	40.5	1.73	9000	9000	0.82	7309BECBP	-	45	66.5	55.3	79.8	1.5	1	43	54	91	94.4	1.5	1	
45	100	25	55.9	37.5	1.73	8000	8000	0.82	7309BECBP	7309BEP	45	66.5	55.3	79.8	1.5	1	43	54	91	94.4	1.5	1	
45	100	25	60.5	41.5	1.73	8000	8000	0.86	7309BECBY	7309BEY	45	66.5	55.3	79.8	1.5	1	43	54	91	94.4	1.5	1	
45	100	25	61	40.5	1.73	9000	9000	0.90	7309BECBM	-	45	66.5	55.3	79.8	1.5	1	43	54	91	94.4	1.5	1	
50	110	27	75	51	2.16	8000	8000	1.04	7310BECBP	-	50	73.8	61.1	88.8	2	1	47	61	99	104	2	1	
50	110	27	68.9	47.5	2	7500	7500	1.04	7310BECBP	7310BEP	50	73.8	61.1	88.8	2	1	47	61	99	104	2	1	
50	110	27	74.1	51	2.2	7500	7500	1.13	7310BECBY	7310BEY	50	73.8	61.1	88.8	2	1	47	61	99	104	2	1	
50	110	27	75	51	2.16	8000	8000	1.16	7310BECBM	-	50	73.8	61.1	88.8	2	1	47	61	99	104	2	1	
55	120	29	85	60	2.55	7000	7000	1.34	7311BECBP	-	55	80.3	66.7	96.6	2	1	51	66	109	114	2	1	
55	120	29	79.3	55	2.32	6700	6700	1.34	7311BEP	7311BEP	55	80.3	66.7	96.6	2	1	51	66	109	114	2	1	
55	120	29	85.2	60	2.55	6700	6700	1.48	7311BECBY	7311BEY	55	80.3	66.7	96.6	2	1	51	66	109	114	2	1	
55	120	29	85	60	2.55	7000	7000	1.49	7311BECBM	-	55	80.3	66.7	96.6	2	1	51	66	109	114	2	1	
60	110	22	57.2	45.5	1.93	7000	7000	0.78	7311BECBP	7311BEP	60	79.6	69.3	91.6	1.5	1	47	69	101	104	1.5	1	
60	130	31	104	76.5	3.2	6700	6700	1.71	7312BECBP	-	60	87.3	72.6	104.8	2.1	1.1	55	72	118	123	2	1	
60	130	31	95.6	69.5	3	6000	6000	1.71	7311BECBP	7311BEP	60	87.3	72.6	104.8	2.1	1.1	55	72	118	123	2	1	
60	130	31	95.6	69.5	3	6000	6000	1.75	7312BECBY	7312BEY	60	87.3	72.6	104.8	2.1	1.1	55	72	118	123	2	1	
60	130	31	104	76.5	3.2	6700	6700	1.88	7312BECBM	-	60	87.3	72.6	104.8	2.1	1.1	55	72	118	123	2	1	
60	130	31	95.6	69.5	3	6000	6300	1.88	7311BECBP	7311BEP	60	87.3	72.6	104.8	2.1	1.1	55	72	118	123	2	1	
65	140	33	116	86.5	3.65	6300	6300	2.10	7313BECBP	-	65	94.2	78.5	112.9	2.1	1.1	60	77	128	133	2	1	
65	140	33	108	80	3.35	5600	5600	2.15	7313BECBY	7313BEP	65	94.2	78.5	112.9	2.1	1.1	60	77	128	133	2	1	
65	140	33	116	86.5	3.65	6300	6300	2.31	7313BECBM	-	65	94.2	78.5	112.9	2.1	1.1	60	77	128	133	2	1	
70	150	35	127	98	3.9	5600	5600	2.55	7314BECBP	-	70	101.1	84.4	121	2.1	1.1	64	82	138	143	2	1	
70	150	35	119	90	3.65	5300	5300	2.67	7314BECBY	7314BEP	70	101.1	84.4	121	2.1	1.1	64	82	138	143	2	1	
70	150	35	127	98	3.9	5600	5600	2.83	7314BECBM	-	70	101.1	84.4	121	2.1	1.1	64	82	138	143	2	1	
75	160	37	132	104	4.15	5300	5300	3.06	7315BECBP	-	75	108.3	91.1	128.7	2.1	1.1	68	87	148	153	2	1	
75	160	37	125	98	3.8	5000	5000	3.06	7311BECBP	7311BEP	75	108.3	91.1	128.7	2.1	1.1	68	87	148	153	2	1	
75	160	37	133	106	4.15	5000	5000	3.20	7315BECBY	-	75	108.3	91.1	128.7	2.1	1.1	68	87	148	153	2	1	
75	160	37	132	104	4.15	5300	5300	3.26	7315BECBM	-	75	108.3	91.1	128.7	2.1	1.1	68	87	148	153	2	1	
80	170	39	143	118	4.5	5000	5000	3.64	7316BECBP	-	80	115.2	97.1	136.8	2.1	1.1	72	92	158	163	2	1	
80	170	39	135	110	4.15	4500	4500	3.64	7317BECBP	7317BEP	80	115.2	97.1	136.8	2.1	1.1	72	92	158	163	2	1	
80	170	39	143	118	4.5	4500	4500	3.70	7316BECBY	7316BEY	80	115.2	97.1	136.8	2.1	1.1	72	92	158	163	2	1	
80	170	39	143	118	4.5	5000	5000	4.03	7316BECBM	-	80	115.2	97.1	136.8	2.1	1.1	72	92	158	163	2	1	
80	170	39	135	110	4.15	4500	4800	3.80	7317BECBP	7317BEP	80	115.2	97.1	136.8	2.1	1.1	72	92	158	163	2	1	
85	180	41	156	132	4.9	4800	4800	4.26	7317BECBP	-	85	122.3	103	145	3	1.1	76	99	166	173	2.5	1	
85	180	41	146	112	4.5	4300	4300	4.26	7317BECBP	7317BEP	85	122.3	103	145	3	1.1	76	99	166	173	2.5	1	

85	180	41	153	132	4.9	4300	4300	4.59	7317BECBY	-	85	122.3	103	145	3	1.1	76	99	166	173	2.5	1
85	180	41	156	132	4.9	4800	4800	4.74	7317BECBM	-	85	122.3	103	145	3	1.1	76	99	166	173	2.5	1
85	180	41	146	112	4.5	4300	4500	4.74	7317BECBP	7317BEP	85	122.3	103	145	3	1.1	76	99	166	173	2.5	1
90	190	43	166	146	5.3	4500	4500	4.98	7318BECBP	-	90	129.2	109	153.1	3	1.1	80	104	176	183	2.5	1
90	190	43	156	134	4.8	4000	4000	4.98	7317BECBP	7317BEP	90	129.2	109	153.1	3	1.1	80	104	176	183	2.5	1
90	190	43	165	146	5.2	4000	4000	5.22	7318BECBY	-	90	129.2	109	153.1	3	1.1	80	104	176	183	2.5	1
90	190	43	166	146	5.3	4500	4500	5.53	7318BECBM	-	90	129.2	109	153.1	3	1.1	80	104	176	183	2.5	1
90	190	43	156	134	4.8	4000	4300	5.53	7317BECBP	7317BEP	90	129.2	109	153.1	3	1.1	80	104	176	183	2.5	1
95	170	32	124	108	4	4300	4300	2.68	7317BECBP	7317BEP	95	124.3	109.1	142.5	2.1	1.1	72	107	158	163	2	1
95	200	45	180	163	5.7	4300	4300	5.77	7319BECBP	-	95	136.2	114.9	161.3	3	1.1	84	109	186	193	2.5	1
95	200	45	168	150	5.2	3800	3800	5.77	7317BECBP	7317BEP	95	136.2	114.9	161.3	3	1.1	84	109	186	193	2.5	1
95	200	45	178	163	5.6	3800	3800	6.17	7319BECBY	-	95	136.2	114.9	161.3	3	1.1	84	109	186	193	2.5	1
95	200	45	180	163	5.7	4300	4300	6.41	7319BECBM	-	95	136.2	114.9	161.3	3	1.1	84	109	186	193	2.5	1
95	200	45	168	150	5.2	3800	4000	6.41	7317BECBP	7317BEP	95	136.2	114.9	161.3	3	1.1	84	109	186	193	2.5	1
100	215	47	216	208	6.95	4000	4000	7.17	7320BECBP	-	100	144.5	120.5	173.4	3	1.1	90	114	201	-	2.5	-
100	215	47	203	190	6.4	3600	3600	7.17	7317BECBP	7317BEP	100	144.5	120.5	173.4	3	1.1	90	114	201	208	2.5	1
100	215	47	203	190	6.4	3600	3600	7.15	7320BECBY	7320BEY	100	144.5	120.5	173.4	3	1.1	90	114	201	208	2.5	1
100	215	47	216	208	6.95	4000	4000	8.00	7320BECBM	-	100	144.5	120.5	173.4	3	1.1	90	114	201	-	2.5	-
100	215	47	203	190	6.4	3600	3800	8.00	7317BECBP	7317BEP	100	144.5	120.5	173.4	3	1.1	90	114	201	208	2.5	1
105	225	49	212	208	6.95	3400	3400	8.46	7321BECBP	7321BEP	105	151.7	127.9	181.4	3	1.1	94	119	211	218	2.5	1
105	225	49	203	193	6.4	3400	3600	9.12	7321BECBM	-	105	151.7	127.9	181.4	3	1.1	94	119	211	218	2.5	1
110	240	50	225	224	7.2	3200	3200	9.69	7322BECBP	7322BEP	110	160.8	135	193.5	3	1.1	99	124	226	233	2.5	1
110	240	50	225	224	7.2	3200	3200	9.69	7322BECBY	7322BEY	110	160.8	135	193.5	3	1.1	99	124	226	233	2.5	1
110	240	50	225	224	7.2	3200	3400	10.7	7322BECBM	7322BEM	110	160.8	135	193.5	3	1.1	99	124	226	233	2.5	1
120	260	55	238	250	7.65	3000	3200	13.8	7324BCBM	-	120	178.4	153.9	211	3	1.5	107	134	246	253	2.5	1
130	280	58	296	305	9	2800	2800	17.1	7326BCBM	7326BM	130	189.9	161.4	227.5	4	1.5	115	147	263	271	3	1.5
140	300	62	302	345	9.8	2600	2600	21.3	7328BCBM	-	140	203	172.2	243	4	1.5	123	157	283	291	3	1.5
150	320	65	332	390	10.8	2400	2400	25.0	7330BCBM	-	150	216.1	183.9	258.7	4	1.5	131	167	303	311	3	1.5
170	360	72	390	490	12.7	2000	2200	34.6	7334BCBM	-	170	243.8	207.9	292	4	2	147	187	343	351	3	1.5
180	380	75	410	540	13.7	2000	2000	40.0	7336BCBM	-	180	257.7	219.8	308	4	2	156	197	363	369	3	2
190	400	78	442	600	14.6	1900	1900	48.3	7338BCBM	-	190	271.6	231.8	324.3	5	2	164	210	380	389	4	2
200	420	80	462	655	15.6	1800	1800	52.8	7340BCBM	-	200	287	247	339.5	5	2	170	220	400	409	4	2