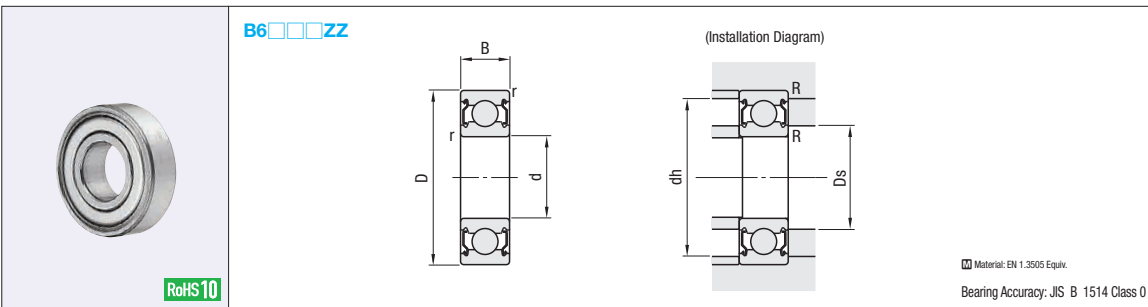


Deep Groove Ball Bearings
Double Shielded

This product can be used even when heavy load, high rotation speed, and high rotational accuracy are required. See P992 for the C-VALUE Product of this item.



For details on the tolerance and allowable values of inner and outer rings, see P2243

Part Number	d	D	B	r (min)	Basic Load Rating		Allowable Rotational Speed rpm (Reference)	Relative Dimensions				Mass (g) (Reference)	Unit Price
					Cr (Dynamic) kN	Cor (Static) kN		Ds (min)	Ds (max)	dh (max)	R (max)		
B6700ZZ	10	15	4	0.2	0.85	0.43	15000	10.4	11.21	14.2	0.2	2	
B6800ZZ		19	5		1.72	0.84	34000		12.5	17		5	
B6900ZZ		22	6	0.3	2.7	1.27	32000	12	13	20	0.3	9	
B6000ZZ		26	8		4.55	1.96	30000		13.5	24		19	
B6200ZZ		30	9	0.6	5.1	2.39	24000	14	16	26	0.6	32	
B6300ZZ	12	35	11		8.6	3.45	21000		16.5	31		52	
B6701ZZ		18	4	0.2	0.92	0.53	13000	12.4	13.86	16.7	0.2	3	
B6801ZZ		21	5		1.92	1.04	32000		14.5	19		6	
B6901ZZ		24	6	0.3	2.89	1.46	30000	14	15	22	0.3	11	
B6001ZZ		28	8		5.1	2.39	27000		16	26		21	
B6201ZZ	15	32	10	0.6	6.8	3.05	22000	16	17	28	0.6	37	
B6301ZZ		37	12	1	10.3	4.2	19000	17	18	32	1.0	60	
B6702ZZ		21	4	0.2	0.93	0.58	11000	15.4	16.86	19.7	0.2	4	
B6802ZZ		24	5		2.07	1.26	27000		17.5	22		7	
B6902ZZ		28	7	0.3	4.33	2.25	26000	17		26	0.3	16	
B6002ZZ	17	32	9		5.9	2.83	23000		19	30		30	
B6202ZZ		35	11	0.6	8.2	3.75	19000	19	20	31	0.6	45	
B6302ZZ		42	13	1	11.4	5.45	17000	20	22.5	37	1.0	83	
B6703ZZ		23	4	0.2	1	0.65	9500	17.4	18.86	21.1	0.2	4	
B6803ZZ		26	5		2.23	1.46	25000		19.5	24		8	
B6903ZZ	20	30	7	0.3	4.59	2.56	23000	19	20	28	0.3	18	
B6003ZZ		35	10		6.4	3.25	20000		21	33	0.3	39	
B6203ZZ		40	12	0.6	10.1	4.75	17000	21	23	36	0.6	66	
B6303ZZ		47	14	1	14.4	6.5	15000	22	25.5	42	1.0	113	
B6704ZZ		27	4	0.2	1.04	0.72	8500	20.4	22.36	25.5	0.2	6	
B6804ZZ	25	32	7	0.3	4	2.47	20000	22	22.5	30	0.3	19	
B6904ZZ		37	9		6.4	3.7	19000		24	35		36	
B6004ZZ		42	12	0.6	10	5.05	17000	24	26	38	0.6	69	
B6204ZZ		47	14	1.0	13.6	6.65	14000	25		42		106	
B6304ZZ		52	15	1.1	16.9	7.9	13000	26.5	28	45.5	1.0	145	
B6805ZZ	30	37	7	0.3	4.3	2.95	18000	27		35		22	
B6905ZZ		42	9		7.05	4.55	16000		29	40	0.3	42	
B6005ZZ		47	12	0.6	10.7	5.85	15000	29	30.5	43	0.6	80	
B6205ZZ		52	15	1.0	14.9	7.85	12000	30	32	47		128	
B6305ZZ		62	17	1.1	23.8	11.5	11000	31.5	36	55.5	1.0	235	
B6806ZZ	35	42	7	0.3	4.54	3.42	15000	32	33	40	0.3	26	
B6906ZZ		47	9		7.25	5	14000		34	45		48	
B6006ZZ		55	13	0.6	13.5	8	12000	35	37	50	0.6	116	
B6206ZZ		62	16	1.0	20.7	11.3	10000		39	57	1.0	199	
B6306ZZ		72	19	1.1	30.5	16.2	9200	36.5	42.5	65.5	1.0	345	
B6807ZZ	40	47	7	0.3	4.74	3.82	13000	37	38	45	0.3	29	
B6907ZZ		55	10	0.6	10.9	7.75	12000	39	40	51	0.6	74	
B6007ZZ		62	14	1.0	17	10.3	11000	40	42	57		155	
B6207ZZ		72	17	1.1	27.5	15.3	9000	41.5	45	65.5	1.0	288	
B6307ZZ		80	21	1.5	35.5	19.1	8400	43	47	72	1.5	469	
B6808ZZ	45	52	7	0.3	4.93	4.18	12000	42	43	50	0.3	33	
B6908ZZ		62	12	0.6	13.7	9.92	11000	44	45	58	0.6	110	
B6008ZZ		68	15	1.0	17.8	11.5	9500	45	47	63		190	
B6208ZZ		80	18	1.1	31	17.8	8200	46.5	51	73.5	1.0	366	
B6308ZZ		90	23	1.5	45.4	25	7500	48	53	82	1.5	636	
B6809ZZ	50	58	7	0.3	6.21	5.38	11000	47	47.5	56	0.3	38	
B6909ZZ		68	12	0.6	14.1	10.9	9500	49	50	64	0.6	126	
B6009ZZ		75	16	1	21.2	14.4	8800	50	53.5	70	1.0	241	
B6209ZZ		85	19	1.1	33	20.3	7500	51.5	55.5	78.5		420	
B6309ZZ		100	25	1.5	56	31.5	6700	53	61.5	92	1.5	829	
B6810ZZ		65	7	0.3	6.4	5.83	9500	52	52.5	63	0.3	50	
B6910ZZ		72	12	0.6	14.5	11.7	9000	54	55	68	0.6	135	
B6010ZZ		80	16	1.0	22	15.8	8300	55.0	57.5	75.0		261	
B6210ZZ		90	20	1.1	39	24.2	7000	56.5	60.0	83.5	1.0	454	
B6310ZZ		110	27	2	68	38.5	6000	59	68	101	2	1006	

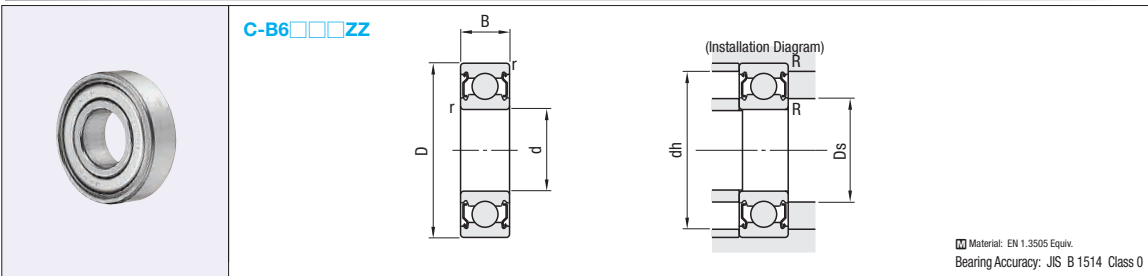
kgf=Nx0.101972

Ordering Example
Part Number
B6702ZZ

[Medium Accuracy] Deep Groove Ball Bearings
Double Shielded

Similar Products Page P.991

Similar Products Comparison Points | Products designed for light load, intermediate and low rotation speed, and medium rotational accuracy applications. See P. 987 for the description of C-VALUE Products.



For details on the tolerance and allowable values of inner and outer rings, see P2243

Part Number	d	D	B	r (min)	C-VALUE Products Check Point ① Basic Load Rating		Allowable Rotational Speed rpm (Reference)	Relative Dimensions				Mass (g) (Reference)	Unit Price
					Cr (Dynamic) kN	Cor (Static) kN		Ds (min)	Ds (max)	dh (max)	R (max)		
C-B6700ZZ	10	15	4	0.2	0.6	0.3	15000	10.4	11.21	14.2	0.2	2	
C-B6800ZZ		19	5		1.28	0.65	34000		12.5	17		5	
C-B6900ZZ		22	6	0.3	1.89	0.89	32000	12	13	20	0.3	9	
C-B6000ZZ		26	8		3.19	1.37	30000		13.5	24		19	
C-B6200ZZ		30	9	0.6	3.57	1.67	24000	14	16	26	0.6	32	
C-B6300ZZ	12	35	11		5.74	2.45	21000		16.5	31		52	
C-B6701ZZ		18	4	0.2	0.64	0.37	13000	12.4	13.86	16.7	0.2	3	
C-B6801ZZ		21	5		1.34	0.73	32000		14.5	19		6	
C-B6901ZZ		24	6	0.3	2.02	1.02	30000	14	15	22	0.3	11	
C-B6001ZZ		28	8		3.57	1.67	27000		16	26		21	
C-B6201ZZ	15	32	10	0.6	4.27	1.93	22000	16	17	28	0.6	37	
C-B6301ZZ		37	12	1	6.79	2.94	19000	17	18	32	1	60	
C-B6702ZZ		21	4	0.2	0.66	0.41	11000	15.4	16.86	19.7	0.2	4	
C-B6802ZZ		24	5		1.46	0.88	27000		17.5	22		7	
C-B6902ZZ		28	7	0.3	2.56	1.4	26000	17		26	0.3	16	
C-B6002ZZ	17	32	9		3.92	1.98	23000		19	30		30	
C-B6202ZZ		35	11	0.6	5.43	2.52	19000	19	20	31	0.6	45	
C-B6302ZZ		42	13	1	7.98	3.82	17000	20	22.5	37	1	83	
C-B6703ZZ		23	4	0.2	0.7	0.46	9500	17.4	18.86	21.1	0.2	4	
C-B6803ZZ		26	5		1.56	1.02	25000		19.5	24		8	
C-B6903ZZ	20	30	7	0.3	3.26	1.81	23000	19	20	28	0.3	18	
C-B6003ZZ		35	10		4.76	2.35	20000		21	33		39	
C-B6203ZZ		40	12	0.6	6.72	3.22	17000	21	23	36	0.6	66	
C-B6303ZZ		47	14	1	9.45	4.59	15000	22	25.5	42	1	113	
C-B6704ZZ		27	4	0.2	0.73	0.51	8500	20.4	22.36	25.5	0.2	6	
C-B6804ZZ	25	32	7	0.3	2.8	1.73	20000	22	22.5	30	0.3	19	
C-B6904ZZ		37	9		4.48	2.59	19000		24	35		36	
C-B6004ZZ		42	12	0.6	6.58	3.54	17000	24	26	38	0.6	69	
C-B6204ZZ		47	14	1	8.96	4.66	14000	25		42		106	
C-B6304ZZ		52	15	1.1	11.13	5.53	13000	26.5	28	45.5	1	145	
C-B6805ZZ	30	37	7	0.3	3.01	2.07	18000	27		35		22	
C-B6905ZZ		42	9		4.94	3.19	16000		29	40	0.3	42	
C-B6005ZZ		47	12	0.6	7.07	4.1	15000	29	30.5	43	0.6	80	
C-B6205ZZ		52	15	1	9.8	5.5	12000	30	32	47		128	
C-B6305ZZ		62	17	1.1	14.84	7.63	11000	31.5	36	55.5	1	235	
C-B6006ZZ	35	55	13		9.24	5.81	12000		37	50		116	
C-B6206ZZ		62	16	1	13.65	7.91	10000	35	39	57	1	199	
C-B6808ZZ	40	52	7	0.3	3.57	3.08	12000	42	43	50	0.3	33	

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