Order guide

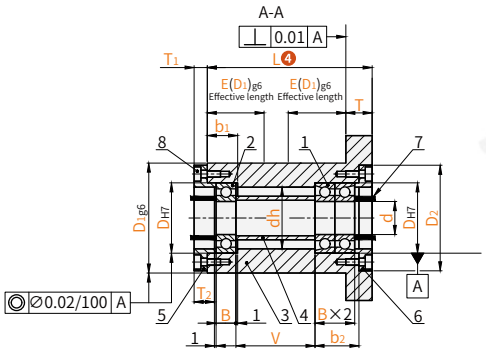
B | HE | L | - E1 | - 7002 | - N | - L60

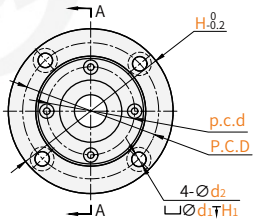
B: Major category; HE: Series; L: Category; E1: 1 Surface treatment; 7002: 2 Bearing model; N: 3 Cover options; L60: 4 Width Thickness

Please refer to the series code to select the type and parameters for ordering.

Code	Type	1.Radial bearing 2.Deep groove ball bearing	3.Fixed seat 4.Adjustment ring for inner ring 6.Oil seal cover / O-ring cover 7.Ring for fixed inner ring		8.Screw for cover fixing	
		Material	Material	Surface treatment 1	Material	Surface treatment
BHEL-E1	Combination	Bearing Steel	S45C	Blackening	SCM435	Blackening
BHEL-N1				Electroless nickel plating	SUS304	—

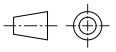
Customization design A





Radial bearing accuracy: GB/T 307.1 Grade 4 Equivalent to: JIS B 1514 Grade 4

Deep groove ball bearing accuracy: GB/T 307.1 Grade 0 Equivalent to: JIS B 1514 Grade 0

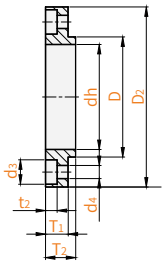


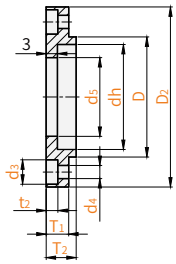
Visual standards: first perspective

5.Standard cover

6.Cover options

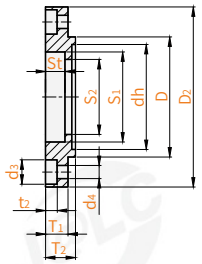
N(Standard cover)





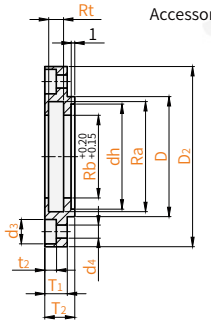
S(Oil seal cover)

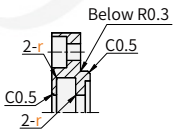
Accessory: Oil seal
Accessory material: Nitrile rubber



R(O-ring cover)

Accessories: O-ring (Buna-N)





Model Code	Bearing model 2	Cover options 3	L4	d	D		B	b1	b2	Deep groove ball bearing model	H	D2	T	dh	E	D1		P.C.D	d1	d2	H1
BHEL-E1 BHEL-N1	7002	N (Standard cover)	60 65 70 75	15	32	+0.025 0	9	13	20	6002ZZ	75	48	12	28	18	50	-0.009 -0.025	62	11	6.5	6.5
	7003		70 75 80 85	17	35		10	14	22	6003ZZ				31							
	7004		80 90 100	20	42		12	16	26	6004ZZ	92	58	15	36	22	60	-0.010 -0.029	75	14	9.2	8.5
	7005		100 110 125	25	47					6005ZZ	98	63		41		65		80			
	7006	S (For oil seal)	120 130 150	30	55		13	17	28	6006ZZ	120	78	18	48	27	80		98			
	7007		140 150 175	35	62		14	18	30	6007ZZ	126	84		55		86		106			
	7008	R (For O-ring)	160 180 200	40	68	+0.030 0	15	19	32	6008ZZ	140	92		60		95	-0.012 -0.034	116	17	11.2	10.5
	7009		180 200 225	45	75		16	20	34	6009ZZ	145	98	20	69	30	100		122			
	7010		200 220 250	50	80					6010ZZ	147	101		74		105		124			

Bearing model 2	5、Cover section details									6.Cover section details											8. Bolts for cover fixing	4.Details of adjusting ring for inner ring			7.Details of shaft ring for fixing		
	D	D2	dh	T1	T2	p.c.d	d3	d4	t2	N(Standard cover)	S(Oil seal cover)				R(O-ring cover)							Outer diameter	Inner diameter	Length V	Outer diameter	Inner diameter	Length
										d5	S1	S2	St	Accessory: Oil seal	Ra	Rb	Rt	r	Accessories: O-ring								
7002	32	48	28	6	8	40	6.5	3.5	3.1	21	32	22	5	AMFF-P5-A70-20-32-5	24	20	3.2	0.4	AMFP-P5-A65-20	M3-8	20	15	L-38	20	15	8.5
7003	35		31																			17	L-41		17	
7004	42	58	36	7	9	48	8	4.5	4.1	26	35	27	6	AMFF-P5-A70-25-35-6	31	25			AMFP-P5-A65-25	M4-10	25	20	L-48	25	20	9.5
7005	47	63	41	8	10	53				31	40	32	7	AMFF-P5-A70-30-40-7	36	30			AMFP-P5-A65-30		30	25	L-49	30	25	
7006	55	78	48			64	9.5	5.5	5.1	41	50	42	6.5	AMFF-P5-A70-40-50-6	41	35	4.7	0.7	AMFP-P5-A65-35	M5-12	40	30	L-52	40	30	10.5
7007	62	84	55			72				46	60	47		AMFF-P5-A70-45-60-9	46	40			AMFP-P5-A65-40		45	35	L-56	45	35	
7008	68	92	60	9	11	78				51	65	52	9	AMFF-P5-A70-50-65-9	51	45			AMFP-P5-A65-45	M6-12	50	40	L-59	50	40	11.5
7009	75	98	69			85	11	6.6	6.1	56	70	57		AMFF-P5-A70-55-70-9	56	50			AMFP-P5-A65-50		55	45	L-62	55	45	
7010	80	101	74	11	13	88				61	75	62		AMFF-P5-A70-60-75-9	70	60	7.5	0.8	AMFP-P5-A65-60	M6-15	60	50	L-64	60	50	13.5