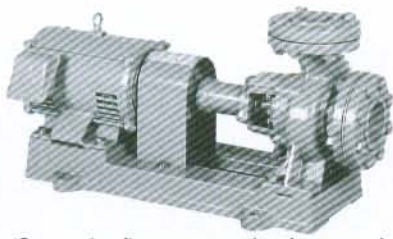


GE-2M End suction centrifugal pump 2 pole



(Companion flanges are optional accessories)

Maximum back pressure

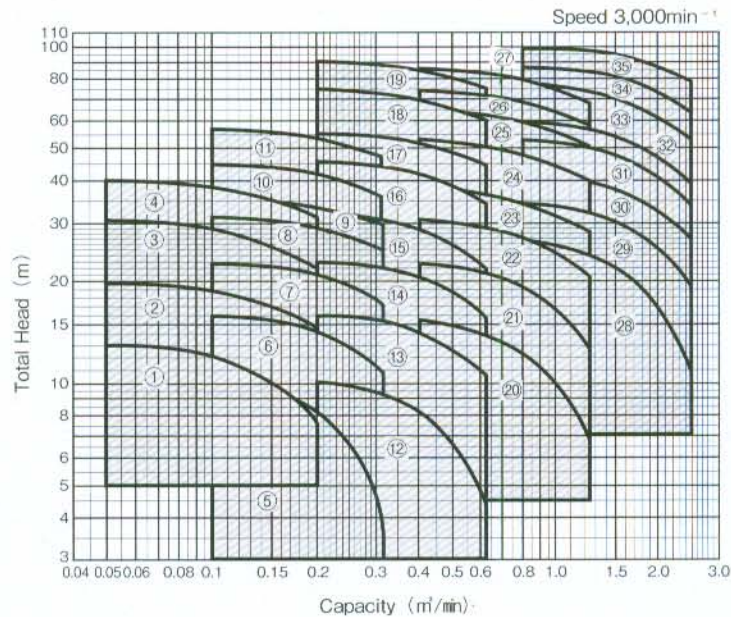
$$\left(0.98 - \frac{\text{Total head at zero flow(m)} \times 0.098}{10}\right) \text{MPa}$$

$$\left|10 - \frac{\text{Total head at zero flow(m)}}{10}\right| \text{kgf/cm}^2$$

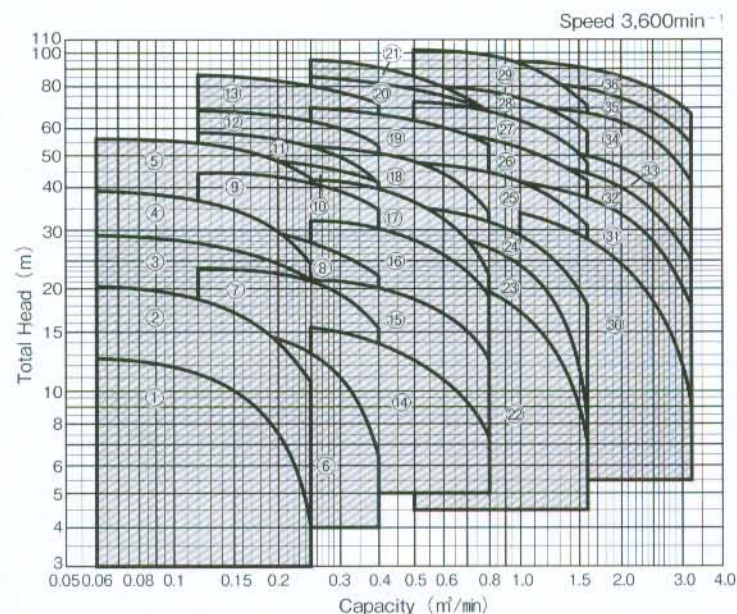
Maximum suction head

Bore (mm)	Total suction head (20°C)	Bore (mm)	Total suction head (20°C)
40 × 32	- 6m (- 4.5m : 50Hz 0.4kW - 1.2m : 60Hz 0.4kW)	80 × 65	- 6m (- 3.5m : 50Hz 2.2kW - 5.5m : 60Hz 5.5kW over - 4m : 60Hz 3.7kW)
50 × 40	- 6m (- 0.5m : 50Hz 0.4kW - 3.2m : 60Hz 0.75kW)	100 × 80	- 5m (- 3m : 60Hz)
65 × 50	- 6m (- 1.2m : 50Hz 0.75kW - 4.2m : 60Hz 1.5kW)		

Selection chart 50Hz



Selection chart 60Hz



Applications

- Cold and hot water circulation
 - Cooling water for building and factory equipments
 - Agriculture ● Industry
 - Other general water supply
- (Please inquire in case drinking water application)

Standard specifications

- Liquid Clean water 0 ~ 90°C
- Materials Impeller FC, CAC406(BC6) or CAC702 (AIBC2)
Shaft SUS403 (portion contacting liquid), Casing FC
- Construction Impeller : Close
Shaft sealing : Mechanical seal (SiC x Carbon)
Bearing : Sealed ball bearing
- Installation Indoor
- Flange JIS 10K

Features

- Compact and light weight
- Easy maintenance and inspection due to back pull out construction
- Long life mechanical seal is adopted for shaft sealing
- Simple end suction top centerline discharge position enable steady installation with high discharge pipe loading
- Wide applications for various usages.
- In accordance with Japanese Industrial Standard (JISB8313)
- Evaluated item of [horizontal centrifugal pump] by (C)Public Buildings Association., Ltd.

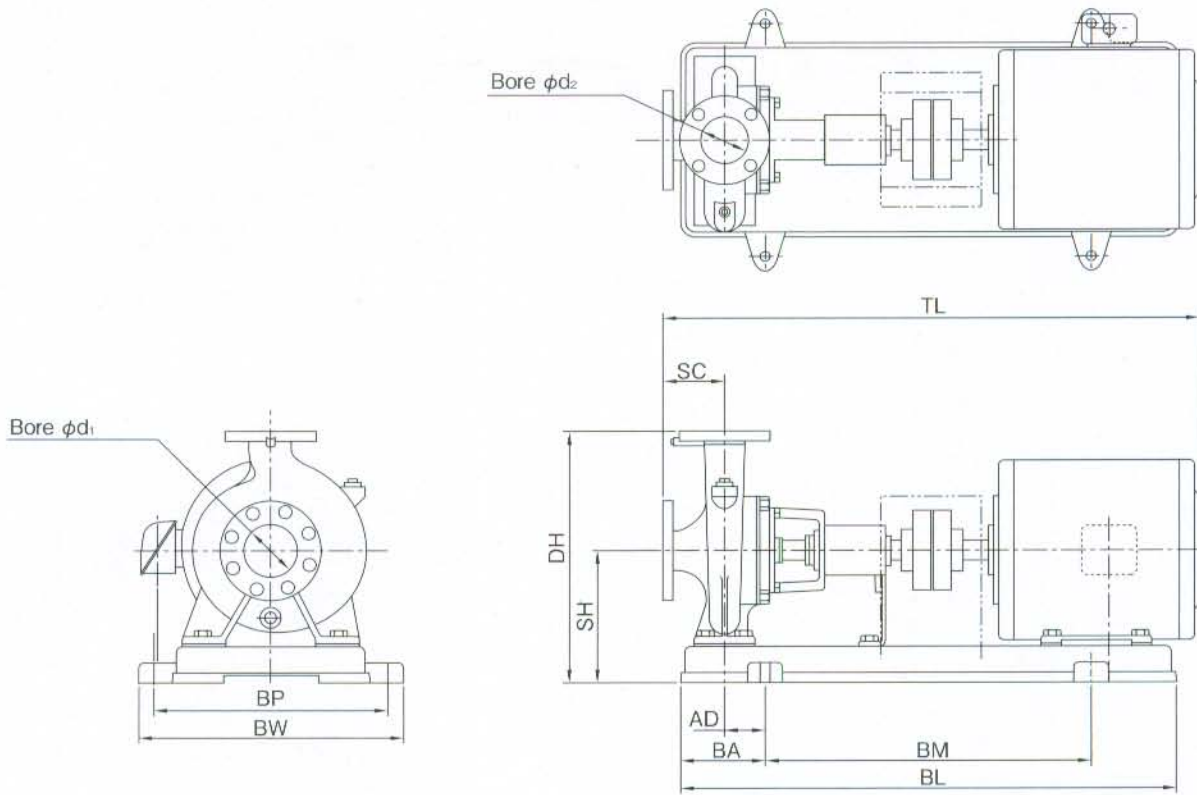
Standard accessories

Motor, Base, coupling, coupling cover, priming plug, wedge (more than bore 65x50 models)

Specification & outline dimension table Inquire specification sheets and drawings in case of actual work planning

●GE-2M 50Hz

Flange : JIS 10K thick type (companion flanges are optional accessories)



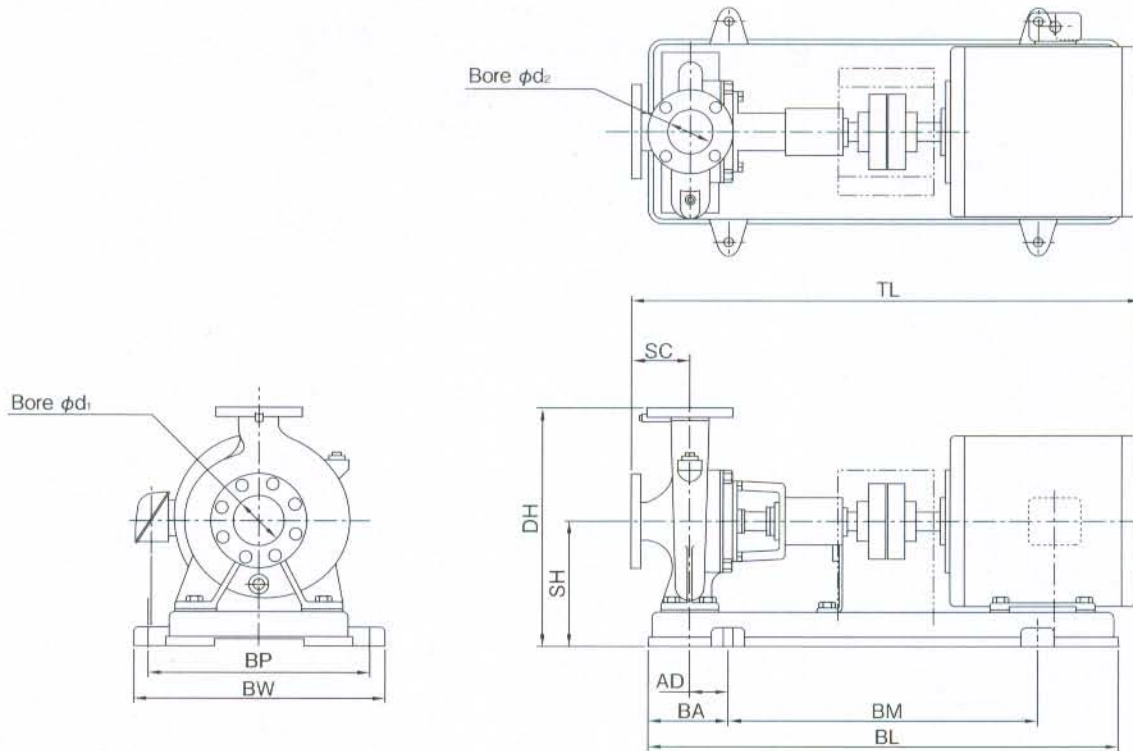
Hz	Suction/Discharge		Port	Model	Motor		Performance			Maximum		Dimensions (mm)										Weight
	Bore	Bore			kW	Capacity	Head	Capacity	Head	Back pressure		SC	BL	BA	BM	BP	BW	DH	SH	TL	AD	
	mm	mm								m³/min	m											
50	40	32	1	GEH-40×325M-2MN0.4	0.4	0.05	13	0.2	7.5	0.84	[8.6]	65	467	80	300	200	236	280	155	506	35	31
			2	GEI-40×325M-2M0.75	0.75	0.05	19.8	0.2	14.5	0.77	[7.9]	65	468	82	300	230	266	317	177	503	35	36
			3	GEJ-40×325M-2M1.5	1.5	0.05	30.5	0.2	22	0.67	[6.8]	80	648	112	420	290	336	347	187	644	50	54
			4	GEK-40×325M-2M2.2	2.2	0.05	40	0.2	31.5	0.58	[5.9]	80	648	112	420	290	336	347	187	644	50	55
	50	40	5	GEH-50×405M-2MN0.4	0.4	0.1	10.5	0.32	3.5	0.86	[8.8]	65	468	82	300	230	266	307	167	506	35	33
			6	GEI-50×405M-2M0.75	0.75	0.1	15.8	0.32	10.5	0.81	[8.3]	65	468	82	300	230	266	317	177	503	35	36
			7	GEJ-50×405M-2M1.5	1.5	0.1	22.5	0.32	17	0.74	[7.6]	80	726	127	480	290	336	307	167	724	60	60
			8	GEK-50×405M-2M2.2	2.2	0.1	31	0.32	24.5	0.67	[6.8]	80	722	120	480	290	336	347	187	724	55	62
			9	GEJ-50×405M-2M3.7	3.7	0.1	35.5	0.32	29.8	0.63	[6.4]	80	818	138	540	320	366	357	197	779	70	76
			10	GEK-50×405M-2M3.7	3.7	0.1	44.5	0.32	35.5	0.52	[5.3]	80	821	138	540	320	366	405	225	779	70	89
			11	GEK-50×405M-2M5.5	5.5	0.1	56.5	0.32	47	0.39	[4.0]	80	819	138	540	350	396	405	225	835	70	100
50	65	50	12	GEH-65×505M-2M0.75	0.75	0.2	10	0.63	4.2	0.87	[8.9]	80	577	102	370	230	266	307	167	598	35	42
			13	GEI-65×505M-2M1.5	1.5	0.2	15.8	0.63	10.5	0.81	[8.3]	80	646	112	420	230	266	307	167	644	45	50
			14	GEJ-65×505M-2M2.2	2.2	0.2	22.8	0.63	15.2	0.74	[7.6]	80	726	127	480	290	336	307	167	724	60	62
			15	GEK-65×505M-2M3.7	3.7	0.2	32.5	0.63	21	0.65	[6.6]	80	818	138	540	320	366	357	197	779	70	79
			16	GEK-65×505M-2M5.5	5.5	0.2	45	0.63	34	0.52	[5.3]	100	819	138	540	350	396	405	225	855	70	105
			17	GEK-65×505M-2M7.5	7.5	0.2	54.5	0.63	43.5	0.42	[4.3]	100	819	138	540	350	396	405	225	855	70	109
			18	GEL-65×505M-2M11	11	0.2	75	0.63	59.4	0.22	[2.2]	100	918	158	600	400	458	470	245	981	75	149
			19	GEL-65×505M-2M15	15	0.2	90	0.63	74	0.059	[0.6]	100	918	158	600	400	458	470	245	981	75	159
			80	65	20	GEH-80×655M-2M2.2	2.2	0.4	15.2	1.25	6.5	0.81	[8.3]	100	648	112	420	290	336	347	187	664
21	GEI-80×655M-2M3.7	3.7			0.4	22.5	1.25	12	0.74	[7.5]	100	818	138	540	320	366	357	197	799	70	87	
22	GEJ-80×655M-2M5.5	5.5			0.4	30.5	1.25	20	0.66	[6.7]	100	819	138	540	350	396	405	225	855	70	104	
23	GEK-80×655M-2M7.5	7.5			0.4	38.5	1.25	27.5	0.58	[5.9]	100	819	138	540	350	396	405	225	855	70	108	
24	GEK-80×655M-2M11	11			0.4	52	1.25	38.5	0.45	[4.6]	100	916	158	600	400	458	425	225	981	90	140	
25	GEK-80×655M-2M15	15			0.4	63.5	1.25	49.5	0.33	[3.4]	100	916	158	600	400	458	425	225	981	90	150	
26	GEL-80×655M-2M18.5	18.5			0.4	74	1.25	57	0.32	[3.3]	100	1018	178	660	400	458	470	245	1025	95	189	
27	GEL-80×655M-2M22	22			0.4	85	1.25	67	0.13	[1.3]	100	1018	178	660	400	458	470	245	1034	95	204	
100	80	28	GEI-100×805M-2M7.5	7.5	0.8	26.5	2.5	10.5	0.69	[7.0]	100	819	138	540	350	396	405	225	855	60	114	
		29	GEJ-100×805M-2M11	11	0.8	34	2.5	19	0.62	[6.3]	100	916	158	600	400	458	425	225	981	75	143	
		30	GEJ-100×805M-2M15	15	0.8	42	2.5	27	0.54	[5.5]	100	916	158	600	400	458	425	225	981	75	153	
		31	GEK-100×805M-2M18.5	18.5	0.8	52.5	2.5	33	0.44	[4.5]	100	1018	178	660	400	458	470	245	1025	95	179	
		32	GEK-100×805M-2M22	22	0.8	59	2.5	38.5	0.37	[3.8]	100	1018	178	660	400	458	470	245	1034	95	199	
		33	GEL-100×805M-2M30	30	0.8	76	2.5	51.5	0.22	[2.2]	100	1140	199	740	440	498	535	285	1150	100	243	
		34	GEL-100×805M-2M37	37	0.8	86	2.5	64.5	0.098	[1.0]	100	1140	199	740	440	498	535	285	1216	100	314	
		35	GEL-100×805M-2M45	45	0.8	99	2.5	77	0	[0]	100	1141	199	740	490	548	535	285	1216	100	324	

GE-2M

■ Specification & outline dimension table Inquire specification sheets and drawings in case of actual work planning

●GE-2M 60Hz

Flange : JIS 10K thick type (companion flanges are optional accessories)



Hz	Suction Bore mm	Discharge Bore mm	Ref No.	Model	Motor kW	Performance					Maximum Back pressure MPa [kgf/cm ²]	Dimensions (mm)										Weight kg
						Capacity		Head		m		SC	BL	BA	BM	BP	BW	DH	SH	TL	AD	
						m ³ /min	m	m ³ /min	m													
40	32	1	GEH-40 × 326M-2MN0.4	0.4	0.06	12.8	0.25	4.2	0.84	[8.6]	65	467	82	300	200	236	280	155	506	35	31	
		2	GEH-40 × 326M-2M0.75	0.75	0.06	20	0.25	10.5	0.77	[7.9]	65	466	82	300	210	246	280	155	503	35	33	
		3	GEI-40 × 326M-2M1.5	1.5	0.06	29	0.25	21.5	0.68	[6.9]	65	516	92	330	230	266	307	167	549	45	43	
		4	GEJ-40 × 326M-2M2.2	2.2	0.06	39	0.25	24	0.58	[5.9]	80	648	112	420	290	336	347	187	644	50	55	
		5	GEJ-40 × 326M-2M3.7	3.7	0.06	55.5	0.25	42.5	0.40	[4.1]	80	648	112	420	290	336	357	197	699	50	66	
50	40	6	GEH-50 × 406M-2M0.75	0.75	0.12	16.2	0.4	6.2	0.80	[8.2]	65	468	82	300	230	266	317	177	503	35	35	
		7	GEH-50 × 406M-2M1.5	1.5	0.12	23.5	0.4	15.2	0.74	[7.5]	65	516	92	330	230	266	307	167	549	45	42	
		8	GEI-50 × 406M-2M2.2	2.2	0.12	31	0.4	21.8	0.67	[6.8]	80	726	127	480	290	336	307	167	724	60	58	
		9	GEJ-50 × 406M-2M3.7	3.7	0.12	44	0.4	34.5	0.54	[5.5]	80	818	138	540	320	366	357	197	779	70	76	
		10	GEJ-50 × 406M-2M5.5	5.5	0.12	50.5	0.4	41.5	0.47	[4.8]	80	816	138	540	350	396	357	197	835	70	89	
		11	GEK-50 × 406M-2M5.5	5.5	0.12	57.5	0.4	41.5	0.39	[4.0]	80	819	138	540	350	396	405	225	835	70	99	
		12	GEK-50 × 406M-2M7.5	7.5	0.12	69	0.4	53.5	0.25	[2.6]	80	819	138	540	350	396	405	225	835	70	104	
		13	GEK-50 × 406M-2M11	11	0.12	86	0.4	72	0.098	[1.0]	80	916	158	600	400	458	405	225	961	90	121	
60	50	14	GEH-65 × 506M-2M1.5	1.5	0.25	15.2	0.8	7.2	0.82	[8.4]	80	646	112	420	230	266	307	167	644	45	50	
		15	GEH-65 × 506M-2M2.2	2.2	0.25	21.2	0.8	12.2	0.76	[7.8]	80	648	112	420	260	296	307	167	644	45	49	
		16	GEI-65 × 506M-2M3.7	3.7	0.25	32	0.8	18.8	0.66	[6.7]	80	816	138	540	320	366	317	177	779	70	78	
		17	GEJ-65 × 506M-2M5.5	5.5	0.25	42	0.8	22	0.54	[5.5]	80	816	138	540	350	396	357	197	835	70	92	
		18	GEJ-65 × 506M-2M7.5	7.5	0.25	53.5	0.8	34	0.43	[4.4]	80	816	138	540	350	396	357	197	835	70	96	
		19	GEK-65 × 506M-2M11	11	0.25	70	0.8	53	0.26	[2.7]	100	916	158	600	400	458	405	225	981	90	136	
		20	GEK-65 × 506M-2M15	15	0.25	84	0.8	68	0.13	[1.3]	100	916	158	600	400	458	405	225	981	90	147	
		21	GEL-65 × 506M-2M18.5	18.5	0.25	96	0.8	68	0	[0]	100	1018	178	660	400	458	470	245	1025	95	174	
80	65	22	GEH-80 × 656M-2M3.7	3.7	0.5	22	1.6	7	0.74	[7.6]	100	648	112	420	290	336	357	197	719	50	71	
		23	GEI-80 × 656M-2M5.5	5.5	0.5	29.5	1.6	10.5	0.66	[6.7]	100	816	138	540	350	396	357	197	855	70	99	
		24	GEI-80 × 656M-2M7.5	7.5	0.5	35	1.6	18	0.61	[6.2]	100	816	138	540	350	396	357	197	855	70	103	
		25	GEJ-80 × 656M-2M11	11	0.5	47	1.6	30.5	0.50	[5.1]	100	916	158	600	400	458	405	225	981	90	134	
		26	GEJ-80 × 656M-2M15	15	0.5	60	1.6	42	0.36	[3.7]	100	916	158	600	400	458	405	225	981	90	144	
		27	GEK-80 × 656M-2M18.5	18.5	0.5	72	1.6	47.5	0.25	[2.5]	100	1016	178	660	400	458	425	225	1025	110	166	
		28	GEK-80 × 656M-2M22	22	0.5	81	1.6	59	0.15	[1.5]	100	1016	178	660	400	458	425	225	1034	110	186	
		29	GEL-80 × 656M-2M30	30	0.5	101	1.6	71	0	[0]	100	1016	178	660	440	498	470	245	1040	95	220	
100	80	30	GEI-100 × 806M-2M11	11	1.0	34	3.15	8.5	0.62	[6.3]	100	916	158	600	400	458	405	225	981	75	140	
		31	GEI-100 × 806M-2M15	15	1.0	41	3.15	17.5	0.54	[5.5]	100	916	158	600	400	458	405	225	981	75	151	
		32	GEJ-100 × 806M-2M18.5	18.5	1.0	48.5	3.15	24.5	0.46	[4.7]	100	1016	178	660	400	458	425	225	1025	95	168	
		33	GEJ-100 × 806M-2M22	22	1.0	55.5	3.15	29.5	0.39	[4.0]	100	1016	178	660	400	458	425	225	1034	95	189	
		34	GEK-100 × 806M-2M30	30	1.0	72	3.15	40.5	0.25	[2.5]	100	1016	178	660	440	498	470	245	1040	95	213	
		35	GEK-100 × 806M-2M37	37	1.0	84	3.15	52	0.12	[1.2]	100	1016	178	660	440	498	470	245	1106	95	284	
		36	GEK-100 × 806M-2M45	45	1.0	93	3.15	66	0.049	[0.5]	100	1020	180	660	440	498	490	265	1106	95	289	

Standard End Suction
In Line
Sealless Magnet Coupling
Stainless Steel
Self-Priming
Accessories