

# GE-C Compact centrifugal pump 2 pole



### Applications

- Cooling water supply
- Agriculture
- Industry
- Other general water supply (Please inquire in case drinking water application)

### Features

- Compact and light weight
- Easy maintenance and inspection due to back pull out construction
- Long life mechanical seal is adopted for shaft sealing
- Evaluated item of [horizontal centrifugal pump] by (C) Public Buildings Association., Ltd.

### Standard specifications

- Liquid Clean water 0 ~ 90°C
- Materials Impeller FC or CAC406(BC6)  
Shaft SUS304, Casing FC
- Construction Impeller : Close  
Shaft sealing : Mechanical seal (Ceramic x Carbon)  
Bearing : Sealed ball bearing
- Installation Indoor
- Motor TEFC outdoor
- Flange JIS 10K

### Maximum back pressure

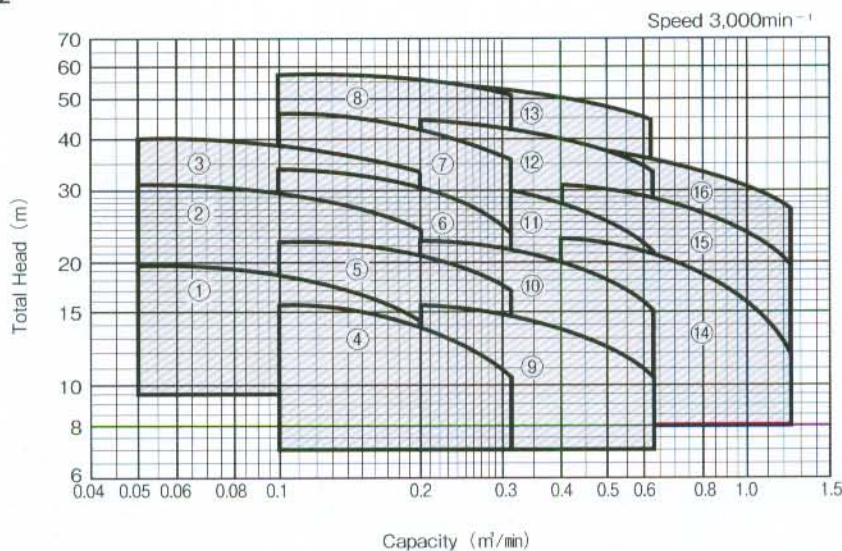
$$\left(0.98 - \frac{\text{Total head at zero flow (m)} \times 0.098}{10}\right) \text{MPa}$$

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

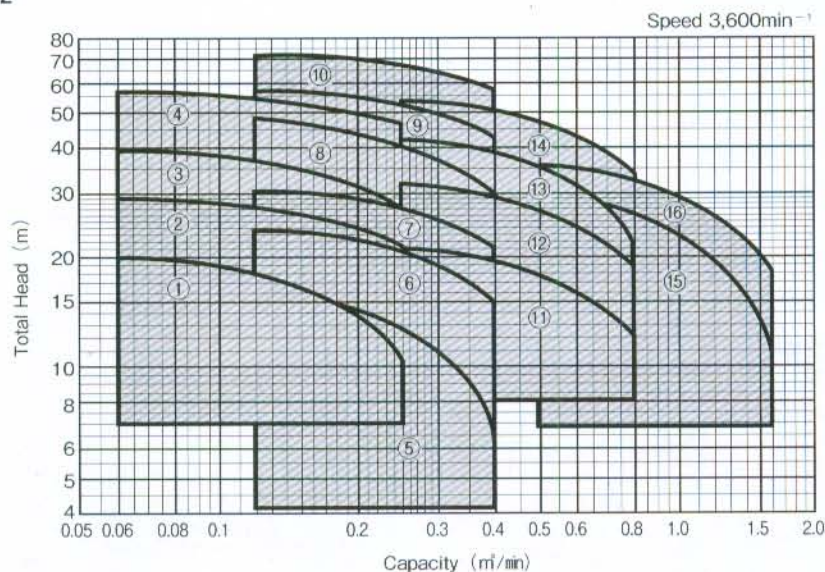
### Maximum suction head (20°C)

- 6m (- 3.2m : GEH-506-C0.75)

### Selection chart 50Hz



### Selection chart 60Hz



Standard End Suction

In Line

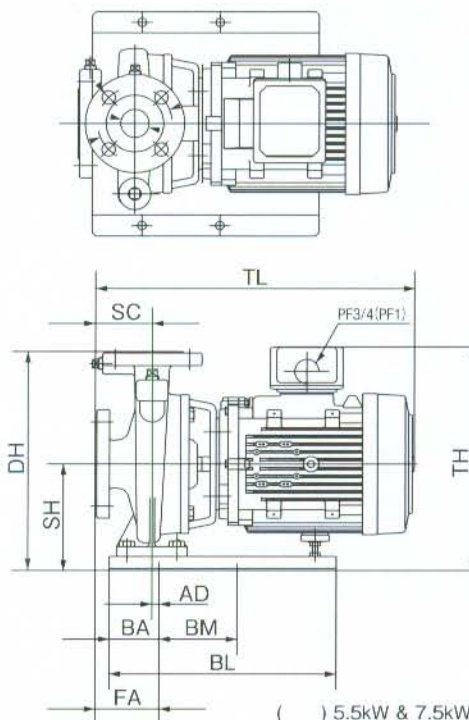
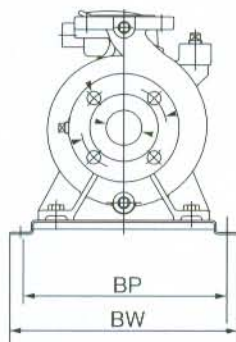
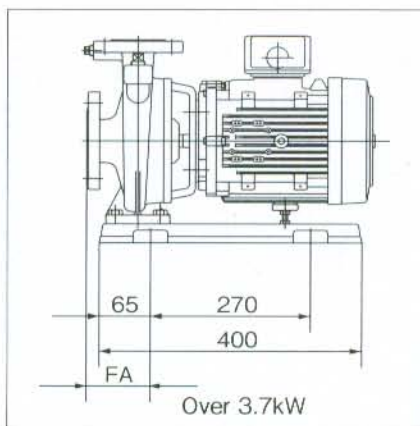
Sealless Magnet Coupling  
Stainless Steel

Self-Priming

Accessories

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

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



( ) 5.5kW & 7.5kW

Hz	Suction Bore mm	Discharge Bore mm	Ref No.	Model	Motor kW	Performance				Maximum Back pressure		Dimensions						Base					Weight kg	
						Capacity m <sup>3</sup> /min	Head m	Capacity m <sup>3</sup> /min	Head m	MPa	kgf/cm <sup>2</sup>	SC	TL	DH	SH	AD	FA	TH	BL	BA	BM	BP		BW
50	40	32	1	GEI-405-C0.75	0.75	0.05	19.8	0.2	14.5	0.77	[7.9]	65	414	272	132	22	87	275	320	60	130	230	260	24
			2	GEJ-405-C1.5	1.5	0.05	31	0.2	24	0.62	[6.3]	80	452	312	152	0	80	-	320	60	130	290	320	35
			3	GEJ-405-C2.2	2.2	0.05	40	0.2	33.5	0.58	[5.9]	80	445	312	152	0	80	319	320	60	130	290	320	40
	50	40	4	GEH-505-C0.75	0.75	0.1	15.8	0.32	10.5	0.81	[8.3]	65	414	272	132	22	87	275	320	60	130	230	260	26
			5	GEI-505-C1.5	1.5	0.1	22.5	0.32	17	0.75	[7.6]	80	457	272	132	0	80	287	320	60	130	230	260	36
			6	GEJ-505B-C2.2	2.2	0.1	34.5	0.32	24	0.63	[6.4]	80	450	312	152	0	80	319	320	60	130	290	320	41
			7	GEJ-505B-C3.7	3.7	0.1	45.5	0.32	36.5	0.53	[5.4]	80	490	327	167	5	85	334	400	65	270	290	324	50
			8	GEK-505-C5.5	5.5	0.1	58	0.32	51	0.39	[4.0]	80	555	375	195	5	85	389	400	65	270	290	324	72
	65	50	9	GEH-655-C1.5	1.5	0.2	15.8	0.63	10.5	0.81	[8.3]	80	452	272	132	0	80	287	320	60	130	230	260	34
			10	GEI-655-C2.2	2.2	0.2	22.8	0.63	15.2	0.75	[7.6]	80	450	272	132	0	80	298	320	60	130	290	320	41
			11	GEJ-655-C3.7	3.7	0.2	32.5	0.63	21	0.65	[6.6]	80	490	327	167	5	85	334	400	65	270	290	324	52
			12	GEK-655-C5.5	5.5	0.2	45	0.63	34	0.52	[5.3]	100	575	375	195	5	105	389	400	65	270	350	384	74
			13	GEK-655-C7.5	7.5	0.2	54.5	0.63	43.5	0.42	[4.3]	100	595	375	195	5	105	400	400	65	270	350	384	97
	80	65	14	GEI-805-C3.7	3.7	0.4	23	1.25	12	0.74	[7.5]	100	520	327	167	5	105	334	400	65	270	290	324	54
			15	GEJ-805-C5.5	5.5	0.4	30.5	1.25	20	0.66	[6.7]	100	580	375	195	5	105	389	400	65	270	350	384	72
			16	GEJ-805-C7.5	7.5	0.4	38.5	1.25	27.5	0.58	[5.9]	100	600	375	195	5	105	400	400	65	270	350	384	94
60	40	32	1	GEH-406-C0.75	0.75	0.06	20	0.25	10.5	0.77	[7.9]	65	414	245	120	22	87	263	320	60	130	230	260	23
			2	GEI-406-C1.5	1.5	0.06	29	0.25	21.5	0.68	[6.9]	65	440	272	132	22	87	287	320	60	130	230	260	32
			3	GEJ-406-C2.2	2.2	0.06	39.5	0.25	27.5	0.58	[5.9]	80	445	312	152	0	80	319	320	60	130	290	320	39
			4	GEJ-406-C3.7	3.7	0.06	57	0.25	46.5	0.25	[2.6]	80	485	327	167	5	85	334	400	65	270	290	324	45
	50	40	5	GEH-506-C0.75	0.75	0.12	16.2	0.4	6.2	0.804	[8.2]	65	414	272	132	22	87	275	320	60	130	230	260	26
			6	GEH-506-C1.5	1.5	0.12	23.5	0.4	15.2	0.74	[7.5]	65	440	272	132	22	87	287	320	60	130	230	260	32
			7	GEI-506-C2.2	2.2	0.12	31	0.4	21.5	0.67	[6.8]	80	450	272	132	0	80	299	320	60	130	230	260	39
			8	GEJ-506B-C3.7	3.7	0.12	48	0.4	30	0.54	[5.5]	80	490	327	167	5	85	334	400	65	270	290	324	50
			9	GEJ-506-C5.5	5.5	0.12	56.5	0.4	43	0.41	[4.2]	80	555	355	195	5	85	389	400	65	270	290	324	64
			10	GEK-506-C7.5	7.5	0.12	71	0.4	57.5	0.26	[2.7]	80	575	375	195	5	85	400	400	65	270	290	324	94
	65	50	11	GEH-656-C2.2	2.2	0.25	21.2	0.8	12.2	0.75	[7.6]	80	445	272	132	0	80	299	320	60	130	230	260	38
			12	GEI-656-C3.7	3.7	0.25	32	0.8	18.8	0.66	[6.7]	80	490	315	175	5	85	342	400	65	270	290	324	50
			13	GEJ-656-C5.5	5.5	0.25	42	0.8	22	0.56	[5.7]	80	555	355	195	5	85	389	400	65	270	290	324	68
			14	GEJ-656-C7.5	7.5	0.25	53.5	0.8	34	0.43	[4.4]	80	575	355	195	5	85	400	400	65	270	290	324	90
	80	65	15	GEI-806-C5.5	5.5	0.5	30	1.6	11	0.66	[6.7]	100	580	355	195	5	105	389	400	65	270	290	324	67
			16	GEI-806-C7.5	7.5	0.5	35.5	1.6	18	0.61	[6.2]	100	600	355	195	5	105	400	400	65	270	290	324	89

Stainless Steel Suction

In Line

Stainless Steel

Self-Priming

Accessories