



Bringing valuable "water" to you

Comfort Earth®



**KAWAMOTO PUMP**

# Centrifugal pump series

Standard end suction

In Line

Stainless steel

Self priming type

Sealles Magnet Coupling

Ver.1.1

Standard end suction



## Premium efficiency motor

Stainless steel



In Line



Magnet Coupling



Self priming type



*Kawamoto*



High quality and high reliability Kawamoto Centrifugal Pump series can satisfy various applications

Pump with IE3 motors

# Kawamoto Centrifugal Pump series

## List of model

This catalogue put typical ground type centrifugal pumps.  
Please refer to our distributors or us about pumps without any description in this catalogue

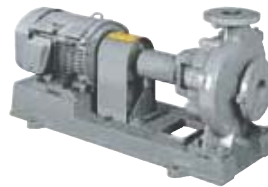
### Standard end suction P.3-27

**GE-C** 2 pole compact centrifugal pump



P.3

**GE- $\frac{2}{4}$ M** 2/4 pole centrifugal pump



P.6  
P.13

**GEN- $\frac{2}{4}$ M** 2/4 pole centrifugal pump  
Nylon coating



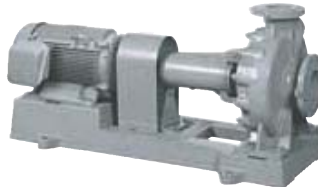
P.11  
P.18

**GF·GD·GDF** High back pressure centrifugal pump  
GF type 4 pole



P.20

GD type 2/4 pole  
GDF type 4 pole



P.21

**F** 4 pole centrifugal



P.23

**GN2-C** 2 pole nylon coating compact centrifugal pump



P.27

### For circulation · In Line P.28-33

**PE(2)**



P.33

**PSS(2)**

Stainless steel



P.28

## Application Icon list



The standard configuration for pump systems with that those with an output of 0.75 kW or more are equipped with a Premium efficiency motor (IE3 efficiency), and those with an output of 0.4 kW or less are equipped with a standard efficiency motor. Please consult your distributor for the motor specifications.

### Stainless steel precision casting P.39-44

#### GRM

Magnet Coupling



P.39

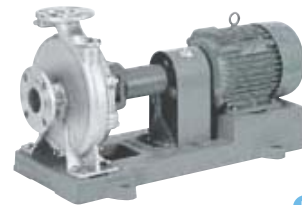
#### GES-C 2 pole compact



P.41

#### GES- $\frac{2}{4}$ M

GES-2M type 2 pole  
GES-4M type 4 pole



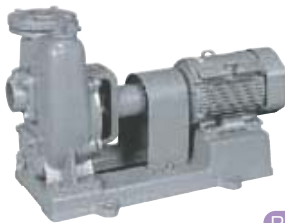
P.44

### Self priming type

P.50-51

#### FS(4) 4 pole self priming pump

Agriculture



P.50

#### GSO $\frac{2}{3}$ -C 2 pole self priming pump



P.51

#### Explanation of the Model Name (ex.)

GE1 40 5 CE 0.75

- ① Pump model
- ② Suction bore (mm)
- ③ Frequency (5:50 Hz 6:60Hz)
- ④ Motor output (kW)

### Standard accessory

P.52

#### Valve

Nylon coating models are also available



Sluice valve



Swing check valve

#### Foot valve

Stainless steel models are also available

Resin material

Cast iron



#### Suction unit

Cast iron

Stainless steel



#### Vibration proof bed



#### Vibration proof joint



#### Pipe silencer



#### Pump heater



P.52

# GE-C Type Compact centrifugal pump

2 pole

Standard end suction



For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

### Application



(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. (in Japan)

### Maximum suction total head (20°C)

-6 m ( -3.2 m : GEH506CE0.75  
-5.5 m : GEI806CE5.5,7.5 )

### Standard accessories

Motor, Base

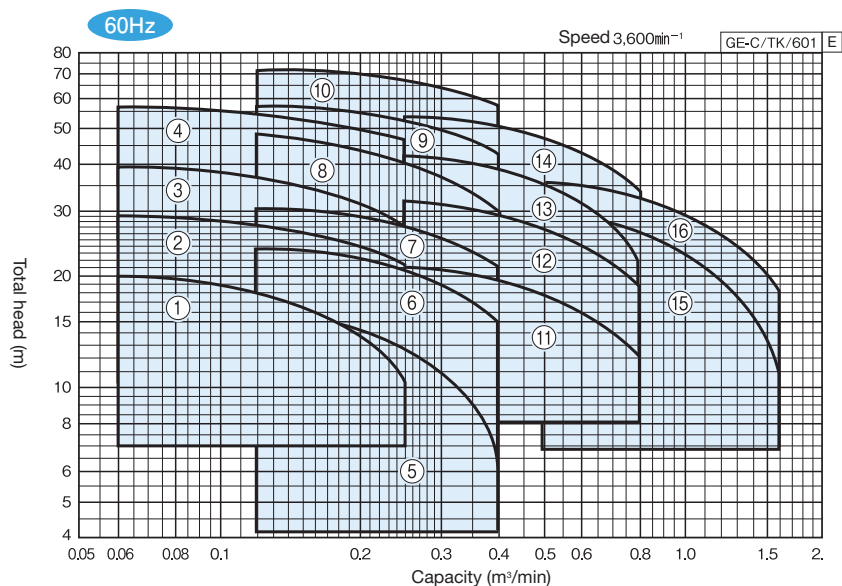
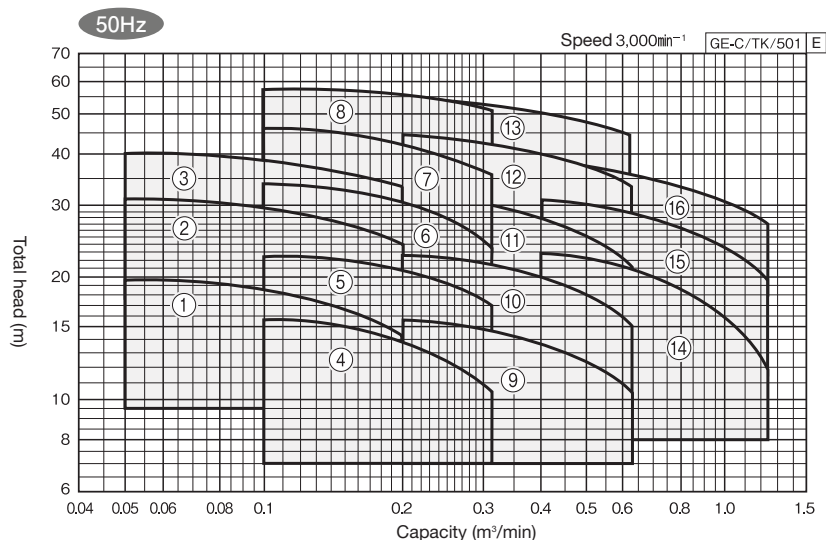
### Standard specifications

- Liquid Clean water 0~90°C (there should be no freezing)
- Materials Impeller: Cast iron or Bronze  
Shaft : SUS304  
Casing : Cast iron
- Shaft sealing Mechanical seal (Ceramic × Carbon)
- Motor TEFC outdoor
- Flange JIS 10K Standard type

### Maximum back pressure

(1-Zero-discharge head of pump) MPa

### Selection chart



## Specification table

### 50Hz

Bore d1 mm	Bore d2 mm	Ref	Model	Motor kW	Performance						Maximum back pressure MPa	Vibration isolator application table			
					Capacity		Total head		Capacity					Total head	
					m <sup>3</sup> /min	m	m <sup>3</sup> /min	m	m <sup>3</sup> /min	m				m <sup>3</sup> /min	m
40	32	1	GEI405CE0.75	0.75	0.05	19.8	0.12	18	0.2	14.5	0.77	PBKV-46-404-01	PX-60ZY		
		2	GEJ405CE1.5	1.5	0.05	31	0.12	28.5	0.2	24	0.62		PBKV-46-404-02	PX-60Z	
		3	GEJ405CE2.2	2.2	0.05	40	0.12	38	0.2	33.5	0.58				
50	40	4	GEH505CE0.75	0.75	0.1	15.8	0.2	14.2	0.32	10.5	0.81	PBKV-46-404-01	PX-60ZY		
		5	GEI505CE1.5	1.5	0.1	22.5	0.2	20.8	0.32	17	0.75		PBKV-46-404-02	PX-60Z	
		6	GEJ505CE2.2	2.2	0.1	34.5	0.2	31	0.32	24	0.63				
		7	GEJ505CE3.7	3.7	0.1	45.5	0.2	42.5	0.32	36.5	0.53	QRE-01A			
		8	GEK505CE5.5	5.5	0.1	58	0.2	56	0.32	51	0.39				
65	50	9	GEH655CE1.5	1.5	0.2	15.8	0.4	14	0.63	10.5	0.81	PBKV-46-404-01	PX-60Z		
		10	GEI655CE2.2	2.2	0.2	22.8	0.4	20.2	0.63	15.2	0.75			PBKV-46-404-02	
		11	GEJ655CE3.7	3.7	0.2	32.5	0.4	28.5	0.63	21	0.65				
		12	GEK655CE5.5	5.5	0.2	45	0.4	41	0.63	34	0.52	QRE-01A	PX-85Z		
		13	GEK655CE7.5	7.5	0.2	54.5	0.4	50.5	0.63	43.5	0.42				
80	65	14	GEI805CE3.7	3.7	0.4	23	0.8	19	1.25	12	0.74	QRE-01A	PX-60Z		
		15	GEJ805CE5.5	5.5	0.4	30.5	0.8	26.5	1.25	20	0.66		QRE-01A	PX-85Z	
		16	GEJ805CE7.5	7.5	0.4	38.5	0.8	34	1.25	27.5	0.58				

### 60Hz

Bore d1 mm	Bore d2 mm	Ref	Model	Motor kW	Performance						Maximum back pressure MPa	Vibration isolator application table			
					Capacity		Total head		Capacity					Total head	
					m <sup>3</sup> /min	m	m <sup>3</sup> /min	m	m <sup>3</sup> /min	m				m <sup>3</sup> /min	m
40	32	1	GEH406CE0.75	0.75	0.06	20	0.16	16.5	0.25	10.5	0.77	PBKV-46-404-01	PX-60ZY		
		2	GEI406CE1.5	1.5	0.06	29	0.16	26	0.25	21.5	0.68		PBKV-46-404-02	PX-60Z	
		3	GEJ406CE2.2	2.2	0.06	39.5	0.16	35	0.25	27.5	0.58				
		4	GEJ406CE3.7	3.7	0.06	57	0.16	52.5	0.25	46.5	0.25	QRE-01A			
50	40	5	GEH506CE0.75	0.75	0.12	16.2	0.25	13	0.4	6.2	0.804	PBKV-46-404-01	PX-60ZY		
		6	GEH506CE1.5	1.5	0.12	23.5	0.25	21	0.4	15.2	0.74		PBKV-46-404-02	PX-60Z	
		7	GEI506CE2.2	2.2	0.12	31	0.25	27.8	0.4	21.5	0.67				
		8	GEJ506CE3.7	3.7	0.12	48	0.25	41.5	0.4	30	0.54	QRE-01A			
		9	GEJ506CE5.5	5.5	0.12	56.5	0.25	52.5	0.4	43	0.41				
		10	GEK506CE7.5	7.5	0.12	71	0.25	68	0.4	57.5	0.26				
65	50	11	GEH656CE2.2	2.2	0.25	21.2	0.5	18.2	0.8	12.2	0.75	PBKV-46-404-01	PX-60Z		
		12	GEI656CE3.7	3.7	0.25	32	0.5	27.5	0.8	18.8	0.66			QRE-01A	
		13	GEJ656CE5.5	5.5	0.25	42	0.5	36	0.8	22	0.56				
		14	GEJ656CE7.5	7.5	0.25	53.5	0.5	47.5	0.8	34	0.43				
80	65	15	GEI806CE5.5	5.5	0.5	30	1.0	23.5	1.6	11	0.66	QRE-01A	PX-60Z		
		16	GEI806CE7.5	7.5	0.5	35.5	1.0	29.5	1.6	18	0.61				

Standard end suction

For circulation  
line pump

Stainless  
Magnet Coupling

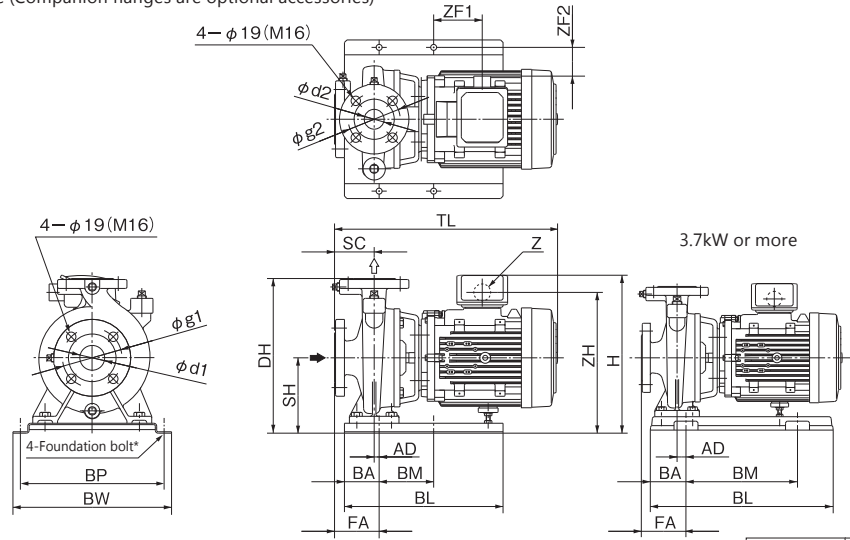
Self priming type

Standard accessory



# GE-C Type

**Outline dimension table** Inquire specification sheets and drawings in case of actual work planing  
 Flange: JIS 10K Standard type (Companion flanges are optional accessories)



\*Foundation bolts are optional accessories  
 • Recommend foundation bolt size: M10×125

GE-C/HD/000 E

50Hz

Unit : mm

Bore d1	Bore d2	Model	Motor kW	Material of impeller	Combinations								Base					Flange				Others				Mass kg
					SC	TL	DH	SH	AD	FA	H	BL	BA	BM	BP	BW	d1	d2	g1	g2	ZF1	ZF2	ZH	Z		
40	32	GEI405CE0.75	0.75	Cast iron	65	414	272	132	22	87	275	320	60	130	230	260	40	32	105	100	41	28	241	G3/4	24	
		GEJ405CE1.5	1.5		80	452	312	152	0	80	-	320	60	130	290	320	40	32	105	100	85	28	272	G3/4	35	
		GEJ405CE2.2	2.2		80	447	312	152	0	80	319	320	60	130	290	320	40	32	105	100	90	58	284	G3/4	42	
50	40	GEH505CE0.75	0.75	Cast iron	65	414	272	132	22	87	275	320	60	130	230	260	50	40	120	105	41	28	241	G3/4	26	
		GEI505CE1.5	1.5		80	457	272	132	0	80	287	320	60	130	230	260	50	40	120	105	85	28	252	G3/4	36	
		GEJ505CE2.2	2.2		80	452	312	152	0	80	319	320	60	130	290	320	50	40	120	105	90	58	284	G3/4	43	
		GEJ505CE3.7	3.7	Bronze	80	492	327	167	5	85	389	400	65	270	290	324	50	40	120	105	-55	58	299	G3/4	52	
		GEK505CE5.5	5.5		80	559	375	195	5	85	389	400	65	270	290	324	50	40	120	105	8	54	353	G1	76	
65	50	GEH655CE1.5	1.5	Cast iron	80	452	272	132	0	80	287	320	60	130	230	260	65	50	140	120	80	28	252	G3/4	34	
		GEI655CE2.2	2.2		80	452	272	132	0	80	298	320	60	130	290	320	65	50	140	120	90	58	264	G3/4	43	
		GEJ655CE3.7	3.7		80	492	327	167	5	85	334	400	65	270	290	324	65	50	140	120	-55	58	299	G3/4	54	
		GEK655CE5.5	5.5	Bronze	100	579	375	195	5	105	389	400	65	270	350	384	65	50	140	120	8	84	353	G1	78	
		GEK655CE7.5	7.5		100	595	375	195	5	105	400	400	65	270	350	384	65	50	140	120	-19	84	365	G1	97	
80	65	GEI805CE3.7	3.7	Cast iron	100	522	327	167	5	105	334	400	65	270	290	324	80	65	150	140	-45	58	299	G3/4	56	
		GEJ805CE5.5	5.5		100	584	375	195	5	105	389	400	65	270	350	384	80	65	150	140	13	84	353	G1	76	
		GEJ805CE7.5	7.5		100	600	375	195	5	105	400	400	65	270	350	384	80	65	150	140	-14	84	365	G1	94	

Note) H is omitted in case  $H \leq DH$ , ZF1 (-) shows reverse direction to the drawing

GE-C/Hd/500 E

60Hz

Unit : mm

Bore d1	Bore d2	Model	Motor kW	Material of impeller	Combinations								Base					Flange				Others				Mass kg
					SC	TL	DH	SH	AD	FA	H	BL	BA	BM	BP	BW	d1	d2	g1	g2	ZF1	ZF2	ZH	Z		
40	32	GEH406CE0.75	0.75	Cast iron	65	414	245	120	22	87	263	320	60	130	230	260	40	32	105	100	41	28	229	G3/4	23	
		GEI406CE1.5	1.5		65	440	272	132	22	87	287	320	60	130	230	260	40	32	105	100	61	28	252	G3/4	32	
		GEJ406CE2.2	2.2	Bronze	80	447	312	152	0	80	319	320	60	130	290	320	40	32	105	100	90	58	284	G3/4	41	
		GEJ406CE3.7	3.7		80	487	327	167	5	85	334	400	65	270	290	324	40	32	105	100	-60	58	299	G3/4	47	
50	40	GEH506CE0.75	0.75	Cast iron	65	414	272	132	22	87	275	320	60	130	230	260	50	40	120	105	41	28	241	G3/4	26	
		GEI506CE1.5	1.5		65	440	272	132	22	87	287	320	60	130	230	260	50	40	120	105	61	28	252	G3/4	32	
		GEJ506CE2.2	2.2		80	452	272	132	0	80	299	320	60	130	230	260	50	40	120	105	90	28	264	G3/4	41	
		GEJ506CE3.7	3.7	Bronze	80	492	327	167	5	85	334	400	65	270	290	324	50	40	120	105	-55	58	299	G3/4	52	
		GEJ506CE5.5	5.5		80	559	355	195	5	85	389	400	65	270	290	324	50	40	120	105	8	54	353	G1	68	
		GEK506CE7.5	7.5		80	575	375	195	5	85	400	400	65	270	290	324	50	40	120	105	-19	54	365	G1	94	
65	50	GEH656CE2.2	2.2	Cast iron	80	447	272	132	0	80	299	320	60	130	230	260	65	50	140	120	85	28	264	G3/4	40	
		GEI656CE3.7	3.7		80	492	315	175	5	85	342	400	65	270	290	324	65	50	140	120	-55	58	307	G3/4	52	
		GEJ656CE5.5	5.5	Bronze	80	559	355	195	5	85	389	400	65	270	290	324	65	50	140	120	8	54	353	G1	72	
		GEJ656CE7.5	7.5		80	575	355	195	5	85	400	400	65	270	290	324	65	50	140	120	-19	54	365	G1	90	
80	65	GEI806CE5.5	5.5	Cast iron	100	584	355	195	5	105	389	400	65	270	290	324	80	65	150	140	13	54	353	G1	71	
		GEI806CE7.5	7.5		100	600	355	195	5	105	400	400	65	270	290	324	80	65	150	140	-14	54	365	G1	89	

Note) H is omitted in case  $H \leq DH$ , ZF1 (-) shows reverse direction to the drawing

GE-C/Hd/600 E

Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory