



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

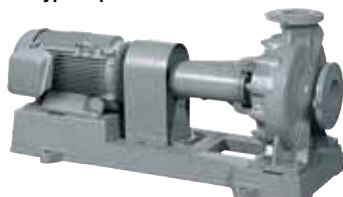
GF type 4 pole

GD type 2/4 pole

GDF type 4 pole



P.20



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

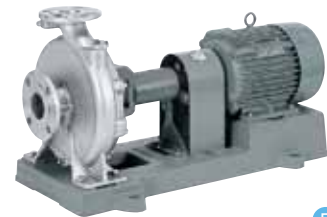
GES-C 2 pole compact



P.41

GES-2M

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

GSO₃-C 2 pole self priming pump



P.51

Explanation of the Model Name (ex.)

GEI 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

Resin material

Stainless steel models are also available

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



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

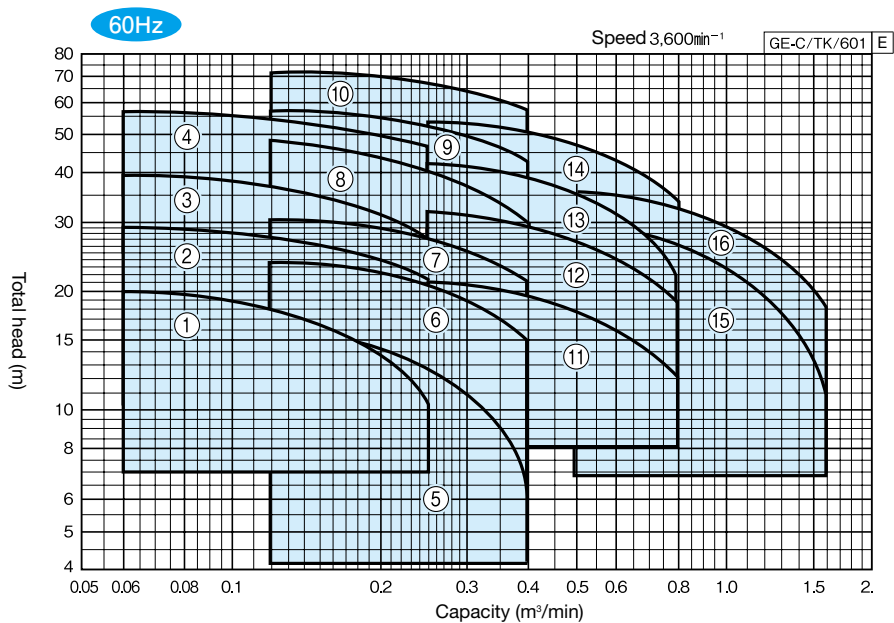
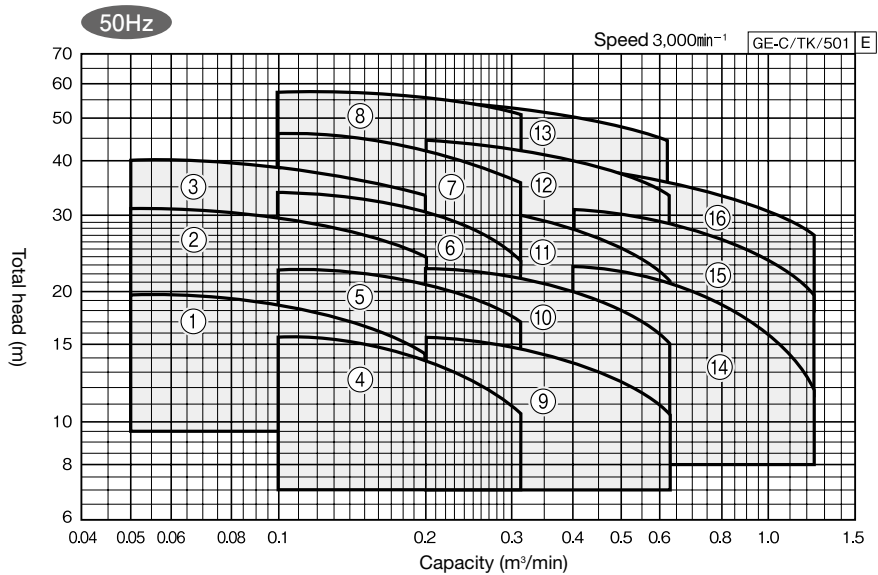
Standard specifications

- 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



Standard end suction

For circulation
line pump

Stainless
Magnet
Coupling

Self priming type

Standard accessory

Specification table

50Hz

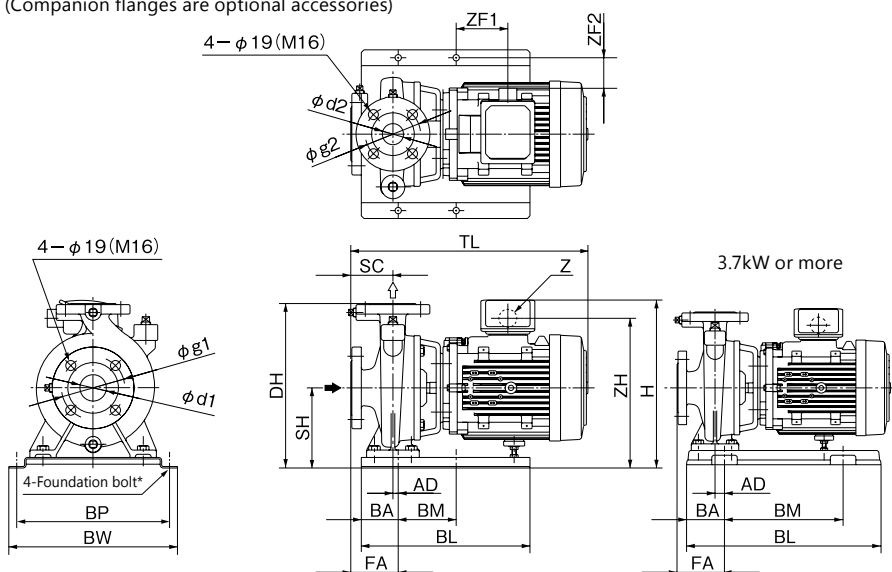
Bore d1 mm	Bore d2 mm	Ref	Model	Motor	Performance						Maximum back pressure MPa	Vibration isolator application table			
					Capacity		Total head		Capacity					Total head	
					kW	m ³ /min	m	m ³ /min	m	m ³ /min				m	
40	32	1	GEI405CE0.75	0.75	0.05	19.8	0.12	18	0.2	14.5	0.77	PBKV-46-404-01	PX-60ZY		
		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				
		6	GEJ505CE2.2	2.2	0.1	34.5	0.2	31	0.32	24	0.63	QRE-01A	PX-60Z		
		7	GEJ505CE3.7	3.7	0.1	45.5	0.2	42.5	0.32	36.5	0.53				
		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				
		11	GEJ655CE3.7	3.7	0.2	32.5	0.4	28.5	0.63	21	0.65	QRE-01A	PX-85Z		
		12	GEK655CE5.5	5.5	0.2	45	0.4	41	0.63	34	0.52				
		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				
		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	Performance						Maximum back pressure MPa	Vibration isolator application table			
					Capacity		Total head		Capacity					Total head	
					kW	m ³ /min	m	m ³ /min	m	m ³ /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				
		3	GEJ406CE2.2	2.2	0.06	39.5	0.16	35	0.25	27.5	0.58	QRE-01A	PX-60Z		
		4	GEJ406CE3.7	3.7	0.06	57	0.16	52.5	0.25	46.5	0.25				
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				
		7	GEI506CE2.2	2.2	0.12	31	0.25	27.8	0.4	21.5	0.67	QRE-01A	PX-60Z		
		8	GEJ506CE3.7	3.7	0.12	48	0.25	41.5	0.4	30	0.54				
		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				
		13	GEJ656CE5.5	5.5	0.25	42	0.5	36	0.8	22	0.56	QRE-01A	PX-60Z		
		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				

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	
		GEK405CE2.2	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	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	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	
		GEK805CE7.5	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

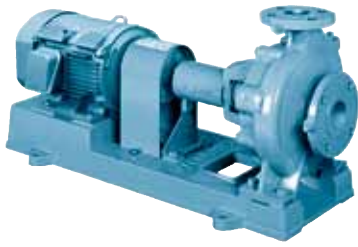
Bore d1	Bore d2	Model	Motor kW	Material of impeller	Combinations								Base					Flange				Others				Mass kg
					SC	TL	DH	SH	AD	FA	H	BL	BA	BM	BP	BW	d1	d2	g1	g2	ZF1	ZF2	ZH	Z		
40	32	GEH406CE0.75	0.75	Cast iron	65	414	245	120	22	87	263	320	60	130	230	260	40	32	105	100	41	28	229	G3/4	23	
		GEI406CE1.5	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	80	447	312	152	0	80	319	320	60	130	290	320	40	32	105	100	90	58	284	G3/4	41		
		GEK406CE3.7	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	80	492	327	167	5	85	334	400	65	270	290	324	50	40	120	105	-55	58	299	G3/4	52		
		GEK506CE7.5	7.5	80	559	355	195	5	85	389	400	65	270	290	324	50	40	120	105	8	54	353	G1	68		
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	80	559	355	195	5	85	389	400	65	270	290	324	65	50	140	120	8	54	353	G1	72		
		GEK656CE7.5	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	
		GEK806CE7.5	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

GE-2M Type Centrifugal pump

2 pole



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
- Simple end suction top centerline discharge position enable steady installation with high discharge pipe loading
- Wide applications for various usages
- Evaluated item of <Horizontal centrifugal pump> by (C) Public Buildings Association., Ltd. (in Japan)

Standard specifications

- Liquid Clean water 0~90°C (there should be no freezing)
- Materials Impeller: Cast iron, Bronze or Aluminum bronze
Shaft : SUS403 (portion contacting liquid)
Casing : Cast iron
- Shaft sealing Mechanical seal (Ceramic x Carbon)
- Motor TEFC outdoor
- Flange JIS 10K Standard type

Standard accessories

Motor, Base, Coupling, Coupling cover, Priming plug

Maximum back pressure

Refer to Specification table

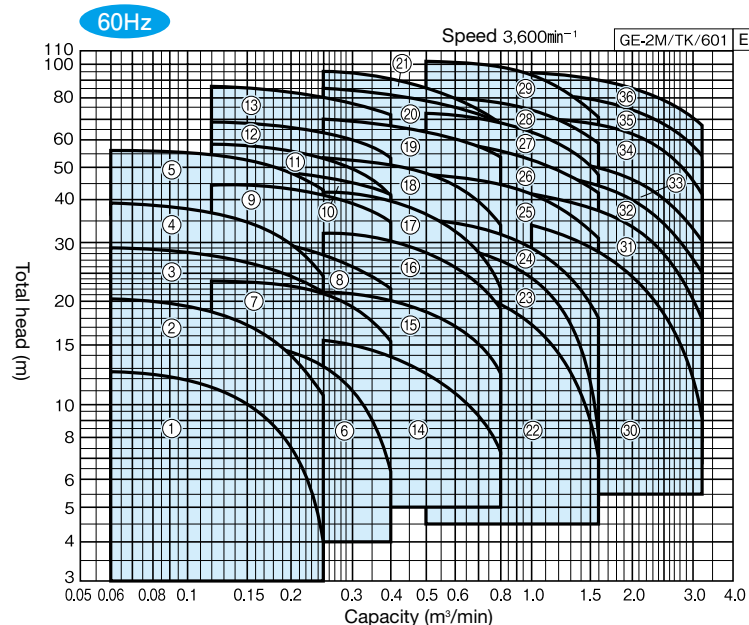
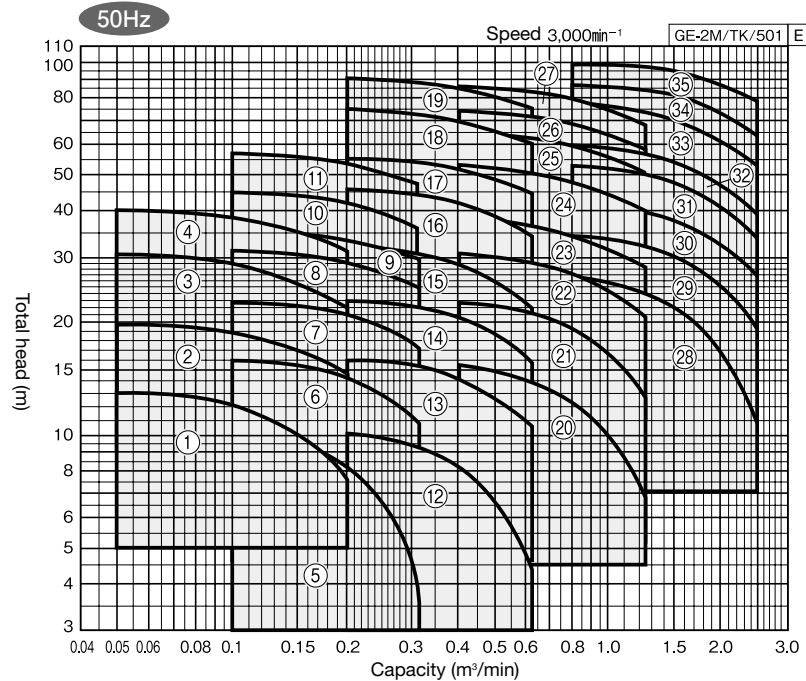
(1-Zero-discharge head of pump) MPa

Suction total head (20°C)

Suction bore (mm)	50Hz	60Hz
65 or less	-6m (-4.5m : 40 mm 0.4kW) -0.5m : 50 mm 0.4kW	-6m (-1.2m : 0.4kW -3.2m : 50 mm 0.75kW) -4.2m : 65 mm 1.5kW
80	-6m (-3.5m : 2.2kW)	-5.5m (-4m : 3.7kW)
100	-5m	-3m

Selection chart

These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.



Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

Specification table

50Hz

GE-2M/SI/512 E

Bore d1×d2 mm	Ref	Model	Motor kW	Performance						Maximum back pressure MPa	Vibration isolator application table			
				Capacity		Total head		Capacity					Total head	
				m ³ /min	m	m ³ /min	m	m ³ /min	m				m ³ /min	m
40 × 32	1	GEH-40×325M-2MN0.4	0.4	0.05	13	0.12	11.2	0.2	7.5	0.84	QRE-01A	PX-60ZY		
	2	GEI405M2ME0.75	0.75	0.05	19.8	0.12	18	0.2	14.5	0.77	QRE-01A	PX-60Z		
	3	GEJ405M2ME1.5	1.5	0.05	30.5	0.12	27.5	0.2	22	0.67	QRE-02A	PX-85Z		
	4	GEJ405M2ME2.2	2.2	0.05	40	0.12	37	0.2	31.5	0.58	QRE-02A	PX-85Z		
50 × 40	5	GEH-50×405M-2MN0.4	0.4	0.1	10.5	0.2	8.2	0.32	3.5	0.86	QRE-01A	PX-60ZY		
	6	GEI505M2ME0.75	0.75	0.1	15.8	0.2	14.2	0.32	10.5	0.81	QRE-01A	PX-60Z		
	7	GEI505M2ME1.5	1.5	0.1	22.5	0.2	20.8	0.32	17	0.74	QRE-04D	PX-85Z		
	8	GEJ505M2ME2.2	2.2	0.1	31	0.2	29	0.32	24.5	0.67	QRE-04D	PX-85Z		
	9	GEJ505M2ME3.7	3.7	0.1	35.5	0.2	33.5	0.32	29.8	0.63	QRE-04D	PX-95Z		
	10	GEK505M2ME3.7	3.7	0.1	44.5	0.2	41.5	0.32	35.5	0.52	QRE-04D	PX-95Z		
	11	GEK505M2ME5.5	5.5	0.1	56.5	0.2	52.5	0.32	47	0.39	QRE-04D	PX-95Z		
65 × 50	12	GEH655M2ME0.75	0.75	0.2	10	0.4	8.2	0.63	4.2	0.87	QRE-02A	PX-75Z		
	13	GEH655M2ME1.5	1.5	0.2	15.8	0.4	14	0.63	10.5	0.81	QRE-02A	PX-85Z		
	14	GEI655M2ME2.2	2.2	0.2	22.8	0.4	20.2	0.63	15.2	0.74	QRE-04D	PX-85Z		
	15	GEJ655M2ME3.7	3.7	0.2	32.5	0.4	28.5	0.63	21	0.65	QRE-04D	PX-95Z		
	16	GEK655M2ME5.5	5.5	0.2	45	0.4	41	0.63	34	0.52	QRE-04D	PX-95Z		
	17	GEK655M2ME7.5	7.5	0.2	54.5	0.4	50.5	0.63	43.5	0.42	QRE-05D	PX-95Z		
	18	GEL655M2ME11	11	0.2	75	0.4	69	0.63	59.5	0.22	QRE-05D	PX-110Z		
	19	GEL655M2ME15	15	0.2	90	0.4	84	0.63	74	0.059	QRE-06D	PX-110Z		
80 × 65	20	GEH805M2ME2.2	2.2	0.4	15.2	0.8	12.2	1.25	6.5	0.81	QRE-02A	PX-85Z		
	21	GEI805M2ME3.7	3.7	0.4	22.5	0.8	19	1.25	12	0.74	QRE-04D	PX-95Z		
	22	GEJ805M2ME5.5	5.5	0.4	30.5	0.8	26.5	1.25	20	0.66	QRE-04D	PX-95Z		
	23	GEJ805M2ME7.5	7.5	0.4	38.5	0.8	34	1.25	27.5	0.58	QRE-05D	PX-95Z		
	24	GEK805M2ME11	11	0.4	52	0.8	47	1.25	38.5	0.45	QRE-05D	PX-110Z		
	25	GEK805M2ME15	15	0.4	63.5	0.8	58.5	1.25	49.5	0.33	QRE-06D	PX-110Z		
	26	GEL805M2ME18	18.5	0.4	74	0.8	67.5	1.25	57	0.32	QRE-08F	PX-120Z		
	27	GEL805M2ME22	22	0.4	85	0.8	78	1.25	67	0.13	QRE-08F	PX-120Z		

GE-2M/SI/521 E

Bore d1×d2 mm	Ref	Model	Motor kW	Performance						Maximum back pressure MPa	Vibration isolator application table			
				Capacity		Total head		Capacity					Total head	
				m ³ /min	m	m ³ /min	m	m ³ /min	m				m ³ /min	m
100 × 80	28	GEI1005M2ME7.5	7.5	0.8	26.5	1.6	20.5	2.5	10.5	0.69	QRE-05D	PX-95Z		
	29	GEJ1005M2ME11	11	0.8	34	1.6	28.5	2.5	19	0.62	QRE-05D	PX-110Z		
	30	GEJ1005M2ME15	15	0.8	42	1.6	36	2.5	27	0.54	QRE-06D	PX-110Z		
	31	GEK1005M2ME18	18.5	0.8	52.5	1.6	45.5	2.5	33	0.44	QRE-08F	PX-120Z		
	32	GEK1005M2ME22	22	0.8	59	1.6	51.5	2.5	38.5	0.37	QRE-08F	PX-120Z		
	33	GEL1005M2ME30	30	0.8	76	1.6	68	2.5	51.5	0.22	QRE-09F	PX-130Z		
	34	GEL1005M2ME37	37	0.8	86	1.6	79	2.5	64.5	0.098	QRE-12F	PX-S146Z		
	35	GEL1005M2ME45	45	0.8	99	1.6	91	2.5	77	0	QRE-12F	PX-S146Z		

Standard end suction

For circulation
line pump

Stainless
Magnet Coupling

Self priming type

Standard accessory

60Hz

Bore d1×d2 mm	Ref	Model	Motor kW	Performance						Maximum back pressure MPa	Vibration isolator application table			
				Capacity		Total head		Capacity					Total head	
				m ³ /min	m	m ³ /min	m	m ³ /min	m				m ³ /min	m
40 × 32	1	GEH-40×326M-2MN0.4	0.4	0.06	12.8	0.16	9.5	0.25	4.2	0.84	QRE-01A	PX-60ZY		
	2	GEH406M2ME0.75	0.75	0.06	20	0.16	16.5	0.25	10.5	0.77	QRE-01A	PX-60Z		
	3	GEI406M2ME1.5	1.5	0.06	29	0.16	26	0.25	21.5	0.68	QRE-02A	PX-75Z		
	4	GEJ406M2ME2.2	2.2	0.06	39	0.16	33.5	0.25	24	0.58	QRE-02A	PX-85Z		
	5	GEJ406M2ME3.7	3.7	0.06	55.5	0.16	51	0.25	42.5	0.40	QRE-02A	PX-85Z		
50 × 40	6	GEH506M2ME0.75	0.75	0.12	16.2	0.25	13	0.4	6.2	0.80	QRE-01A	PX-60Z		
	7	GEH506M2ME1.5	1.5	0.12	23.5	0.25	21	0.4	15.2	0.74	QRE-02A	PX-75Z		
	8	GEI506M2ME2.2	2.2	0.12	31	0.25	27.8	0.4	21.8	0.67	QRE-04D	PX-85Z		
	9	GEJ506M2ME3.7	3.7	0.12	44	0.25	41	0.4	34.5	0.54	QRE-04D	PX-95Z		
	10	GEJ506M2ME5.5	5.5	0.12	50.5	0.25	47	0.4	41.5	0.47	QRE-04D	PX-95Z		
	11	GEK506M2ME5.5	5.5	0.12	57.5	0.25	52.5	0.4	41.5	0.39	QRE-04D	PX-95Z		
	12	GEK506M2ME7.5	7.5	0.12	69	0.25	63	0.4	53.5	0.25	QRE-04D	PX-95Z		
	13	GEK506M2ME11	11	0.12	86	0.25	80	0.4	72	0.098	QRE-05D	PX-110Z		
65 × 50	14	GEH656M2ME1.5	1.5	0.25	15.2	0.5	12.5	0.8	7.2	0.82	QRE-02A	PX-85Z		
	15	GEH656M2ME2.2	2.2	0.25	21.2	0.5	18.2	0.8	12.2	0.76	QRE-02A	PX-85Z		
	16	GEI656M2ME3.7	3.7	0.25	32	0.5	27.5	0.8	18.8	0.66	QRE-04D	PX-95Z		
	17	GEJ656M2ME5.5	5.5	0.25	42	0.5	36	0.8	22	0.54	QRE-04D	PX-95Z		
	18	GEJ656M2ME7.5	7.5	0.25	53.5	0.5	47.5	0.8	34	0.43	QRE-04D	PX-95Z		
	19	GEK656M2ME11	11	0.25	70	0.5	64.5	0.8	53	0.26	QRE-05D	PX-110Z		
	20	GEK656M2ME15	15	0.25	84	0.5	79	0.8	68	0.13	QRE-05D	PX-110Z		
	21	GEL656M2ME18	18.5	0.25	96	0.5	86	0.8	68	0	QRE-08F	PX-120Z		
80 × 65	22	GEH806M2ME3.7	3.7	0.5	22	1.0	17	1.6	7	0.74	QRE-02A	PX-85Z		
	23	GEI806M2ME5.5	5.5	0.5	29.5	1.0	23	1.6	10.5	0.66	QRE-04D	PX-95Z		
	24	GEI806M2ME7.5	7.5	0.5	35	1.0	29	1.6	18	0.61	QRE-04D	PX-95Z		
	25	GEJ806M2ME11	11	0.5	47	1.0	41	1.6	30.5	0.50	QRE-05D	PX-110Z		
	26	GEJ806M2ME15	15	0.5	60	1.0	53.5	1.6	42	0.36	QRE-05D	PX-110Z		
	27	GEK806M2ME18	18.5	0.5	72	1.0	64	1.6	47.5	0.25	QRE-08F	PX-120Z		
	28	GEK806M2ME22	22	0.5	81	1.0	73	1.6	59	0.15	QRE-08F	PX-120Z		
	29	GEL806M2ME30	30	0.5	101	1.0	92	1.6	71	0	QRE-09F	PX-130Z		

Bore d1×d2 mm	Ref	Model	Motor kW	Performance						Maximum back pressure MPa	Vibration isolator application table			
				Capacity		Total head		Capacity					Total head	
				m ³ /min	m	m ³ /min	m	m ³ /min	m				m ³ /min	m
100 × 80	30	GEI1006M2ME11	11	1.0	34	2.0	24.5	3.15	8.5	0.62	QRE-05D	PX-110Z		
	31	GEI1006M2ME15	15	1.0	41	2.0	33.5	3.15	17.5	0.54	QRE-05D	PX-110Z		
	32	GEJ1006M2ME18	18.5	1.0	48.5	2.0	39.5	3.15	24.5	0.46	QRE-08F	PX-120Z		
	33	GEJ1006M2ME22	22	1.0	55.5	2.0	46	3.15	29.5	0.39	QRE-08F	PX-120Z		
	34	GEK1006M2ME30	30	1.0	72	2.0	61.5	3.15	40.5	0.25	QRE-09F	PX-130Z		
	35	GEK1006M2ME37	37	1.0	84	2.0	73	3.15	52	0.12	QRE-10F	PX-130Z		
	36	GEK1006M2ME45	45	1.0	93	2.0	85	3.15	66	0.049	QRE-10F	PX-S146Z		

Standard end suction

For circulation
line pump

Stainless
Magnet Coupling

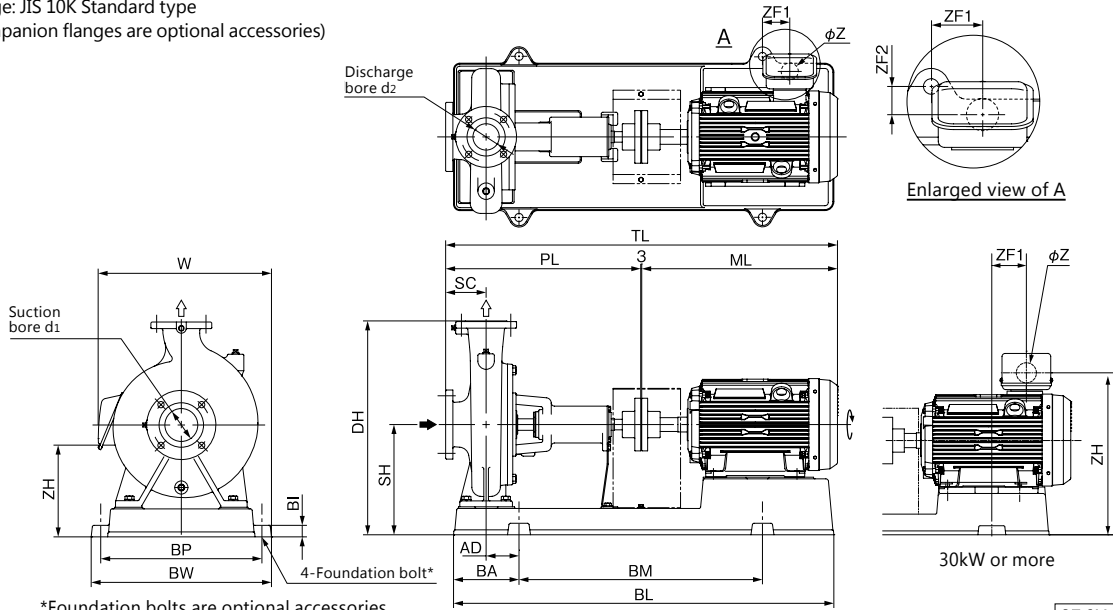
Self priming type

Standard accessory

GE-2M 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)



GE-2M/HD/000 E

50Hz

Unit : mm

Bore d_1	Bore d_2	Model	Motor kW	Material of impeller	Pump		Base						Combinations							Mass kg						
					SC	PL	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	W	ML	ZF1		ZF2	ZH	Z			
40	32	GEH-40×325M-2MN0.4	0.4	Cast iron	65	265	20	467	82	300	200	236	280	155	506	35	—	238	-29	29	151	12	31			
		GEI405M2ME0.75	0.75		65	265	20	468	82	300	230	266	317	177	530	35	278	262	48	-3	160	27	40			
		GEJ405M2ME1.5	1.5	Bronze	80	360	25	648	112	420	290	336	347	187	675	50	—	312	35	13	174	27	55			
		GEJ405M2ME2.2	2.2		80	360	25	648	112	420	290	336	347	187	675	50	—	312	35	13	174	27	57			
50	40	GEH-50×405M-2MN0.4	0.4	Cast iron	65	265	20	468	82	300	230	266	307	167	506	35	—	238	-43	44	163	12	33			
		GEH505M2ME0.75	0.75		65	265	20	468	82	300	230	266	317	177	530	35	278	262	48	-3	160	27	40			
		GEI505M2ME1.5	1.5		80	440	25	726	127	480	290	336	307	167	755	60	—	312	45	13	154	27	61			
		GEJ505M2ME2.2	2.2		80	440	25	722	120	480	290	336	347	187	755	55	—	312	50	13	174	27	64			
		GEJ505M2ME3.7	3.7	Bronze	80	440	25	818	138	540	320	366	357	197	830	70	—	381	22	8	190	27	85			
		GEK505M2ME3.7	3.7		80	440	25	821	138	540	320	366	405	225	833	70	—	381	22	8	218	27	98			
		GEK505M2ME5.5	5.5		80	440	25	819	138	540	350	396	405	225	894	70	—	451	67	2	215	27	112			
		GEH655M2ME0.75	0.75		Cast iron	80	360	20	577	102	370	230	266	307	167	625	35	278	262	58	-3	150	27	46		
GEH655M2ME1.5	1.5	80	360	20		646	112	420	230	266	307	167	675	45	291	312	40	-17	154	27	51					
GEI655M2ME2.2	2.2	80	440	25		726	127	480	290	336	307	167	755	60	—	312	45	13	154	27	64					
GEJ655M2ME3.7	3.7	80	440	25		818	138	540	320	366	357	197	830	70	—	381	22	8	190	27	88					
GEK655M2ME5.5	5.5	Bronze	100	460		25	819	138	540	350	396	405	225	914	70	—	451	67	2	215	27	117				
GEK655M2ME7.5	7.5		100	460		25	819	138	540	350	396	405	225	914	70	—	451	67	2	215	27	123				
GEL655M2ME11	11		Aluminium Bronze	100		460	35	918	158	600	400	458	470	245	1038	75	496	575	116	-23	227	56	169			
GEL655M2ME15	15			100		460	35	918	158	600	400	458	470	245	1038	75	496	575	116	-23	227	56	179			
80	65	GEH805M2ME2.2	2.2	Cast iron	100	380	25	648	112	420	290	336	347	187	695	50	—	312	35	13	174	27	60			
		GEI805M2ME3.7	3.7		100	460	25	818	138	540	320	366	357	197	850	70	—	381	22	8	190	27	96			
		GEJ805M2ME5.5	5.5		100	460	25	819	138	540	350	396	405	225	914	70	—	451	67	2	215	27	116			
		GEJ805M2ME7.5	7.5		100	460	25	819	138	540	350	396	405	225	914	70	—	451	67	2	215	27	122			
		GEK805M2ME11	11	Bronze	100	460	35	916	158	600	400	458	425	225	1038	90	496	575	101	-23	207	56	160			
		GEK805M2ME15	15		100	460	35	916	158	600	400	458	425	225	1038	90	496	575	101	-23	207	56	170			
		GEL805M2ME18	18.5		Aluminium Bronze	100	460	35	1018	178	660	400	458	470	245	1082	95	496	619	80	-23	227	56	219		
		GEL805M2ME22	22			100	460	35	1016	178	660	440	498	470	245	1107	95	541	644	87	-21	226	56	249		
		100	80		GEI1005M2ME7.5	7.5	Cast iron	100	460	25	819	138	540	350	396	405	225	914	60	—	451	77	-2	215	27	128
					GEJ1005M2ME11	11		100	460	35	916	158	600	400	458	425	225	1038	75	496	575	116	23	207	56	163
GEJ1005M2ME15	15			Bronze	100	460	35	916	158	600	400	458	425	225	1038	75	496	575	116	23	207	56	173			
GEK1005M2ME18	18.5				100	460	35	1018	178	660	400	458	470	245	1082	95	496	619	80	23	227	56	209			
GEK1005M2ME22	22				100	460	35	1016	178	660	440	498	470	245	1107	95	538	644	87	21	233	56	244			
GEL1005M2ME30	30				100	570	35	1140	199	740	440	498	535	285	1293	100	—	720	188	145	534	56	348			
GEL1005M2ME37	37				Aluminium Bronze	100	570	35	1268	214	840	490	548	535	285	1324	115	—	751	59	113	583	90	399		
GEL1005M2ME45	45					100	570	35	1268	214	840	490	548	535	285	1324	115	—	751	59	113	583	90	413		

Note 1) W is omitted in case W, BW Gland packing types also have same dimensions.

Note 2) If the motor end is within the base, $TL \geq PL+3+ML$ applies.

Note 3) <-> shows revers direction to the drawing in this table

GE-2M/Hd/500 E

Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

GE-2M Type

60Hz

Unit : mm

Bore		Model	Motor kW	Material of impeller	Pump		Base						Combinations								Mass kg		
d ₁	d ₂				SC	PL	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	W	ML	ZF1	ZF2		ZH	Z
40	32	GEH-40×326M-2MN0.4	0.4	Cast iron	65	265	20	467	82	300	200	236	280	155	506	35	-	238	29	29	151	12	31
		GEH406M2ME0.75	0.75		65	265	20	466	82	300	210	246	280	155	530	35	268	262	48	13	138	27	37
		GEI406M2ME1.5	1.5		65	265	20	516	92	330	230	266	307	167	580	45	291	312	50	17	154	27	44
		GEJ406M2ME2.2	2.2		80	360	25	648	112	420	290	336	347	187	675	50	-	312	35	-13	174	27	57
		GEJ406M2ME3.7	3.7		80	360	25	648	112	420	290	336	357	197	744	50	349	381	82	7	190	27	75
50	40	GEH506M2ME0.75	0.75	Cast iron	65	265	20	468	82	300	230	266	317	177	530	35	278	262	48	3	160	27	39
		GEH506M2ME1.5	1.5		65	265	20	516	92	330	230	266	307	167	580	45	291	312	50	17	154	27	43
		GEI506M2ME2.2	2.2		80	440	25	726	127	480	290	336	307	167	755	60	-	312	45	-13	154	27	60
		GEJ506M2ME3.7	3.7		80	440	25	818	138	540	320	366	357	197	830	70	-	381	22	-8	190	27	85
		GEJ506M2ME5.5	5.5	80	440	25	816	138	540	350	396	357	197	894	70	-	451	67	-2	217	27	101	
		GEK506M2ME5.5	5.5	80	440	25	819	138	540	350	396	405	225	894	70	-	451	67	-2	215	27	111	
		GEK506M2ME7.5	7.5	80	440	25	819	138	540	350	396	405	225	894	70	-	451	67	-2	215	27	118	
		GEK506M2ME11	11	Aluminium Bronze	80	440	35	916	158	600	400	458	405	225	1018	90	496	575	101	23	207	56	141
65	50	GEH656M2ME1.5	1.5	Cast iron	80	360	20	646	112	420	230	266	307	167	675	45	291	312	40	17	154	27	51
		GEH656M2ME2.2	2.2		80	360	20	648	112	420	260	296	307	167	675	45	306	312	40	2	154	56	51
		GEI656M2ME3.7	3.7		80	440	25	816	138	540	320	366	317	177	828	70	-	381	22	-8	170	56	87
		GEJ656M2ME5.5	5.5		80	440	25	816	138	540	350	396	357	197	894	70	-	451	67	-2	187	56	104
		GEJ656M2ME7.5	7.5	80	440	25	816	138	540	350	396	357	197	894	70	-	451	67	-2	187	56	110	
		GEK656M2ME11	11	Bronze	100	460	35	916	158	600	400	458	405	225	1038	90	496	575	101	23	207	56	156
		GEK656M2ME15	15	100	460	35	916	158	600	400	458	405	225	1038	90	496	575	101	23	207	90	167	
		GEL656M2ME18	18.5	Aluminium Bronze	100	460	35	1018	178	660	400	458	470	245	1082	95	496	619	80	23	227	90	204
80	65	GEH806M2ME3.7	3.7	Cast iron	100	380	25	648	112	420	290	336	357	197	764	50	349	381	82	7	190	27	80
		GEI806M2ME5.5	5.5		100	460	25	816	138	540	350	396	357	197	914	70	-	451	67	-2	187	27	111
		GEI806M2ME7.5	7.5		100	460	25	816	138	540	350	396	357	197	914	70	-	451	67	-2	187	27	117
		GEJ806M2ME11	11		100	460	35	916	158	600	400	458	405	225	1038	90	496	575	101	23	207	56	154
		GEJ806M2ME15	15	100	460	35	916	158	600	400	458	405	225	1038	90	496	575	101	23	207	56	164	
		GEK806M2ME18	18.5	Bronze	100	460	35	1016	178	660	400	458	425	225	1082	110	496	619	65	23	207	56	195
		GEK806M2ME22	22	100	460	35	1018	180	660	440	498	445	245	1107	110	538	644	72	24	233	56	231	
		GEL806M2ME30	30	Aluminium Bronze	100	460	35	1016	178	660	440	498	470	245	1183	95	-	720	163	145	494	56	324
100	80	GEI1006M2ME11	11	Cast iron	100	460	35	916	158	600	400	458	405	225	1038	75	496	575	116	23	207	56	160
		GEI1006M2ME15	15		100	460	35	916	158	600	400	458	405	225	1038	75	496	575	116	23	207	56	171
		GEJ1006M2ME18	18.5		100	460	35	1016	178	660	400	458	425	225	1082	95	496	619	80	23	207	56	198
		GEJ1006M2ME22	22	100	460	35	1018	180	660	440	498	445	245	1107	95	538	644	87	21	233	56	234	
		GEK1006M2ME30	30	Bronze	100	460	35	1016	178	660	440	498	470	245	1183	95	-	720	163	145	494	56	328
		GEK1006M2ME37	37	100	460	35	1138	200	740	400	458	490	265	1214	115	-	751	49	113	563	90	369	
		GEK1006M2ME45	45	100	460	35	1138	200	740	400	458	490	265	1214	115	-	751	49	113	563	90	379	

Note 1) W is omitted in case W, BW Gland packing types also have same dimensions.

Note 2) If the motor end is within the base, TL ≥ PL+3+ML applies.

Note 3) <-> shows revers direction to the drawing in this table

GE-2M/Hd/600 E

Standard end suction

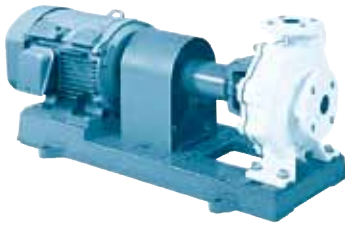
For circulation
line pump

Stainless
Magnet Coupling

Self priming type

Standard accessory

GEN-2M Type Centrifugal pump Nylon coating



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
- Simple end suction top centerline discharge position enable steady installation with high discharge pipe loading
- Wide applications for various usages
- Evaluated item of <Horizontal centrifugal pump> by (C) Public Buildings Association, Ltd. (in Japan)

Standard specifications

- Liquid Clean water 0~40°C (there should be no freezing)
- Materials Impeller: Bronze
Shaft : SUS316 (portion contacting liquid)
Casing : Castiron + Nylon coating
- Shaft sealing Mechanical seal (SiC x Carbon)
- Motor TEFC indoor
- Flange JIS 10K Standard type

Standard accessories

Motor, Base, Coupling, Coupling cover, Priming plug

Maximum back pressure

Refer to Specification table

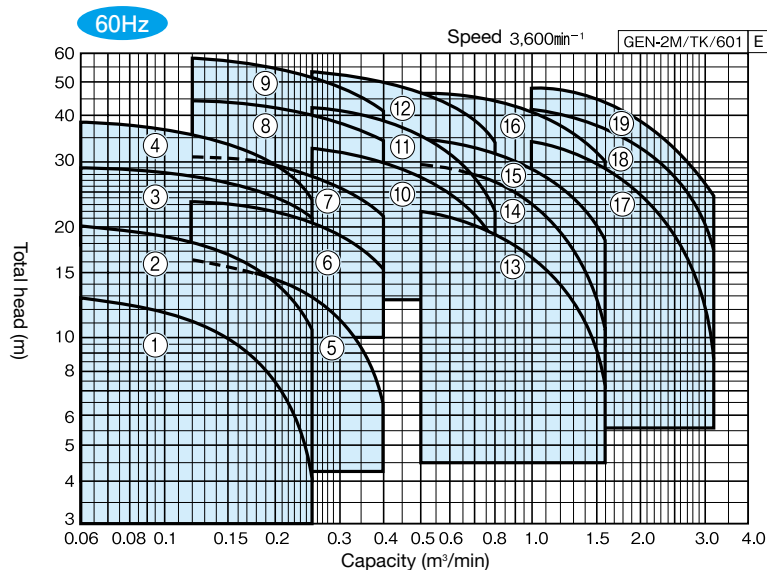
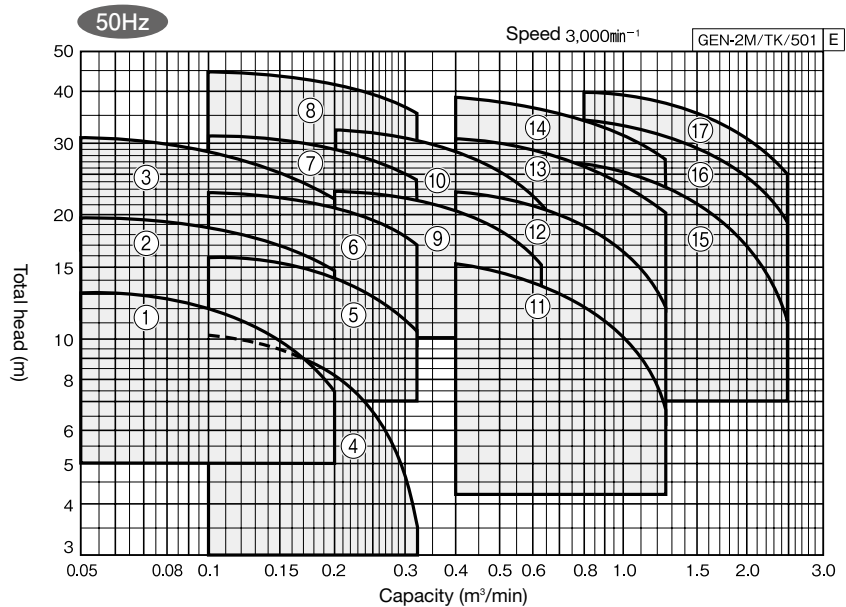
(1-Zero-discharge head of pump) MPa

Maximum suction total head

Refer to (P.6)

Selection chart

These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.



Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

Specification table

50Hz

GEN-2M/SI/501 E												
Bore mm	Ref	Model	Motor kW	Performance						Maximum back pressure MPa	Vibration isolator application table	
				Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m			
40 × 32	1	GEN-40×325M-2MN0.4	0.4	0.05	13	0.12	11.2	0.2	7.5	0.84	QRE-01A	PX-60ZY
	2	GEN405M2ME0.75	0.75	0.05	19.8	0.12	18	0.2	14.5	0.77	QRE-01A	PX-60Z
	3	GEN405M2ME1.5	1.5	0.05	30.5	0.12	27.5	0.2	22	0.67	QRE-02A	PX-85Z
50 × 40	4	GEN-50×405M-2MN0.4	0.4	0.1	10.5	0.2	8.2	0.32	3.5	0.86	QRE-01A	PX-60ZY
	5	GEN505M2ME0.75	0.75	0.1	15.8	0.2	14.2	0.32	10.5	0.81	QRE-01A	PX-60Z
40	6	GEN505M2ME1.5	1.5	0.1	22.5	0.2	20.8	0.32	17	0.74	QRE-04D	PX-85Z
	7	GEN505M2ME2.2	2.2	0.1	31	0.2	29	0.32	24.5	0.67	QRE-04D	PX-85Z
	8	GEN505M2ME3.7	3.7	0.1	44.5	0.2	41.5	0.32	35.5	0.52	QRE-04D	PX-95Z
65 × 50	9	GEN655M2ME2.2	2.2	0.2	22.8	0.4	20.2	0.63	15.2	0.74	QRE-04D	PX-85Z
	10	GEN655M2ME3.7	3.7	0.2	32.5	0.4	28.5	0.63	21	0.65	QRE-04D	PX-95Z
80 × 65	11	GEN805M2ME2.2	2.2	0.4	15.2	0.8	12.2	1.25	6.5	0.81	QRE-02A	PX-85Z
	12	GEN805M2ME3.7	3.7	0.4	22.5	0.8	19	1.25	12	0.73	QRE-04D	PX-95Z
	13	GEN805M2ME5.5	5.5	0.4	30.5	0.8	26.5	1.25	20	0.66	QRE-04D	PX-95Z
	14	GEN805M2ME7.5	7.5	0.4	38.5	0.8	34	1.25	27.5	0.58	QRE-05D	PX-95Z
100 × 80	15	GEN1005M2ME7.5	1.5	0.8	26.5	1.6	20.5	2.5	10.5	0.69	QRE-05D	PX-95Z
	16	GEN1005M2ME11	11	0.8	34	1.6	28.5	2.5	19	0.62	QRE-05D	PX-110Z
	17	GEN1005M2ME15	15	0.8	40	1.6	34.5	2.5	24.5	0.55	QRE-05D	PX-110Z

60Hz

GEN-2M/SI/602 E												
Bore mm	Ref	Model	Motor kW	Performance						Maximum back pressure MPa	Vibration isolator application table	
				Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m			
40 × 32	1	GEN-40×326M-2MN0.4	0.4	0.06	12.8	0.16	9.5	0.25	4.2	0.84	QRE-01A	PX-60ZY
	2	GEN406M2ME0.75	0.75	0.06	20	0.16	16.5	0.25	10.5	0.77	QRE-01A	PX-60Z
	3	GEN406M2ME1.5	1.5	0.06	29	0.16	26	0.25	21.5	0.68	QRE-02A	PX-75Z
	4	GEN406M2ME2.2	2.2	0.06	39	0.16	33.5	0.25	24	0.58	QRE-02A	PX-85Z
50 × 40	5	GEN506M2ME0.75	0.75	0.12	16.2	0.25	13	0.4	6.2	0.80	QRE-01A	PX-60Z
	6	GEN506M2ME1.5	1.5	0.12	23.5	0.25	21	0.4	15.2	0.74	QRE-02A	PX-75Z
	7	GEN506M2ME2.2	2.2	0.12	31	0.25	27.8	0.4	21.8	0.67	QRE-04D	PX-85Z
	8	GEN506M2ME3.7	3.7	0.12	44	0.25	41	0.4	34.5	0.54	QRE-04D	PX-95Z
	9	GEN506M2ME5.5	5.5	0.12	57.5	0.25	52.5	0.4	41.5	0.39	QRE-04D	PX-95Z
65 × 50	10	GEN656M2ME3.7	3.7	0.25	32	0.5	27.5	0.8	18.8	0.66	QRE-04D	PX-95Z
	11	GEN656M2ME5.5	5.5	0.25	42	0.5	36	0.8	22	0.54	QRE-04D	PX-95Z
	12	GEN656M2ME7.5	7.5	0.25	53.5	0.5	47.5	0.8	34	0.43	QRE-04D	PX-95Z
80 × 65	13	GEN806M2ME3.7	3.7	0.5	22	1.0	17	1.6	7	0.74	QRE-02A	PX-85Z
	14	GEN806M2ME5.5	5.5	0.5	29.5	1.0	23	1.6	10.5	0.66	QRE-04D	PX-95Z
	15	GEN806M2ME7.5	7.5	0.5	35	1.0	29	1.6	18	0.61	QRE-04D	PX-95Z
	16	GEN806M2ME11	11	0.5	47	1.0	41	1.6	30.5	0.50	QRE-05D	PX-110Z
100 × 80	17	GEN1006M2ME11	11	1.0	34	2.0	24.5	3.15	8.5	0.62	QRE-05D	PX-110Z
	18	GEN1006M2ME15	15	1.0	41	2.0	33.5	3.15	17.5	0.54	QRE-05D	PX-110Z
	19	GEN1006M2ME18	18.5	1.0	48.5	2.0	39.5	3.15	24.5	0.46	QRE-08F	PX-120Z

Standard end suction

For circulation
line pump

Stainless
Magnesit Coupling

Self priming type

Standard accessory

GE-4M Type Centrifugal pump

4 pole



Application



(Please inquire in case drinking water application)

Features

- 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
- Less vibration and quiet operation sound because of 4 pole motor
- Evaluated item of <Horizontal centrifugal pump> by (C) Public Buildings Association., Ltd. (in Japan)

Standard specifications

- Liquid Clean water 0~90°C (there should be no freezing)
- Materials Impeller: Cast iron or Bronze
Shaft : SUS403
Casing : Cast iron
- Shaft sealing Mechanical seal (SiC x Carbon)
- Motor TEFC indoor
- Flange JIS 10K Standard type

Standard accessories

Maximum back pressure

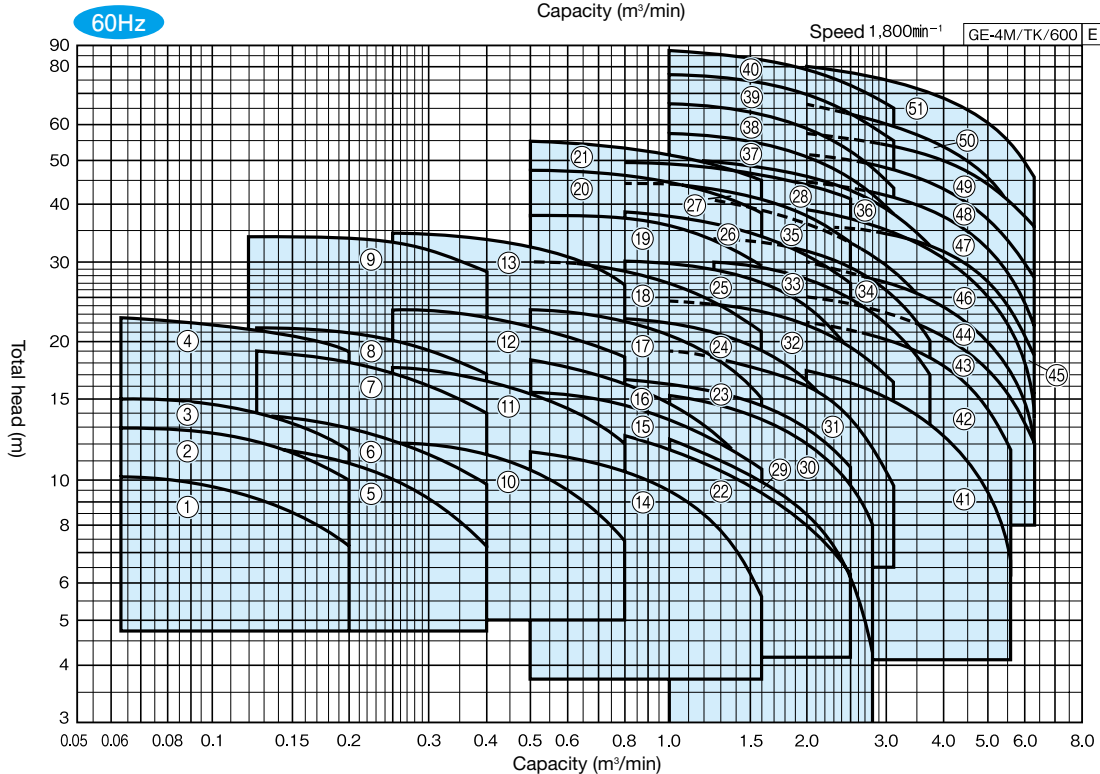
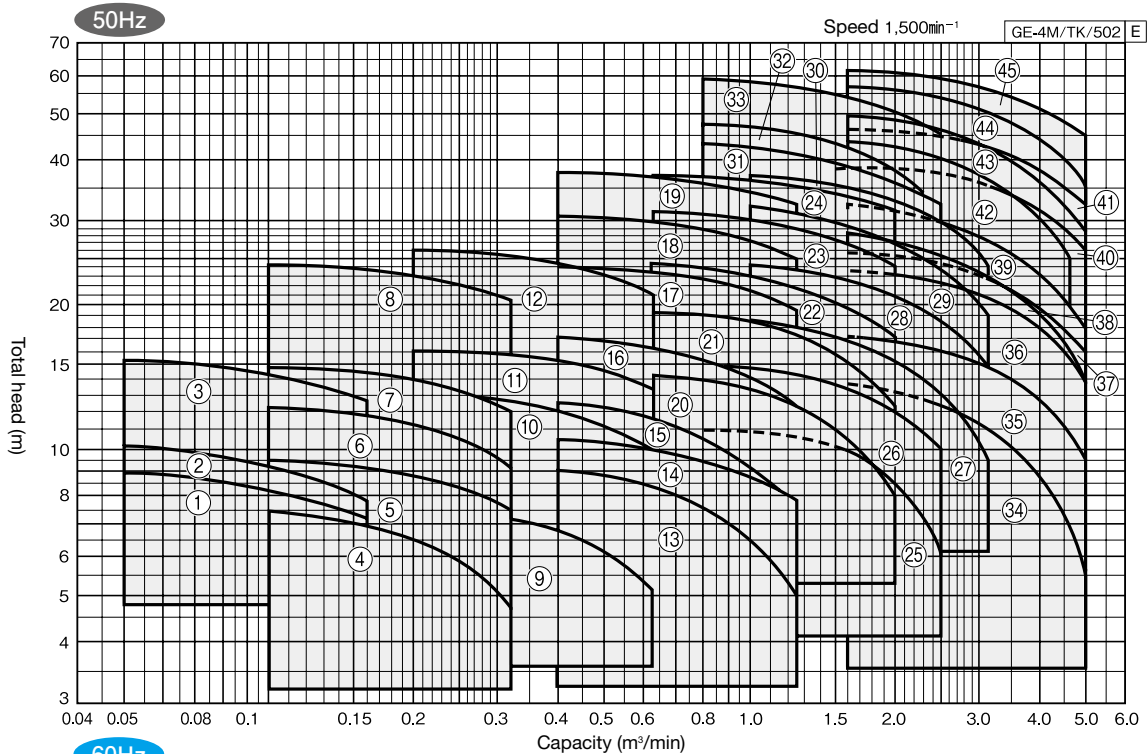
(1-Zero-discharge head of pump) MPa

Suction total head (20°C)

50Hz : -6m	(-4.5m : 50mm 0.4kW -5.0m : 65mm 0.75kW)
60Hz : -6m	(-5.5m : 150 mm)

Selection chart

These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.



Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

Specification table

50Hz

Bore d1×d2 mm	Ref	Model	Motor kW	Performance						Maximum back pressure MPa	Vibration isolator application table			
				Capacity		Total head		Capacity					Total head	
				m ³ /min	m	m ³ /min	m	m ³ /min	m				m ³ /min	m
40 × 32	1	GEJ-40×325M-4MN0.4	0.4	0.05	9	0.1	8.2	0.16	7.2	0.88	—	PX-85Z		
	2	GEK-40×325M-4MN0.4	0.4	0.05	10.2	0.1	9.2	0.16	7.8	0.86	QRE-02A	PX-85Z		
	3	GEK405M4ME0.75	0.75	0.05	15.2	0.1	14.2	0.16	12.5	0.81	QRE-04D	PX-85Z		
50 × 40	4	GEJ-50×405M-4MN0.4	0.4	0.1	7.5	0.2	6.5	0.32	4.8	0.89	—	PX-85Z		
	5	GEJ505M4ME0.75	0.75	0.1	9.5	0.2	8.8	0.32	7.5	0.88	QRE-04D	PX-85Z		
	6	GEK505M4ME0.75	0.75	0.1	12.2	0.2	11.2	0.32	9.2	0.85	QRE-04D	PX-85Z		
	7	GEK505M4ME1.5	1.5	0.1	14.8	0.2	14	0.32	12	0.82	QRE-04D	PX-85Z		
	8	GEL505M4ME2.2	2.2	0.1	24.2	0.2	23	0.32	20.5	0.73	QRE-04D	PX-110Z		
65 × 50	9	GEJ655M4ME0.75	0.75	0.2	8	0.4	6.8	0.63	5.2	0.89	QRE-04D	PX-85Z		
	10	GEK655M4ME1.5	1.5	0.2	13	0.4	12	0.63	10	0.84	QRE-04D	PX-85Z		
	11	GEK655M4ME2.2	2.2	0.2	16	0.4	15.2	0.63	13.2	0.8	QRE-04D	PX-85Z		
	12	GEL655M4ME3.7	3.7	0.2	26	0.4	24.5	0.63	21	0.72	QRE-04D	PX-110Z		
80 × 65	13	GEJ805M4ME1.5	1.5	0.4	9	0.8	7.5	1.25	5	0.87	QRE-04D	PX-85Z		
	14	GEJ805M4ME2.2	2.2	0.4	10.5	0.8	9.5	1.25	7.8	0.86	QRE-04D	PX-95Z		
	15	GEK805M4ME2.2	2.2	0.4	12.5	0.8	10.5	1.25	7.5	0.84	QRE-04D	PX-110Z		
	16	GEK805M4ME3.7	3.7	0.4	17	0.8	15.2	1.25	12.2	0.79	QRE-04D	PX-110Z		
	17	GEL805M4ME5.5	5.5	0.4	24.2	0.8	22.5	1.25	19.2	0.74	QRE-05D	PX-120Z		
	18	GEM805M4ME7.5	7.5	0.4	30.5	0.8	28.5	1.25	24.5	0.68	QRE-07F	PX-120Z		
	19	GEM805M4ME11	11	0.4	38	0.8	36	1.25	32	0.6	QRE-08F	PX-130Z		
100 × 80	20	GEK1005M4ME3.7	3.7	0.63	14.2	1.25	12.2	2.0	8	0.85	QRE-04D	PX-120Z		
	21	GEL1005M4ME5.5	5.5	0.63	19.2	1.25	17.2	2.0	12.2	0.78	QRE-07F	PX-120Z		
	22	GEL1005M4ME7.5	7.5	0.63	24	1.25	21.5	2.0	17	0.75	QRE-07F	PX-120Z		
	23	GEM1005M4ME11	11	0.63	31	1.25	29	2.0	24	0.69	QRE-08F	PX-130Z		
	24	GEM1005M4ME15	15	0.63	37	1.25	35.5	2.0	31	0.62	QRE-08F	PX-130Z		
125 × 100	25	GEK1255M4ME3.7	3.7	0.8	11.8	1.6	10	2.5	6.2	0.84	QRE-05D	PX-120Z		
	26	GEK1255M4ME5.5	5.5	0.8	15	1.6	13.5	2.5	10	0.81	QRE-05D	PX-120Z		
	27	GEL1255BM4ME7.5	7.5	1.0	18.5	2.0	15.2	3.1	10	0.80	QRE-08F	PX-120Z		
	28	GEL1255BM4ME11	11	1.0	24	2.0	21	3.15	15.5	0.76	QRE-08F	PX-130Z		
	29	GEM1255BM4ME15	15	1.0	32	2.0	27	3.15	19.5	0.66	QRE-08F	PX-130Z		
	30	GEM1255BM4ME18	18.5	1.0	37	2.0	32.5	3.15	24	0.62	QRE-09F	PX-130Z		
	31	GEM1255M4ME18	18.5	0.8	42.5	1.6	38.5	2.5	30.8	0.55	QRE-09F	PX-130Z		
	32	GEO1255M4ME22	22	0.8	47	1.6	42	2.5	31.5	0.52	QRE-12F	PX-145Z		
	33	GEO1255M4ME30	30	0.8	59	1.6	54.5	2.5	45	0.41	QRE-12F	PX-145Z		
150 × 125	34	GEK1505M4ME7.5	7.5	1.6	13.5	3.15	11	5.0	5.5	0.85	QRE-08F	PX-120Z		
	35	GEK1505M4ME11	11	1.6	17.2	3.15	14.8	5.0	9.5	0.82	QRE-08F	PX-130Z		
	36	GEL1505M4ME15	15	1.6	23.5	3.15	20.8	5.0	13.8	0.76	QRE-09F	PX-130Z		
	37	GEL1505M4ME18	18.5	1.6	25.2	3.15	22.5	5.0	16	0.75	QRE-09F	PX-130Z		
	38	GEM1505M4ME18	18.5	1.6	28	3.15	23	5.0	13.5	0.69	QRE-12F	PX-145Z		
	39	GEM1505M4ME22	22	1.6	32	3.15	27.5	5.0	17.5	0.65	QRE-12F	PX-145Z		
	40	GEM1505M4ME30	30	1.6	39	3.15	35	5.0	26	0.58	QRE-12F	PX-145Z		
	41	GEM1505M4ME37	37	1.6	45.5	3.15	42.5	5.0	32	0.51	Inquire			
	42	GEO1505M4ME30	30	1.6	44.5	3.15	36.5	4.6	25	0.54	QRE-13F	PX-145Z		
	43	GEO1505M4ME37	37	1.6	49.5	3.15	42.5	5.0	28	0.49	PBKV-145-1509-09	PX-160Z		
	44	GEO1505M4ME45	45	1.6	56.5	3.15	50	5.0	35	0.42	PBKV-145-1509-09	PX-160Z		
	45	GEO1505M4ME55	55	1.6	61	3.15	56	5.0	45	0.38	PBKV-145-1509-09	PX-160ZA		

Standard end suction

For circulation
line pump

Stainless
Magnet Coupling

Self priming type

Standard accessory

GE-4M Type

60Hz

GE-4M/SI/602 E

Bore d1×d2 mm	Ref	Model	Motor kW	Performance				Maximum back pressure MPa	Vibration isolator application table			
				Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m				Capacity m ³ /min	Total head m
40 × 32	1	GEJ-40×326M-4MNO.4	0.4	0.063	10.2	0.125	9.2	0.2	7.2	0.86	—	PX-85Z
	2	GEJ406M4ME0.75	0.75	0.063	13	0.125	12	0.2	10	0.84	QRE-04D	PX-85Z
	3	GEK406M4ME0.75	0.75	0.063	15	0.125	14	0.2	11.5	0.81	QRE-04D	PX-85Z
	4	GEK406M4ME1.5	1.5	0.063	22.5	0.125	21.2	0.2	19	0.74	QRE-04D	PX-85Z
50 × 40	5	GEJ506M4ME0.75	0.75	0.125	11.8	0.25	10	0.4	7.2	0.85	QRE-04D	PX-85Z
	6	GEJ506M4ME1.5	1.5	0.125	13.8	0.25	12.2	0.4	9.8	0.83	QRE-04D	PX-85Z
	7	GEK506M4ME1.5	1.5	0.125	19	0.25	17.2	0.4	14	0.77	QRE-04D	PX-85Z
	8	GEK506M4ME2.2	2.2	0.125	21.5	0.25	20	0.4	17	0.75	QRE-04D	PX-85Z
	9	GEL506M4ME3.7	3.7	0.12	34.5	0.25	32.5	0.4	28.5	0.62	QRE-04D	PX-110Z
65 × 50	10	GEJ656M4ME1.5	1.5	0.25	12.2	0.5	10.5	0.8	7.5	0.84	QRE-04D	PX-85Z
	11	GEK656M4ME2.2	2.2	0.25	17.5	0.5	15.5	0.8	12	0.78	QRE-04D	PX-85Z
	12	GEK656M4ME3.7	3.7	0.25	23.2	0.5	21.5	0.8	18.5	0.74	QRE-04D	PX-95Z
	13	GEL656M4ME5.5	5.5	0.25	34.5	0.5	32.5	0.8	27	0.63	QRE-04D	PX-110Z
80 × 65	14	GEJ806M4ME2.2	2.2	0.5	11.5	1.0	9.5	1.6	5.5	0.84	QRE-04D	PX-95Z
	15	GEJ806M4ME3.7	3.7	0.5	15.2	1.0	13.5	1.6	10.5	0.81	QRE-04D	PX-95Z
	16	GEK806M4ME3.7	3.7	0.5	18.2	1.0	14.8	1.6	9.5	0.78	QRE-04D	PX-110Z
	17	GEK806M4ME5.5	5.5	0.5	23.2	1.0	20.8	1.6	15.2	0.74	QRE-04D	PX-110Z
	18	GEL806M4ME7.5	7.5	0.5	30	1.0	27	1.6	21	0.68	QRE-07F	PX-120Z
	19	GEL806M4ME11	11	0.5	37.5	1.0	35.5	1.6	29.5	0.6	QRE-07F	PX-130Z
	20	GEM806M4ME15	15	0.5	48	1.0	44.5	1.6	38	0.49	QRE-08F	PX-130Z
	21	GEM806M4ME18	18.5	0.5	54.5	1.0	51	1.6	45	0.43	QRE-09F	PX-130Z
100 × 80	22	GEJ1006M4ME3.7	3.7	0.8	12.5	1.6	10	2.5	6.2	0.86	QRE-04D	PX-110Z
	23	GEJ1006M4ME5.5	5.5	0.8	16.5	1.6	14.5	2.5	10.5	0.83	QRE-04D	PX-110Z
	24	GEK1006M4ME7.5	7.5	0.8	22.5	1.6	19.2	2.5	13	0.77	QRE-07F	PX-120Z
	25	GEL1006M4ME11	11	0.8	30	1.6	27	2.5	19	0.66	QRE-08F	PX-130Z
	26	GEL1006M4ME15	15	0.8	38	1.6	34	2.5	27	0.6	QRE-08F	PX-130Z
	27	GEM1006M4ME18	18.5	0.8	44.5	1.6	41	2.5	33	0.55	QRE-09F	PX-130Z
	28	GEM1006M4ME22	22	0.8	49.5	1.6	47	2.5	39	0.5	QRE-09F	PX-130Z
125 × 100	29	GEJ1256M4ME3.7	3.7	1.0	12.2	2.0	8.5	2.8	4.2	0.84	QRE-05D	PX-120Z
	30	GEJ1256M4ME5.5	5.5	1.0	15.2	2.0	12.2	2.8	8	0.81	QRE-05D	PX-120Z
	31	GEK1256M4ME7.5	7.5	1.0	19	2.0	16	3.15	9.8	0.77	QRE-07F	PX-120Z
	32	GEK1256M4ME11	11	1.0	24.2	2.0	22	3.15	16.2	0.73	QRE-08F	PX-130Z
	33	GEL1256BM4ME15	15	1.25	30	2.5	25	3.8	16.5	0.69	QRE-08F	PX-130Z
	34	GEL1256BM4ME18	18.5	1.25	34	2.5	29.5	3.8	21.5	0.65	QRE-09F	PX-130Z
	35	GEM1256BM4ME22	22	1.25	41.5	2.5	34	3.8	23.5	0.56	QRE-10F	PX-130Z
	36	GEM1256BM4ME30	30	1.25	51	2.5	44	3.8	32.5	0.47		
	37	GEM1256M4ME30	30	1.0	57	2.0	50.2	3.15	37.5	0.4		
	38	GEO1256M4ME37	37	1.0	67	2.0	59	3.15	44	0.32		
	39	GEO1256M4ME45	45	1.0	77	2.0	70	3.15	55	0.23		
	40	GEO1256M4ME55	55	1.0	86	2.0	80	3.15	66	0.14	PBKV-145-1509-09	PX-160Z
150 × 125	41	GEK1506M4ME11	11	2.0	17.2	4.0	12.5	5.6	6.2	0.81	QRE-08F	PX-130Z
	42	GEK1506M4ME15	15	2.0	22	4.0	17.5	5.6	11.8	0.77	QRE-08F	PX-130Z
	43	GEK1506M4ME18	18.5	2.0	24.8	4.0	20.5	6.3	12	0.75	QRE-09F	PX-130Z
	44	GEL1506M4ME22	22	2.0	30	4.0	24	6.3	12.5	0.7	QRE-10F	PX-130Z
	45	GEL1506M4ME30	30	2.0	36	4.0	31.5	6.3	18.5	0.64		Inquire
	46	GEM1506M4ME30	30	2.0	39	4.0	31	6.3	14	0.56	QRE-12F	PX-145Z
	47	GEM1506M4ME37	37	2.0	45	4.0	38	6.3	21.5	0.51		Inquire
	48	GEM1506M4ME45	45	2.0	51	4.0	43.5	6.3	27.5	0.46		
	49	GEM1506M4ME55	55	2.0	57	4.0	50	6.3	35.5	0.40	PBKV-145-1509-09	PX-160Z
	50	GEO1506M4ME55	55	2.0	66	4.0	53	5.6	38	0.32	PBKV-145-1509-09	PX-160ZA
	51	GEO1506M4ME75	75	2.0	80	4.0	69	6.3	46	0.19	PBKV-170-20012-14	PX-180Z

Standard end suction

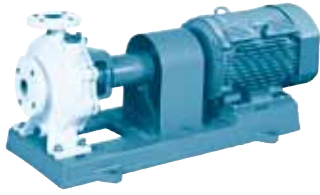
For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

GEN-4M Type Centrifugal pump Nylon coating



Application



(Please inquire in case drinking water application)

Features

- 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
- Less vibration and quiet operation sound because of 4 pole motor
- Evaluated item of <Horizontal centrifugal pump> by (C) Public Buildings Association., Ltd. (in Japan)

Suction total head (20°C)

Please refer to P.13

Standard specifications

- Liquid Clean water 0~40°C (there should be no freezing)
- Materials Impeller: Cast iron or Bronze
Shaft : SUS316 (portion contacting liquid)
Casing : Cast iron + Nylon coating
- Shaft sealing Mechanical seal (SiC x Carbon)
- Motor TEFC indoor
- Flange JIS 10K Standard type

Standard accessories

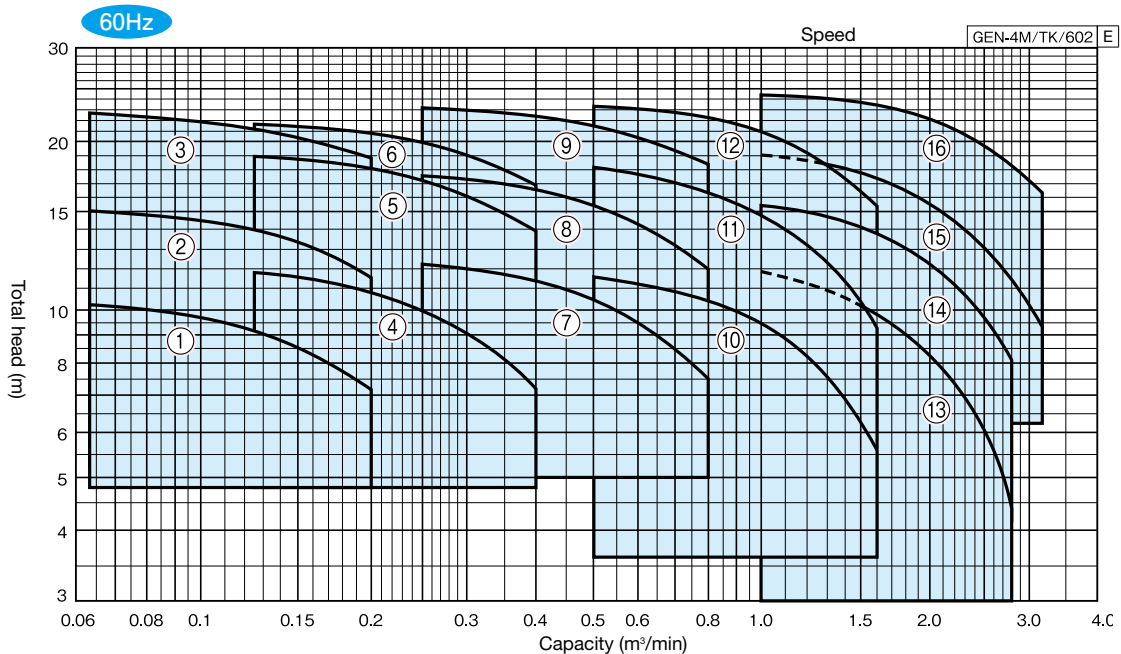
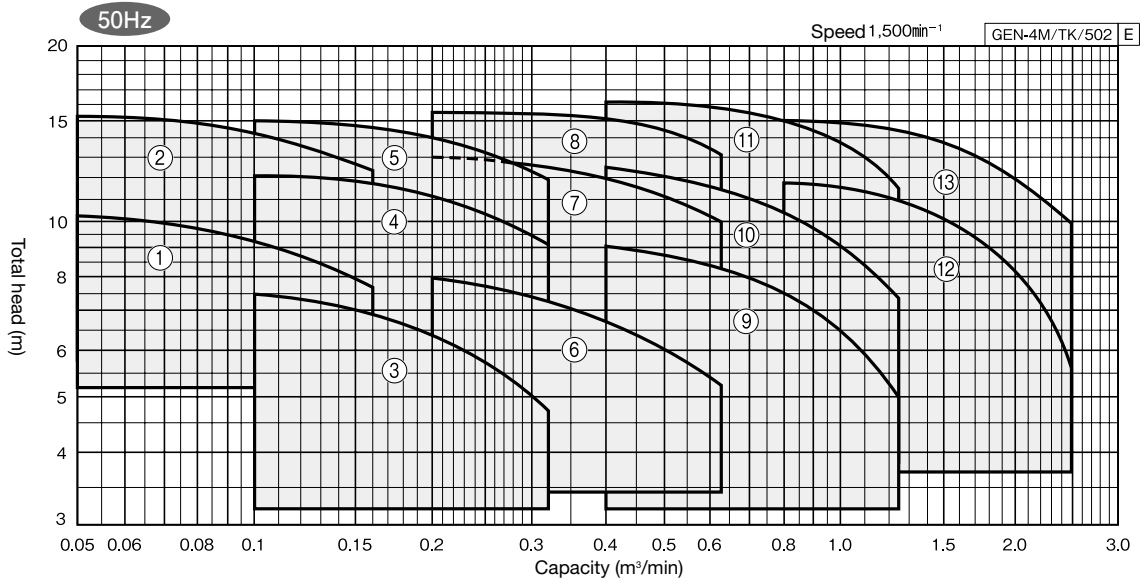
Motor, Base, Coupling, Coupling cover

Maximum back pressure

Refer to Specification table
(1-Zero-discharge head of pump) MPa

Selection chart

These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.



Standard end suction

For circulation
line pump

Stainless
Magnet Coupling

Self priming type

Standard accessory

GE-4M Type

Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

Specification table

50Hz

GEN-4M/SI/502 E

Bore mm	Ref	Model	Motor kW	Performance						Maximum back pressure MPa	Vibration isolator application table	
				Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m			
40 × 32	1	GEN-40×325M-4MN0.4	0.4	0.05	10.2	0.1	9.2	0.16	7.8	0.86	QRE-02A	PX-85Z
	2	GEN405M4ME0.75	0.75	0.05	15.2	0.1	14.2	0.16	12.5	0.81	QRE-04D	PX-85Z
50 × 40	3	GEN-50×405M-4MN0.4	0.4	0.1	7.5	0.2	6.5	0.32	4.8	0.89	—	PX-85Z
	4	GEN505M4ME0.75	0.75	0.1	12.2	0.2	11.2	0.32	9.2	0.85	QRE-04D	PX-85Z
	5	GEN505M4ME1.5	1.5	0.1	14.8	0.2	14	0.32	12	0.82	QRE-04D	PX-85Z
65 × 50	6	GEN655M4ME0.75	0.75	0.2	8	0.4	6.8	0.63	5.2	0.89	QRE-04D	PX-85Z
	7	GEN655M4ME1.5	1.5	0.2	13	0.4	12	0.63	10	0.84	QRE-04D	PX-85Z
80 × 65	8	GEN655M4ME2.2	2.2	0.2	15.5	0.4	15.2	0.63	13.2	0.80	QRE-04D	PX-85Z
	9	GEN805M4ME1.5	1.5	0.4	9	0.8	7.5	1.25	5	0.87	QRE-04D	PX-85Z
125 × 100	10	GEN805M4ME2.2	2.2	0.4	12.5	0.8	10.5	1.25	7.5	0.84	QRE-04D	PX-110Z
	11	GEN805M4ME3.7	3.7	0.4	16.2	0.8	15	1.25	11.5	0.79	QRE-04D	PX-110Z
125 × 100	12	GEN1255M4ME3.7	3.7	0.8	11.8	1.6	9.8	2.5	5.5	0.84	QRE-05D	PX-120Z
	13	GEN1255M4ME5.5	5.5	0.8	15	1.6	13.5	2.5	10	0.81	QRE-05D	PX-120Z

60Hz

GEN-4M/SI/601 E

Bore mm	Ref	Model	Motor kW	Performance						Maximum back pressure MPa	Vibration isolator application table	
				Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m			
40 × 32	1	GEN-40×326M-4MN0.4	0.4	0.063	10.2	0.125	9.2	0.2	7.2	0.86	—	PX-85Z
	2	GEN406M4ME0.75	0.75	0.063	15	0.125	14	0.2	11.5	0.81	QRE-04D	PX-85Z
50 × 40	3	GEN406M4ME1.5	1.5	0.063	22.5	0.125	21.2	0.2	19	0.74	QRE-04D	PX-85Z
	4	GEN506M4ME0.75	0.75	0.125	11.8	0.25	10	0.4	7.2	0.85	QRE-04D	PX-85Z
	5	GEN506M4ME1.5	1.5	0.125	19	0.25	17.2	0.4	14	0.77	QRE-04D	PX-85Z
65 × 50	6	GEN506M4ME2.2	2.2	0.125	21.5	0.25	20	0.4	17	0.74	QRE-04D	PX-85Z
	7	GEN656M4ME1.5	1.5	0.25	12.2	0.5	10.5	0.8	7.5	0.84	QRE-04D	PX-85Z
80 × 65	8	GEN656M4ME2.2	2.2	0.25	17.5	0.5	15.5	0.8	12	0.78	QRE-04D	PX-85Z
	9	GEN656M4ME3.7	3.7	0.25	23.2	0.5	21.5	0.8	18.5	0.74	QRE-04D	PX-95Z
125 × 100	10	GEN806M4ME2.2	2.2	0.5	11.5	1.0	9.5	1.6	5.5	0.84	QRE-04D	PX-95Z
	11	GEN806M4ME3.7	3.7	0.5	18.2	1.0	14.8	1.6	9.5	0.78	QRE-04D	PX-110Z
125 × 100	12	GEN806M4ME5.5	5.5	0.5	23.2	1.0	20.8	1.6	15.2	0.74	QRE-04D	PX-110Z
	13	GEN1256M4ME3.7	3.7	1.0	11.8	2.0	8.2	2.8	4.2	0.84	QRE-05D	PX-120Z
	14	GEN1256M4ME5.5	5.5	1.0	15.2	2.0	12.2	2.8	8	0.81	QRE-05D	PX-120Z
	15	GEN1256M4ME7.5	7.5	1.0	19	2.0	15.5	3.15	9.2	0.77	QRE-07F	PX-120Z
	16	GEN1256M4ME11	11	1.0	24.2	2.0	22	3.15	16.2	0.73	QRE-08F	PX-130Z

GF-4M Type Centrifugal pump

4 pole



Application



(Please inquire in case drinking water application)

Features

- Easy maintenance and inspection due to back pull out construction
 - Simple end suction top centerline discharge position enable steady installation with high discharge pipe loading
 - Wide applications for various usages
 - Less vibration and quiet operation sound because of 4 pole motor
 - Evaluated item of <Horizontal centrifugal pump> by (C) Public Buildings Association., Ltd. (in Japan)
- * Models with a suction bore of 200 mm or less.
Please inquire in cases the bore size is 250 mm or more.

Standard specifications

- Liquid Clean water 0~90°C (there should be no freezing),
0~60°C (bore size 250mm or more)
- Materials Impeller: Aluminum bronze or Bronze
Shaft : SUS420J2 or SUS403
(portion contacting liquid)
Casing : Castiron or Ductile cast iron
- Shaft sealing Gland packing
- Motor TEFC indoor
- Flange JIS 10K Standard type (Suction and Discharge)
JIS 20K (Discharge) (Bore size 250mm GFQ)

Standard accessories

Motor, Base, Coupling, Coupling cover

Maximum back pressure

(Please inquire in case bore size is 250mm or more)

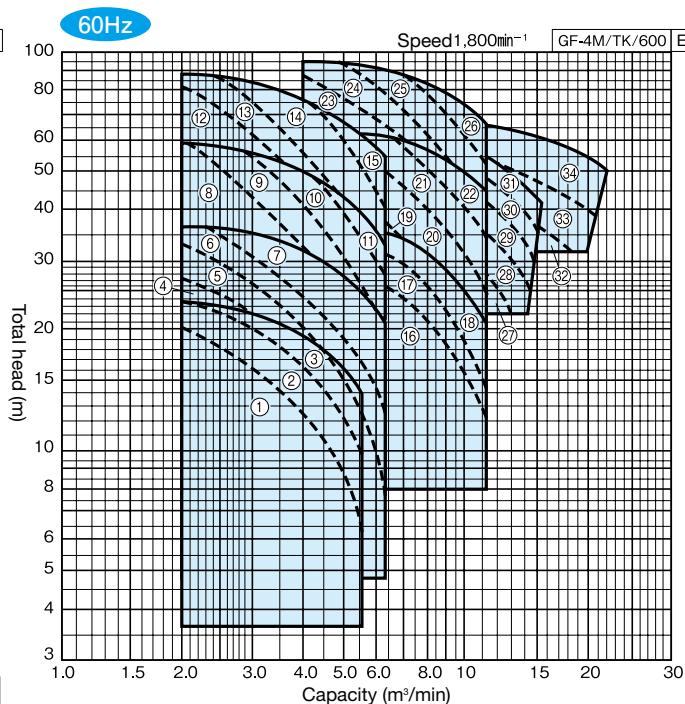
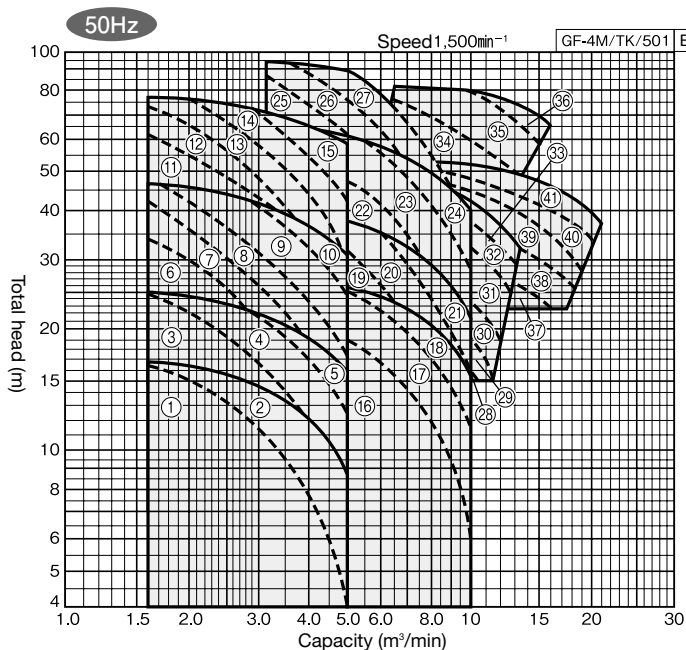
(1.4~Zero-discharge head of pump) MPa or 0.7MPa either lower pressure

Maximum suction total head

Standard model: positive suction application only (more than 0.098 MPa Negative suction and high back pressure application: Order made

Selection chart

These charts show the performance in case of Kawamot standard motor. Inquire specification sheets and drawings in case of actual work planing.



Ref	Model	Motor	Ref	Model	Motor
		kW			kW
1	GFK1505G4ME7.5	7.5	22	GF02005G4ME55	55
2	GFK1505G4ME11	11	23	GF02005G4ME75	75
3	GFL1505G4ME11	11	24	GF02005G4ME90	90
4	GFL1505G4ME15	15	25	GFQ2005G4ME75	75
5	GFL1505G4ME18	18.5	26	GFQ2005G4ME90	90
6	GFM1505G4ME15	15	27	GFQ2005G4ME110	110
7	GFM1505G4ME18	18.5	28	GF02505G4ME37	37
8	GFM1505G4ME22	22	29	GF02505G4ME45	45
9	GFM1505G4ME30	30	30	GF02505G4ME55	55
10	GFM1505G4ME37	37	31	GF02505G4ME75	75
11	GFO1505G4ME30	30	32	GF02505G4ME90	90
12	GFO1505G4ME37	37	33	GF02505G4ME110	110
13	GFO1505G4ME45	45	34	GFQ2505G4ME160	160
14	GFO1505G4ME55	55	35	GFQ2505G4ME200	200
15	GFO1505G4ME75	75	36	GFQ2505G4ME250	250
16	GFL2005G4ME22	22	37	GF03005G4ME90	90
17	GFL2005G4ME30	30	38	GF03005G4ME110	110
18	GFL2005G4ME37	37	39	GF03005G4ME132	132
19	GFM2005G4ME37	37	40	GF03005G4ME160	160
20	GFM2005G4ME45	45	41	GF03005G4ME200	200
21	GFM2005G4ME55	55			

Ref	Model	Motor	Ref	Model	Motor
		kW			kW
1	GFK1506G4ME11	11	18	GFL2006G4ME55	55
2	GFK1506G4ME15	15	19	GFM2006G4ME55	55
3	GFK1506G4ME18	18.5	20	GFM2006G4ME75	75
4	GFL1506G4ME15	15	21	GFM2006G4ME90	90
5	GFL1506G4ME18	18.5	22	GFM2006G4ME110	110
6	GFL1506G4ME22	22	23	GF02006G4ME90	90
7	GFL1506G4ME30	30	24	GF02006G4ME110	110
8	GFM1506G4ME30	30	25	GF02006G4ME132	132
9	GFM1506G4ME37	37	26	GF02006G4ME160	160
10	GFM1506G4ME45	45	27	GF02506G4ME75	75
11	GFM1506G4ME55	55	28	GF02506G4ME90	90
12	GFO1506G4ME45	45	29	GF02506G4ME110	110
13	GFO1506G4ME55	55	30	GF02506G4ME132	132
14	GFO1506G4ME75	75	31	GF02506G4ME160	160
15	GF01506G4ME90	90	32	GF03006G4ME160	160
16	GFL2006G4ME37	37	33	GF03006G4ME200	200
17	GFL2006G4ME45	45	34	GF03006G4ME250	250

Standard end suction

For circulation line pump

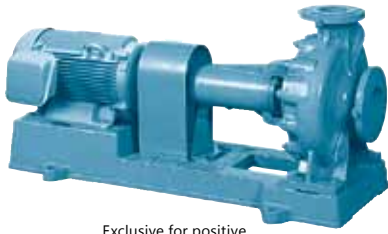
Stainless Magnet Coupling

Self priming type

Standard accessory

GD·GDF Type High back pressure Centrifugal pump

2 pole
4 pole



Exclusive for positive suction application

Application



(Please inquire in case drinking water application)

Features

- High back pressure series adopting balance type mechanical seal for shaft sealing and Ductile cast iron material for casing.
- Simple end suction top centerline discharge position enable steady installation with high discharge pipe loading
- High efficiency and wide applications for various usages
- Less vibration and quiet operation sound
- Easy maintenance and inspection due to back pull out construction
- Evaluated item of <Horizontal centrifugal pump> by (C) Public Buildings Association., Ltd. (in Japan)

Maximum back pressure

(Please inquire in case bore size is 250mm or more)

GD type	(1.4-Zero-discharge head of pump) MPa
GDF type	More than 0.5 MPa below 2.0 MPa (More than 0.5 MPa below 1.6 MPa bore size 200 mm models) Maximum pumping pressure 2.5MPa

Standard specifications

- Liquid GD type : Clean water 0~80°C (there should be no freezing)
GDF type: Clean water 0~80°C (there should be no freezing) 0~60°C (bore size 250mm or more)
- Materials Impeller : Bronze or Aluminum bronze
Shaft : GD type : SUS420J2Q
GDF type: SUS420J2Q or SUS403 (portion contacting liquid)
Casing : Ductile cast iron
- Shaft sealing Balance type mechanical seal (SiC x Carbon)
- Motor TEFC indoor
- Flange GD type : JIS 10K Standard type (Suction and Discharge)
GDF type: JIS 10K Standard type (Suction side of bore size 250mm or more models)
JIS 16K (Discharge side of bore size 200mm or more models)
JIS 20K (Suction and Discharge)

Standard accessories

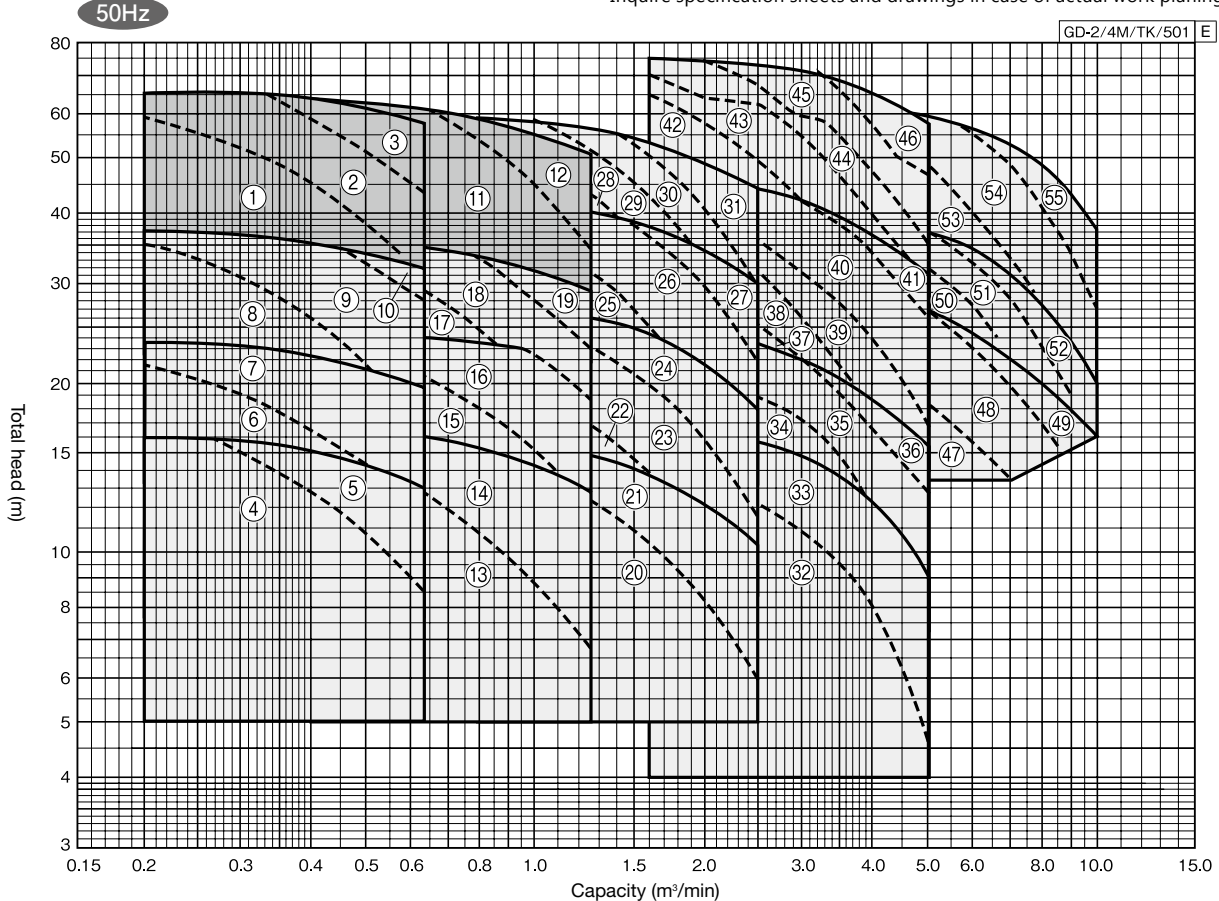
Motor, Base, Coupling, Coupling cover

Maximum suction total head

Exclusive for positive suction application

Selection chart GD type (Please inquire about GDF type)

These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.



2 pole GD-2M
4 pole GD-4M

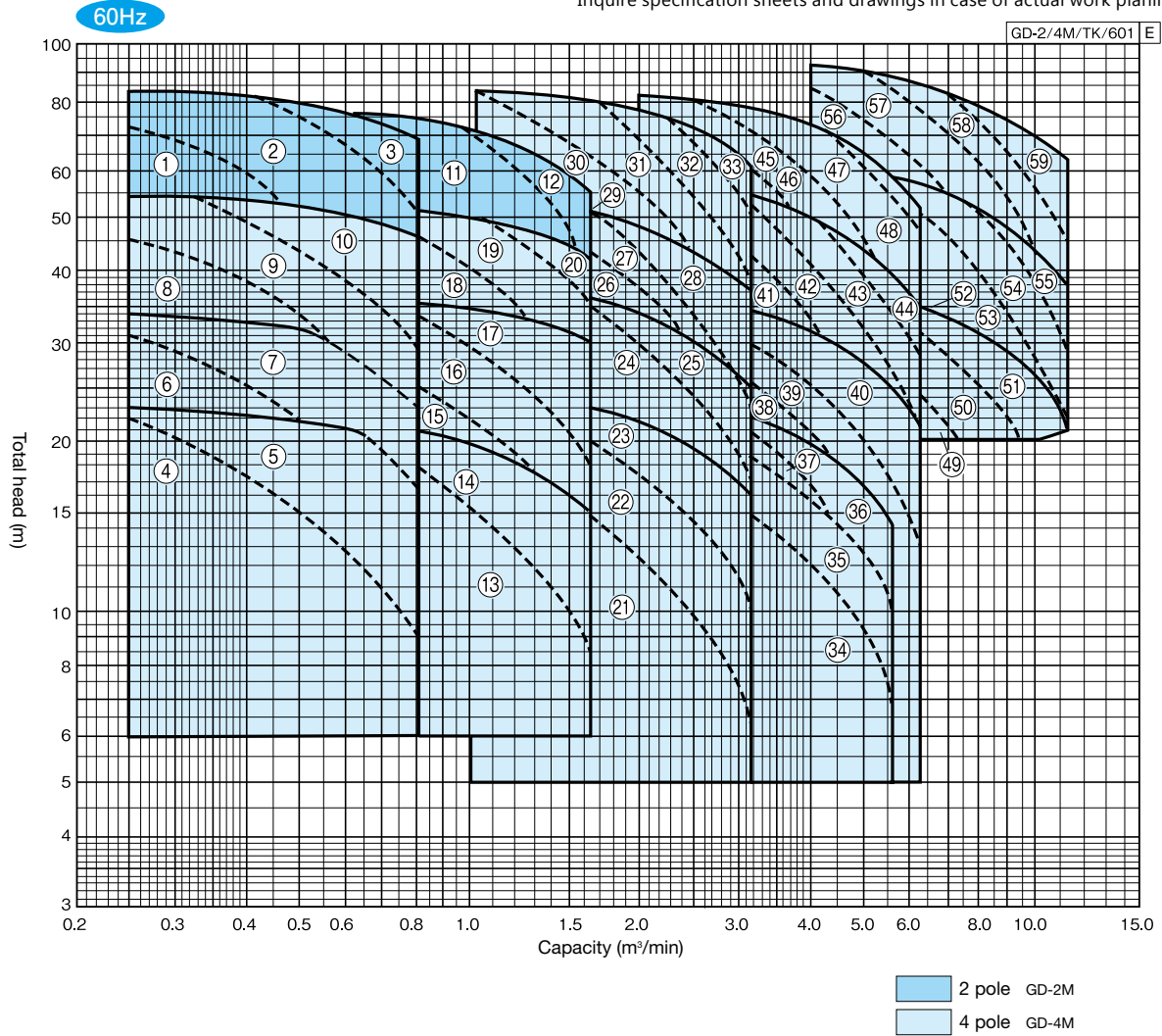
Standard end suction
For circulation line pump
Stainless Magnet Coupling
Self priming type
Standard accessory

GD·GDF Type

Ref	Model	Motor		Ref	Model	Motor		Ref	Model	Motor		Ref	Model	Motor	
		kW	Pole			kW	Pole			kW	Pole			kW	Pole
1	GDK655M2ME5.5	5.5	2	16	GDL1005M4ME5.5	5.5	4	31	GDO1255M4ME30	30	4	46	GDO1505M4ME75	75	4
2	GDK655M2ME7.5	7.5	2	17	GDM1005M4ME5.5	5.5	4	32	GDK1505M4ME7.5	7.5	4	47	GDL2005M4ME22	22	4
3	GDK655M2ME11	11	2	18	GDM1005M4ME7.5	7.5	4	33	GDK1505M4ME11	11	4	48	GDL2005M4ME30	30	4
4	GDK805M4ME1.5	1.5	4	19	GDM1005M4ME11	11	4	34	GDL1505M4ME11	11	4	49	GDL2005M4ME37	37	4
5	GDK805M4ME2.2	2.2	4	20	GDK1255M4ME3.7	3.7	4	35	GDL1505M4ME15	15	4	50	GDM2005M4ME37	37	4
6	GDL805M4ME2.2	2.2	4	21	GDK1255M4ME5.5	5.5	4	36	GDL1505M4ME18	18.5	4	51	GDM2005M4ME45	45	4
7	GDL805M4ME3.7	3.7	4	22	GDL1255M4ME5.5	5.5	4	37	GDM1505M4ME15	15	4	52	GDM2005M4ME55	55	4
8	GDM805M4ME3.7	3.7	4	23	GDL1255M4ME7.5	7.5	4	38	GDM1505M4ME18	18.5	4	53	GDO2005M4ME55	55	4
9	GDM805M4ME5.5	5.5	4	24	GDL1255M4ME11	11	4	39	GDM1505M4ME22	22	4	54	GDO2005M4ME75	75	4
10	GDM805M4ME7.5	7.5	4	25	GDM1255M4ME11	11	4	40	GDM1505M4ME30	30	4	55	GDO2005M4ME90	90	4
11	GDK805M2ME11	11	2	26	GDM1255M4ME15	15	4	41	GDM1505M4ME37	37	4				
12	GDK805M2ME15	15	2	27	GDM1255M4ME18	18.5	4	42	GDO1505M4ME30	30	4				
13	GDK1005M4ME2.2	2.2	4	28	GDO1255M4ME15	15	4	43	GDO1505M4ME37	37	4				
14	GDK1005M4ME3.7	3.7	4	29	GDO1255M4ME18	18.5	4	44	GDO1505M4ME45	45	4				
15	GDL1005M4ME3.7	3.7	4	30	GDO1255M4ME22	22	4	45	GDO1505M4ME55	55	4				

Selection chart GD type (Please inquire about GDF type)

These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.



Ref	Model	Motor		Ref	Model	Motor		Ref	Model	Motor		Ref	Model	Motor	
		kW	Pole			kW	Pole			kW	Pole			kW	Pole
1	GDK656M2ME7.5	7.5	2	16	GDL1006M4ME7.5	7.5	4	31	GDO1256M4ME37	37	4	46	GDO1506M4ME55	55	4
2	GDK656M2ME11	11	2	17	GDL1006M4ME11	11	4	32	GDO1256M4ME45	45	4	47	GDO1506M4ME75	75	4
3	GDK656M2ME15	15	2	18	GDM1006M4ME11	11	4	33	GDO1256M4ME55	55	4	48	GDO1506M4ME90	90	4
4	GDK806M4ME2.2	2.2	4	19	GDM1006M4ME15	15	4	34	GDK1506M4ME11	11	4	49	GDL2006M4ME37	37	4
5	GDK806M4ME3.7	3.7	4	20	GDM1006M4ME18	18.5	4	35	GDK1506M4ME15	15	4	50	GDL2006M4ME45	45	4
6	GDL806M4ME3.7	3.7	4	21	GDK1256M4ME5.5	5.5	4	36	GDK1506M4ME18	18.5	4	51	GDL2006M4ME55	55	4
7	GDL806M4ME5.5	5.5	4	22	GDK1256M4ME7.5	7.5	4	37	GDL1506M4ME15	15	4	52	GDM2006M4ME55	55	4
8	GDM806M4ME5.5	5.5	4	23	GDK1256M4ME11	11	4	38	GDL1506M4ME18	18.5	4	53	GDM2006M4ME75	75	4
9	GDM806M4ME7.5	7.5	4	24	GDL1256M4ME15	15	4	39	GDL1506M4ME22	22	4	54	GDM2006M4ME90	90	4
10	GDM806M4ME11	11	4	25	GDL1256M4ME18	18.5	4	40	GDL1506M4ME30	30	4	55	GDM2006M4ME110	110	4
11	GDK806M2ME18	18.5	2	26	GDM1256M4ME18	18.5	4	41	GDM1506M4ME30	30	4	56	GDO2006M4ME90	90	4
12	GDK806M2ME22	22	2	27	GDM1256M4ME22	22	4	42	GDM1506M4ME37	37	4	57	GDO2006M4ME110	110	4
13	GDK1006M4ME3.7	3.7	4	28	GDM1256M4ME30	30	4	43	GDM1506M4ME45	45	4	58	GDO2006M4ME132	132	4
14	GDK1006M4ME5.5	5.5	4	29	GDO1256M4ME22	22	4	44	GDM1506M4ME55	55	4	59	GDO2006M4ME160	160	4
15	GDL1006M4ME5.5	5.5	4	30	GDO1256M4ME30	30	4	45	GDO1506M4ME45	45	4				

Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

F Type Centrifugal pump

4 pole



Suction total head (20°)

Hz	Suction bore (mm)	Maximum suction total head
50	40	-6m (0.4kW: -4.8m)
	50	-6m (0.4kW: -3.5m) (0.75kW: -5.5m)
	65	-6m (0.75kW: -4.2m)
	80	-6m (1.5kW: -4.8m)
	100	-6m (2.2kW: -4.8m)
	125	-5.5m (3.7kW: -4.8m)
60	150	-5.5m (7.5kW or less: -5m)
	100 or less	-6m (506ME0.75: -5.5m)
	125 · 150	-5.5m (1506ME7.5: -5m)

Standard specifications

- Liquid: Clean water 0~90°C (there should be no freezing)
- Materials: Impeller: Cast iron or Bronze
Shaft: SUS403 (portion contacting liquid)
Casing: Cast iron
- Shaft sealing: Gland packing
- Moto: TEFC indoor
- Flange: JIS 10K Thin type (JIS 10K Standard type: only discharge flange of a part of model whose bore size 100mm or more)

Standard accessories

Motor, Base, Coupling, air exhaust valve, Coupling cover, Priming funnel, Priming valve

Maximum back pressure

0.3MPa

Application



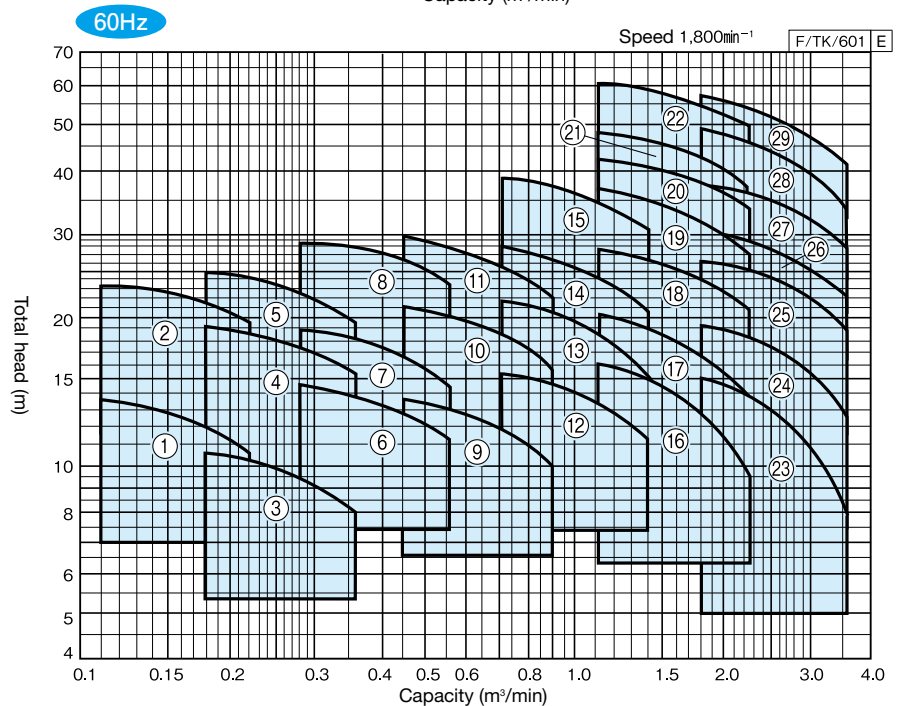
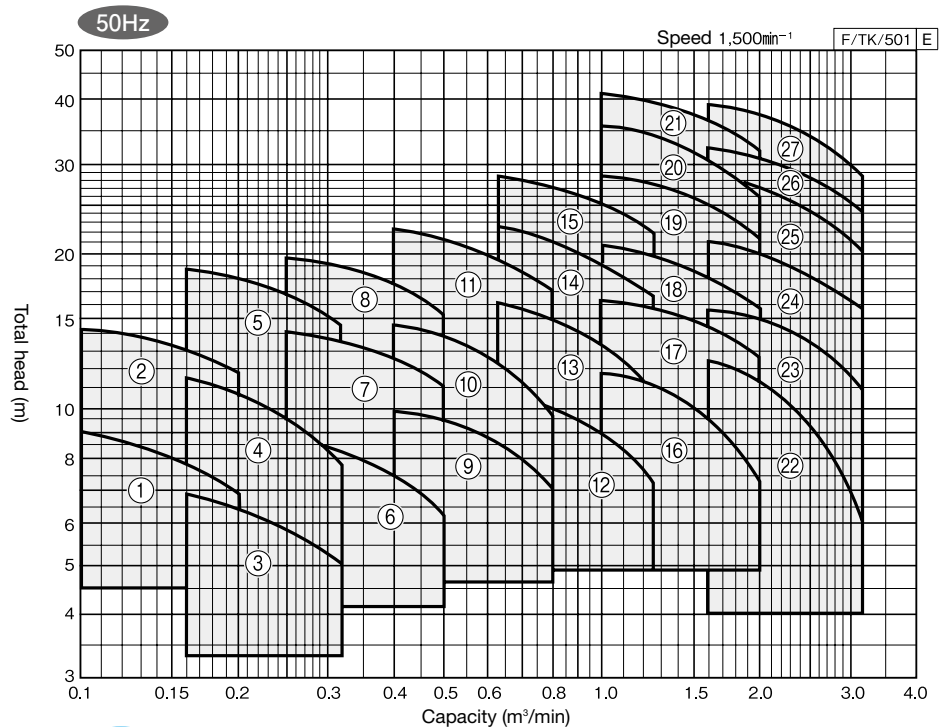
(Please inquire in case drinking water application)

Features

- Easy maintenance and inspection due to back pull out construction

Selection chart

These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.



Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

Specification table

50Hz

Bore d mm	Ref	Model	Motor kW	Performance						Vibration isolator application table			
				Capacity		Total head		Capacity				Total head	
				m ³ /min	m	m ³ /min	m	m ³ /min	m			m ³ /min	m
40	1	F-405-MN0.4	0.4	0.1	9	0.14	8.2	0.2	6.8	QRE-01A	PX-60Z		
	2	F405ME0.75	0.75	0.1	14.2	0.14	13.5	0.2	11.8	QRE-02A	PX-75Z		
50	3	F-505-MN0.4	0.4	0.16	6.8	0.22	6.2	0.32	5	QRE-01A	PX-60Z		
	4	F505ME0.75	0.75	0.16	11.5	0.22	10.2	0.32	7.8	QRE-02A	PX-75Z		
	5	F505ME1.5	1.5	0.16	18.8	0.22	17.5	0.32	14.5	QRE-02A	PX-75Z		
65	6	F655ME0.75	0.75	0.25	8.8	0.36	7.8	0.5	6.2	QRE-02A	PX-75Z		
	7	F655ME1.5	1.5	0.25	14	0.36	13	0.5	11	QRE-02A	PX-75Z		
	8	F655ME2.2	2.2	0.25	19.5	0.36	18.2	0.5	15.2	QRE-02A	PX-75Z		
80	9	F805ME1.5	1.5	0.4	9.8	0.56	9.2	0.8	7	QRE-02A	PX-75Z		
	10	F805ME2.2	2.2	0.4	14.5	0.56	13.2	0.8	9.5	QRE-02A	PX-75Z		
	11	F805ME3.7	3.7	0.4	22.2	0.56	20.2	0.8	17	QRE-04A	PX-85Z		
100	12	F1005ME2.2	2.2	0.63	10.5	0.9	9.5	1.25	7.2	QRE-02A	PX-75Z		
	13	F1005ME3.7	3.7	0.63	16	0.9	14.2	1.25	10.8	QRE-04A	PX-85Z		
	14	F1005ME5.5	5.5	0.63	22.5	0.9	20.5	1.25	16.5	QRE-05D	PX-95Z		
	15	F1005ME7.5	7.5	0.63	28.2	0.9	26	1.25	22	QRE-05D	PX-95Z		
125	16	F1255ME3.7	3.7	1.0	11.8	1.4	10.5	2.0	7.2	QRE-04A	PX-85Z		
	17	F1255ME5.5	5.5	1.0	16.2	1.4	15	2.0	12.5	QRE-05D	PX-95Z		
	18	F1255ME7.5	7.5	1.0	20.5	1.4	19	2.0	15.5	QRE-06D	PX-110Z		
	19	F1255ME11	11	1.0	28.5	1.4	26.5	2.0	21.5	QRE-08B	PX-110Z		
	20	F1255ME15	15	1.0	35.5	1.4	32.5	2.0	26	QRE-09B	PX-120Z		
	21	F1255ME18	18.5	1.0	41	1.4	38	2.0	32	QRE-10B	PX-120ZA		
150	22	F1505ME5.5	5.5	1.6	12.5	2.24	10.5	3.15	6	QRE-05D	PX-95Z		
	23	F1505ME7.5	7.5	1.6	15.5	2.24	14.2	3.15	10.8	QRE-08B	PX-110Z		
	24	F1505ME11	11	1.6	21	2.24	19	3.15	15.5	QRE-08B	PX-110Z		
	25	F1505ME15	15	1.6	28	2.24	25.5	3.15	20	QRE-09B	PX-120Z		
	26	F1505ME18	18.5	1.6	32	2.24	29.5	3.15	24.5	QRE-10B	PX-130Z		
	27	F1505ME22	22	1.6	38.5	2.24	35.5	3.15	28.5	QRE-10B	PX-130Z		

60Hz

Bore d mm	Ref	Model	Motor kW	Performance						Vibration isolator application table			
				Capacity		Total head		Capacity				Total head	
				m ³ /min	m	m ³ /min	m	m ³ /min	m			m ³ /min	m
40	1	F406ME0.75	0.75	0.11	13.5	0.16	12.5	0.22	10.5	QRE-02A	PX-75Z		
	2	F406ME1.5	1.5	0.11	23.2	0.16	22	0.22	19.5	QRE-02A	PX-75Z		
50	3	F506ME0.75	0.75	0.18	10.5	0.25	9.8	0.36	8	QRE-02A	PX-75Z		
	4	F506ME1.5	1.5	0.18	19	0.25	18	0.36	15.2	QRE-02A	PX-75Z		
	5	F506ME2.2	2.2	0.18	24.8	0.25	23.2	0.36	19.5	QRE-02A	PX-75Z		
65	6	F656ME1.5	1.5	0.28	14.5	0.4	13.2	0.56	11.2	QRE-02A	PX-75Z		
	7	F656ME2.2	2.2	0.28	18.8	0.4	17.5	0.56	14.5	QRE-02A	PX-75Z		
	8	F656ME3.7	3.7	0.28	28.8	0.4	27.2	0.56	23.2	QRE-02A	PX-85Z		
80	9	F806ME2.2	2.2	0.45	13.5	0.63	12.5	0.9	9.8	QRE-02A	PX-75Z		
	10	F806ME3.7	3.7	0.45	21	0.63	19.5	0.9	15.5	QRE-02A	PX-85Z		
	11	F806ME5.5	5.5	0.45	29.5	0.63	27.5	0.9	22	QRE-05A	PX-95Z		
100	12	F1006ME3.7	3.7	0.71	15.2	1.0	14	1.4	11.2	QRE-02A	PX-85Z		
	13	F1006ME5.5	5.5	0.71	21.5	1.0	19.5	1.4	15.2	QRE-05A	PX-95Z		
	14	F1006ME7.5	7.5	0.71	28	1.0	25.5	1.4	20.5	QRE-05D	PX-95Z		
	15	F1006ME11	11	0.71	38.2	1.0	35.5	1.4	30.5	QRE-06D	PX-110Z		
125	16	F1256ME5.5	5.5	1.12	16	1.6	14	2.24	9.5	QRE-05D	PX-95Z		
	17	F1256ME7.5	7.5	1.12	20	1.6	17.8	2.24	13.8	QRE-05D	PX-95Z		
	18	F1256ME11	11	1.12	27.5	1.6	25	2.24	20.8	QRE-06D	PX-110Z		
	19	F1256ME15	15	1.12	36.5	1.6	33	2.24	27	QRE-09B	PX-110Z		
	20	F1256ME18	18.5	1.12	42	1.6	39	2.24	33.5	Inquire			
	21	F1256ME22	22	1.12	47.5	1.6	44	2.24	36.5	QRE-10B	PX-130Z		
150	22	F1256ME30	30	1.12	60	1.6	56.5	2.24	49	QRE-13D	PX-130Z		
	23	F1506ME7.5	7.5	1.8	14.8	2.5	12.8	3.55	7.5	QRE-08B	PX-110Z		
	24	F1506ME11	11	1.8	19	2.5	17.5	3.55	12	QRE-08B	PX-110Z		
	25	F1506ME15	15	1.8	26	2.5	24	3.55	18.5	QRE-09B	PX-120Z		
	26	F1506ME18	18.5	1.8	30	2.5	27.5	3.55	22	Inquire			
	27	F1506ME22	22	1.8	37	2.5	34.5	3.55	27.5	QRE-10B	PX-130Z		
	28	F1506ME30	30	1.8	48.5	2.5	43.5	3.55	32.5	QRE-13D	PX-S146Z		
	29	F1506ME37	37	1.8	56.5	2.5	51.5	3.55	41	PBKV-120-2007-03	PX-S146Z		

Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

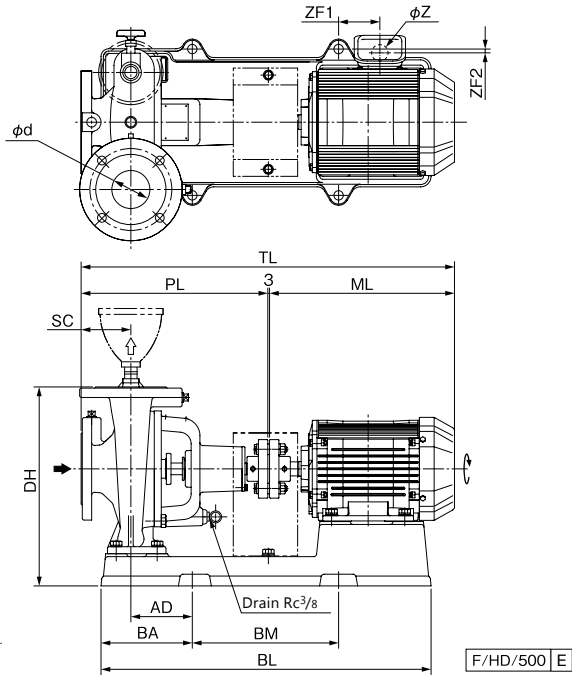
Standard accessory

F Type

Outline dimension table

Inquire specification sheets and drawings in case of actual work planing

Flange: JIS 10K Thin type (JIS 10K Standard type:only discharge flange of a part of model whose bore size:100mm or more)



*Foundation bolts are optional accessories
 • Recommend foundation bolt size: M12×160 (M16×200)

() is 7.5kW or more model

50Hz

Unit : mm

Bore d	Model	Motor kW	Material of impeller	Pump			Base					Combinations							Mass kg		
				SC	DC	PL	BL	BA	BM	BP	BW	DH	SH	TL	AD	W	ML	ZF1		ZF2	Z
40	F-405-MN0.4	0.4	Cast iron	75	100	303	488	131	250	220	254	310	180	544	85	297	238	-25	-7	22	40
	F405ME0.75	0.75	Bronze	75	125	309	524	136	250	250	284	360	200	593	85	337	281	94	24	22	51
50	F-505-MN0.4	0.4	Cast iron	75	100	308	488	131	250	220	254	305	180	549	85	305	238	-25	-7	22	42
	F505ME0.75	0.75	Cast iron	80	120	314	524	136	250	250	284	350	200	598	85	340	281	94	19	22	48
65	F505ME1.5	1.5	Bronze	80	140	343	589	171	250	250	284	385	225	662	115	367	316	90	7	28	60
	F655ME0.75	0.75	Cast iron	85	115	322	524	136	250	250	284	340	200	606	85	345	281	95	19	28	50
	F655ME1.5	1.5		85	120	351	577	163	280	250	284	365	205	670	113	357	316	62	7	28	56
F655ME2.2	2.2	90		140	354	628	163	320	280	314	390	225	714	102	384	357	70	18	28	73	
80	F805ME1.5	1.5	Cast iron	90	120	358	577	163	280	250	284	360	205	676	118	362	315	62	-7	28	55
	F805ME2.2	2.2		90	130	353	628	163	320	280	314	390	225	712	102	379	356	70	-15	28	71
	F805ME3.7	3.7		95	155	413	698	193	320	310	344	420	235	788	125	420	372	118	-17	28	95
100	F1005ME2.2	2.2	Cast iron	100	130	373	628	163	320	280	314	385	225	732	112	392	356	70	-15	28	69
	F1005ME3.7	3.7		100	150	423	698	193	320	310	344	410	235	798	130	427	372	118	-17	28	95
	F1005ME5.5	5.5		100	165	423	785	189	400	340	386	458	268	854	123	484	428	109	1	36	129
	F1005ME7.5	7.5		100	170	461	822	209	400	340	386	498	288	930	140	489	466	157	1	36	152
125	F1255ME3.7	3.7	Cast iron	105	160	456	700	193	320	310	344	445	255	832	135	457	373	118	17	28	101
	F1255ME5.5	5.5		105	160	461	785	189	400	340	386	458	268	892	128	499	428	109	-1	36	123
	F1255ME7.5	7.5		105	170	488	822	209	400	340	386	498	288	957	145	509	466	157	-1	36	157
	F1255ME11	11	Bronze	110	190	487	951	214	500	380	426	528	308	1053	142	585	563	148	27	52	191
	F1255ME15	15		110	210	531	1003	224	550	400	448	588	328	1129	150	605	595	166	17	52	253
	F1255ME18	18.5		110	210	531	1051	214	630	440	486	588	328	1199	140	627	665	1	18	65	341
150	F1505ME5.5	5.5	Cast iron	110	170	513	822	209	400	340	386	488	288	944	155	524	428	119	1	36	135
	F1505ME7.5	7.5		110	170	513	822	209	400	340	386	488	288	982	155	524	466	157	1	36	143
	F1505ME11	11		110	180	512	951	214	500	380	426	528	308	1078	152	590	563	148	27	52	195
	F1505ME15	15		115	200	546	1003	224	550	400	446	568	328	1144	150	610	595	166	17	52	231
	F1505ME18	18.5		115	200	546	1051	214	630	440	486	568	328	1214	140	632	665	1	18	65	322
	F1505ME22	22		115	220	567	1073	219	630	440	486	608	348	1235	140	652	665	22	18	65	354

Note 1) If the motor end is within the base, TL ≥ PL+3+ML applies.
 Note 2) <-> shows revers direction to the drawing in this table

F/Hd/500 E

60Hz

Unit : mm

Bore d	Model	Motor kW	Material of impeller	Pump			Base						Combinations							Mass kg	
				SC	DC	PL	BL	BA	BM	BP	BW	DH	SH	TL	AD	W	ML	ZF1	ZF2		Z
40	F406ME0.75	0.75	Cast iron	75	100	304	515	131	250	250	284	310	180	588	85	312	281	89	19	22	43
	F406ME1.5	1.5	Bronze	75	125	309	564	156	250	250	284	360	200	628	105	345	316	71	7	28	55
50	F506ME0.75	0.75	Cast iron	80	100	309	515	131	250	250	284	305	180	593	85	320	281	89	19	22	44
	F506ME1.5	1.5		80	120	314	564	156	250	250	284	350	200	633	105	347	316	71	7	28	53
	F506ME2.2	2.2	Bronze	80	140	344	628	163	320	280	314	385	225	704	102	375	357	70	15	28	70
65	F656ME1.5	1.5	Cast iron	85	115	322	564	156	250	250	284	340	200	641	105	352	316	71	7	28	54
	F656ME2.2	2.2		85	120	352	616	148	320	280	314	365	205	712	97	364	357	75	15	28	67
	F656ME3.7	3.7		90	140	359	632	158	320	310	344	390	225	735	102	400	373	89	17	28	81
80	F806ME2.2	2.2	Cast iron	90	120	362	616	148	320	280	314	360	205	722	102	370	357	75	-15	28	67
	F806ME3.7	3.7		90	130	362	632	158	320	310	344	390	225	738	102	392	373	89	-17	28	81
	F806ME5.5	5.5		95	155	421	741	188	360	340	374	420	235	852	120	462	428	147	1	36	116
100	F1006ME3.7	3.7	Cast iron	100	130	384	632	158	320	310	344	385	225	760	112	407	373	89	-17	28	78
	F1006ME5.5	5.5		100	150	436	741	188	360	340	374	410	235	867	125	469	428	147	1	36	114
	F1006ME7.5	7.5		100	165	436	785	189	400	340	386	458	268	905	123	484	466	147	1	36	136
	F1006ME11	11		100	170	467	899	204	500	380	426	498	288	1033	138	545	563	152	27	52	178
125	F1256ME5.5	5.5	Cast iron	105	160	461	785	189	400	340	386	458	268	892	128	499	428	109	1	36	123
	F1256ME7.5	7.5		105	160	461	785	189	400	340	386	458	268	930	128	499	466	147	1	36	130
	F1256ME11	11		105	170	492	899	204	500	380	426	498	288	1058	143	565	563	152	27	52	185
	F1256ME15	15		110	190	487	951	214	500	380	426	528	308	1085	142	585	595	180	27	52	213
	F1256ME18	18.5	Inquire																		
	F1256ME22	22	Bronze	110	210	538	1051	214	630	440	486	588	328	1206	140	627	665	3	18	65	350
F1256ME30	30	110		210	538	1051	214	630	440	486	588	328	1279	140	578	738	86	118	78	381	
150	F1506ME7.5	7.5	Cast iron	110	170	513	822	209	400	340	386	488	288	982	155	524	466	157	1	36	142
	F1506ME11	11		110	170	517	899	204	500	380	426	488	288	1083	153	580	563	152	27	52	173
	F1506ME15	15		110	180	512	951	214	500	380	426	528	308	1110	152	590	595	180	27	52	215
	F1506ME18	18.5	Inquire																		
	F1506ME22	22	Cast iron	115	200	553	1051	214	630	440	486	568	328	1221	140	632	665	8	18	65	328
	F1506ME30	30		115	220	567	1073	219	630	440	486	608	348	1308	140	603	738	72	118	78	384
	F1506ME37	37		115	220	575	1156	219	630	480	526	608	348	1423	140	623	844	13	138	78	483

Note 1) If the motor end is within the base, TL ≥ PL+3<4>+ML applies.
 Note 2) <-> shows revers direction to the drawing in this table

[F/Hd/600] E

Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

GN2-C Type Compact centrifugal pump

Preventing red discolourment of water
Nylon coating 2 pole



Application



Features

- Unique rust proof treatment (PAT. pending)
- Easy maintenance and inspection due to back pull out construction
- Smaller installation space and not necessary of centering because of close coupled type pump

Standard specifications

- Liquid Clean water 0~40°C (there should be no freezing)
- Materials Impeller: Bronze
Shaft : SUS304 (portion contacting liquid)
Casing : Cast iron + Nylon coating
- Shaft sealing Mechanical seal (Ceramic x Carbon)
- Motor TEFC outdoor
- Flange JIS 10K Thin type

Standard accessories

Motor, Base

Suction total head (20°C)

-6 m

Maximum back pressure

(0.7 - Zero-discharge head of pump) MPa

Standard end suction

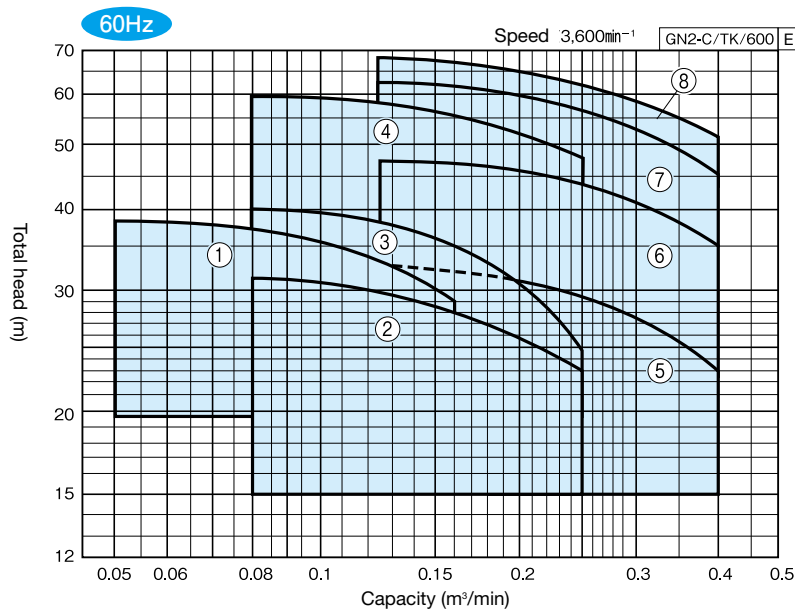
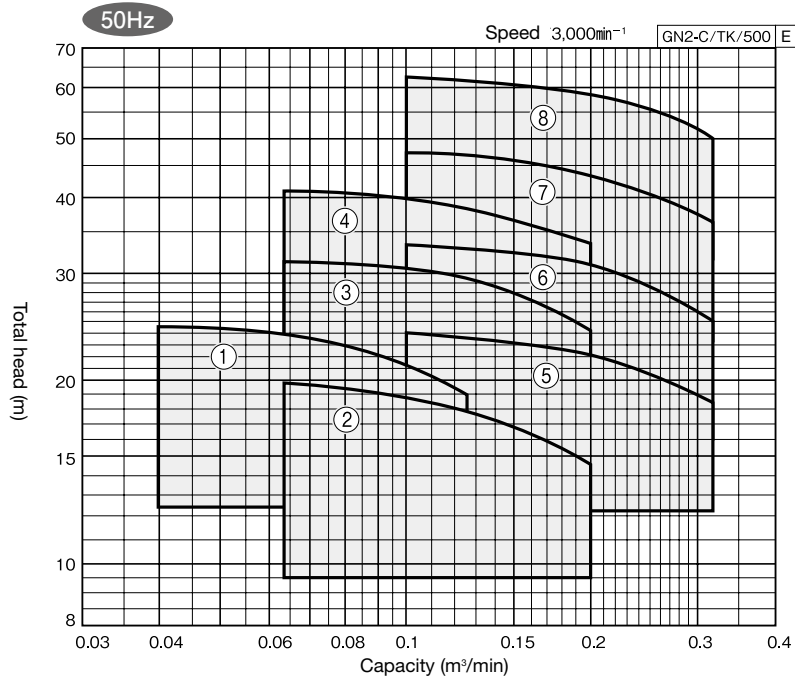
For circulation line pump

Stainless Magnet Coupling

Self priming type

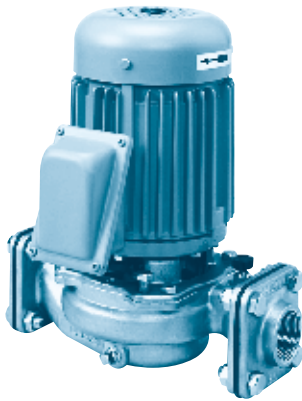
Standard accessory

Selection chart



PSS(2) Type Stainless steel in line pump

Petit Line below 0.4 kW
Stainless Steel P Line over 0.75kW
2 pole



Application



Features

- Precision cast stainless material protect the pump from rust and thus maintenance is easy
- Long life and strong against leakage due to adoption of high quality mechanical seal which can stand antifreeze
- Strong against deterioration of bearing and insulation due to TEFC motor

Suction total head (20°C)

Bore	Maximum suction total head
20~65mm	-6m
80mm	50Hz: -5.5m
	60Hz: -3m

Note) If the value obtained by subtracting 3 m from the total head is less than the value above, the value obtained by subtracting 3 m from the total head will be the maximum suction total head.

Standard specifications

- Liquid Clean water 0~90°C (there should be no freezing) Maximum 100°C (Please inquire)
- Materials Impeller : SCS13
Shaft : SUS304
Casing : SCS13
- Shaft sealing Mechanical seal (SiC x Carbon)
- Motor TEFC outdoor
- Flange Special flange

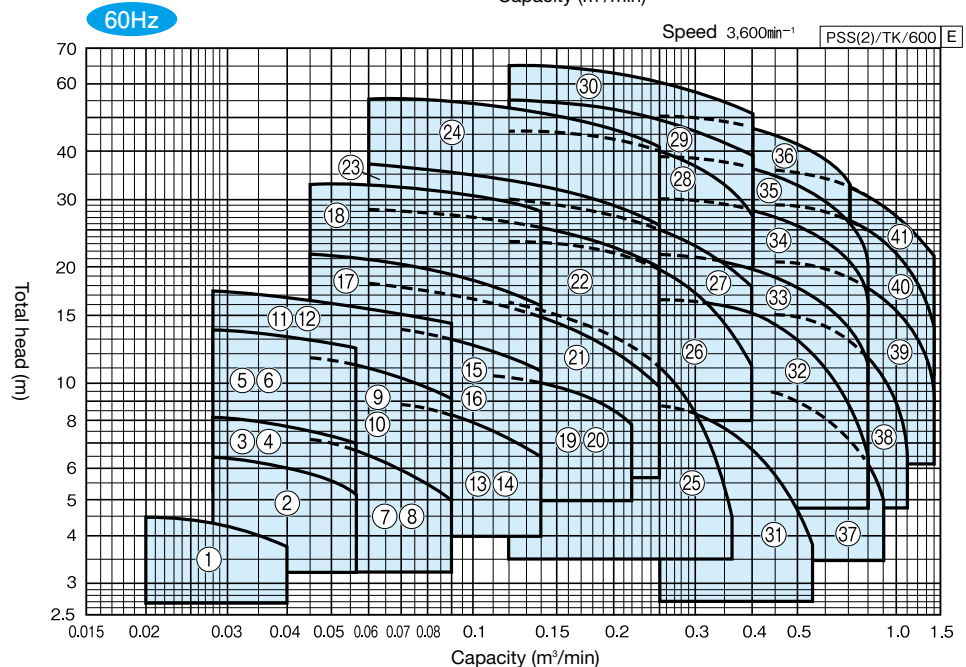
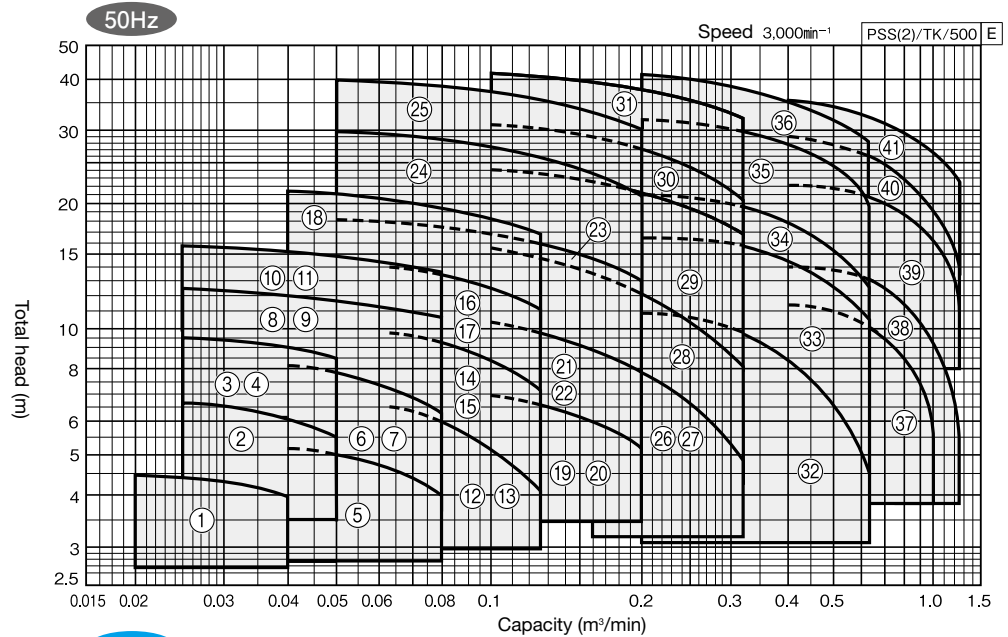
Standard accessories

Companion flanges

Maximum back pressure

0.15kW or less	Single phase 0.2MPa
	Three phase (0.5 - Zero-discharge head of pump) MPa
0.25kW ~ 0.4kW	(0.7 - Zero-discharge head of pump) MPa
0.75kW or more	(1 - Zero-discharge head of pump) MPa

Selection chart



Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

PSS (2) Type

Specification table

50Hz

PSS(2)/HSI/512 E

Bore d mm	Ref	Model	Motor kW	Voltage V	Standard specifications				Maximum back pressure MPa
					Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m	
20	1	PSS2-205-0.06S	0.06	1 × 100	0.02	4.5	0.04	4.0	0.2
	2	PSS2-205-0.1S	0.1	1 × 100	0.025	6.8	0.05	5.5	0.2
	3	PSS2-205-0.15S	0.15	1 × 100	0.025	9.5	0.05	8.5	0.2
	4	PSS2-205-0.15T	0.15	3 × 200	0.025	9.5	0.05	8.5	0.4
25	5	PSS2-255-0.1S	0.1	1 × 100	0.04	5.2	0.08	3.8	0.2
	6	PSS2-255-0.15S	0.15	1 × 100	0.04	8.2	0.08	6.2	0.2
	7	PSS2-255-0.15T	0.15	3 × 200	0.04	8.2	0.08	6.2	0.42
	8	PSS2-255-0.25S	0.25	1 × 100	0.025	12.5	0.08	10.5	0.57
	9	PSS2-255-0.25T	0.25	3 × 200	0.025	12.5	0.08	10.5	0.57
	10	PSS2-255-0.4S	0.4	1 × 100	0.025	15.8	0.08	13.8	0.54
	11	PSS2-255-0.4T	0.4	3 × 200	0.025	15.8	0.08	13.8	0.54
32	12	PSS2-325-0.15S	0.15	1 × 100	0.063	6.5	0.125	4.2	0.2
	13	PSS2-325-0.15T	0.15	3 × 200	0.063	6.5	0.125	4.2	0.42
	14	PSS2-325-0.25S	0.25	1 × 100	0.063	9.5	0.125	7.2	0.59
	15	PSS2-325-0.25T	0.25	3 × 200	0.063	9.5	0.125	7.2	0.59
	16	PSS2-325-0.4S	0.4	1 × 100	0.063	13.5	0.125	11.2	0.55
	17	PSS2-325-0.4T	0.4	3 × 200	0.063	13.5	0.125	11.2	0.55
	18	PSS325E0.75	0.75	3 × 200	0.04	21.5	0.125	17.5	0.77
40	19	PSS2-405-0.25S	0.25	1 × 100	0.1	7.2	0.2	5.2	0.62
	20	PSS2-405-0.25T	0.25	3 × 200	0.1	7.2	0.2	5.2	0.62
	21	PSS2-405-0.4S	0.4	1 × 100	0.1	10.8	0.2	7.8	0.57
	22	PSS2-405-0.4T	0.4	3 × 200	0.1	10.8	0.2	7.8	0.57
	23	PSS405E0.75	0.75	3 × 200	0.05	19	0.2	13	0.80
	24	PSS405E1.5	1.5	3 × 200	0.05	29.5	0.2	21	0.70
	25	PSS405E2.2	2.2	3 × 200	0.05	40	0.2	30.5	0.60
50	26	PSS2-505-0.4S	0.4	1 × 100	0.16	8.8	0.32	5.2	0.59
	27	PSS2-505-0.4T	0.4	3 × 200	0.16	8.8	0.32	5.2	0.59
	28	PSS505E0.75	0.75	3 × 200	0.1	15.8	0.32	8.5	0.82
	29	PSS505E1.5	1.5	3 × 200	0.1	24.5	0.32	16.5	0.74
	30	PSS505E2.2	2.2	3 × 200	0.1	31.5	0.32	20.5	0.67
	31	PSS505E3.7	3.7	3 × 200	0.1	42.5	0.32	32.5	0.65

PSS(2)/HSI/522 E

Bore d mm	Ref	Model	Motor kW	Voltage V	Standard specifications				Maximum back pressure MPa
					Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m	
65	32	PSS655E0.75	0.75	3 × 200	0.2	10.8	0.63	4.5	0.88
	33	PSS655E1.5	1.5	3 × 200	0.2	16.2	0.63	10.5	0.82
	34	PSS655E2.2	2.2	3 × 200	0.2	21	0.63	12.5	0.77
	35	PSS655E3.7	3.7	3 × 200	0.2	31.8	0.63	20.5	0.68
	36	PSS655E5.5	5.5	3 × 200	0.2	41	0.63	28	0.55
80	37	PSS805E1.5	1.5	3 × 200	0.4	11.5	1	5.5	0.85
	38	PSS805E2.2	2.2	3 × 200	0.4	14.2	1.25	5.5	0.84
	39	PSS805E3.7	3.7	3 × 200	0.4	22.2	1.25	11.5	0.74
	40	PSS805E5.5	5.5	3 × 200	0.4	29	1.25	14	0.65
	41	PSS805E7.5	7.5	3 × 200	0.4	35.5	1.25	22.5	0.60

- Anti-freezer such as Nybrine Z-1, GD brine 950 and Showbrine PP super of 35~50% and 0~90oC can be used for this product
- Please inquire about the different voltage (1×220~240V / 3×380~460V)
- In case of the different voltage model, Character string "T4" or "S2" may trail behind the model name

Specification table

60Hz

Bore d mm	Ref	Model	Motor kW	Voltage V	Standard specifications				Maximum back pressure MPa
					Capacity	Total head	Capacity	Total head	
					m ³ /min	m	m ³ /min	m	
20	1	PSS2-206-0.06S	0.06	1 × 100	0.02	4.5	0.04	3.8	0.2
	2	PSS2-206-0.1S	0.1	1 × 100	0.028	6.5	0.056	5.2	0.2
	3	PSS2-206-0.15S	0.15	1 × 100	0.028	8.5	0.056	7	0.2
	4	PSS2-206-0.15T	0.15	3 × 200	0.028	8.5	0.056	7	0.4
	5	PSS2-206-0.25S	0.25	1 × 100	0.028	13.8	0.056	12.5	0.55
	6	PSS2-206-0.25T	0.25	3 × 200	0.028	13.8	0.056	12.5	0.55
25	7	PSS2-256-0.15S	0.15	1 × 100	0.045	7.2	0.09	5	0.2
	8	PSS2-256-0.15T	0.15	3 × 200	0.045	7.2	0.09	5	0.42
	9	PSS2-256-0.25S	0.25	1 × 100	0.045	11.8	0.09	9.2	0.57
	10	PSS2-256-0.25T	0.25	3 × 200	0.045	11.8	0.09	9.2	0.57
	11	PSS2-256-0.4S	0.4	1 × 100	0.028	17.5	0.09	14.5	0.52
	12	PSS2-256-0.4T	0.4	3 × 200	0.028	17.5	0.09	14.5	0.52
32	13	PSS2-326-0.25S	0.25	1 × 100	0.071	9	0.14	6.5	0.59
	14	PSS2-326-0.25T	0.25	3 × 200	0.071	9	0.14	6.5	0.59
	15	PSS2-326-0.4S	0.4	1 × 100	0.071	13.8	0.14	10.8	0.55
	16	PSS2-326-0.4T	0.4	3 × 200	0.071	13.8	0.14	10.8	0.55
	17	PSS326E0.75	0.75	3 × 200	0.045	21.8	0.14	16	0.77
	18	PSS326E1.5	1.5	3 × 200	0.045	34	0.14	28	0.65
40	19	PSS2-406-0.4S	0.4	1 × 100	0.11	10.5	0.22	7.8	0.59
	20	PSS2-406-0.4T	0.4	3 × 200	0.11	10.5	0.22	7.8	0.59
	21	PSS406E0.75	0.75	3 × 200	0.06	18.5	0.25	9.5	0.79
	22	PSS406E1.5	1.5	3 × 200	0.06	28.5	0.25	19	0.70
	23	PSS406E2.2	2.2	3 × 200	0.06	37.8	0.25	26	0.61
	24	PSS406E3.7	3.7	3 × 200	0.06	55	0.25	41	0.41
50	25	PSS506E0.75	0.75	3 × 200	0.12	17	0.36	4.5	0.82
	26	PSS506E1.5	1.5	3 × 200	0.12	23.8	0.4	11.2	0.74
	27	PSS506E2.2	2.2	3 × 200	0.12	31.5	0.4	19	0.67
	28	PSS506E3.7	3.7	3 × 200	0.12	45	0.4	27.5	0.52
	29	PSS506E5.5	5.5	3 × 200	0.12	54	0.4	39	0.41
	30	PSS506E7.5	7.5	3 × 200	0.12	66	0.4	51	0.31

Bore d mm	Ref	Model	Motor kW	Voltage V	Standard specifications				Maximum back pressure MPa
					Capacity	Total head	Capacity	Total head	
					m ³ /min	m	m ³ /min	m	
65	31	PSS656E0.75	0.75	3 × 200	0.25	8.8	0.56	3.8	0.89
	32	PSS656E1.5	1.5	3 × 200	0.25	16.5	0.8	6.5	0.82
	33	PSS656E2.2	2.2	3 × 200	0.25	21.5	0.8	11.5	0.77
	34	PSS656E3.7	3.7	3 × 200	0.25	30	0.8	16	0.68
	35	PSS656E5.5	5.5	3 × 200	0.25	39.5	0.8	20	0.55
	36	PSS656E7.5	7.5	3 × 200	0.25	50	0.71	33	0.45
80	37	PSS806E1.5	1.5	3 × 200	0.45	9.5	0.9	5	0.87
	38	PSS806E2.2	2.2	3 × 200	0.45	15	1.1	6.5	0.82
	39	PSS806E3.7	3.7	3 × 200	0.45	20.5	1.4	8.8	0.77
	40	PSS806E5.5	5.5	3 × 200	0.45	29	1.4	14.5	0.65
	41	PSS806E7.5	7.5	3 × 200	0.45	35	1.4	22	0.60

● Anti-freezer such as Nybrine Z-1, GD brine 950 and Showbrine PP super of 35~50% and 0~90oC can be used for this product

● Please inquire about the different voltage (1×220~240V / 3×380~460V)

● In case of the different voltage model, Character string "T4" or "S2" may trail behind the model name

Standard end suction

For circulation line pump

Stainless Magnet Coupling

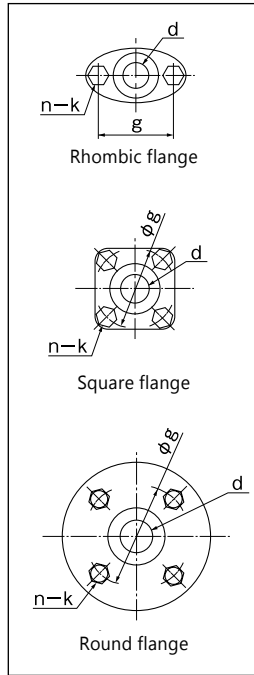
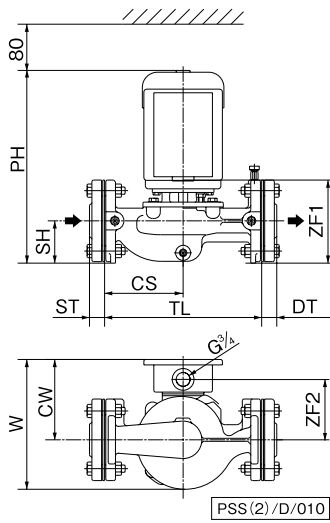
Self priming type

Standard accessory

PSS (2) Type

Outline dimension table Inquire specification sheets and drawings in case of actual work planing

● PSS2-S Type



● Flange dimensions (Common dimension)

Unit : mm

Bore	Figure	d	g	n	k	ST · DT
20	Rhombic	Rc3/4	56	2	M8	16.5
20		Rc3/4	75	4	M10	22
25		Rc1	75	4	M10	22
32	Square	Rc1 1/4	90	4	M10	23
40		Rc1 1/2	95	4	M10	25
50		Rc2	105	4	M10	27
32		Rc1 1/4	100	4	M12	25
40		Rc1 1/2	105	4	M12	25
50	Round	Rc2	120	4	M12	27
65		Rc2 1/2	140	4	M12	31
80		Rc3	150	8	M12	33

● PSS2-S Type 50Hz (Single phase)

Unit : mm

Bore d	Model	Motor kW	Dimensions								Mass kg	Flange figure
			PH	SH	TL	CS	W	CW	ZF1	ZF2		
20	PSS2-205-0.06S	0.06	264	33	150	75	183	133	101	100	8	Rhombic
	PSS2-205-0.1S	0.1	274	40	220	110	213	133	111	100	10.5	
	PSS2-205-0.15S	0.15	274	40	220	110	213	133	111	100	11	
25	PSS2-255-0.1S	0.1	274	40	220	110	213	133	111	100	10.5	Square
	PSS2-255-0.15S	0.15	274	40	220	110	213	133	111	100	11	
	PSS2-255-0.25S	0.25	295	40	220	110	213	133	111	100	12.5	
32	PSS2-255-0.4S	0.4	295	40	220	110	213	133	111	100	14	Square
	PSS2-325-0.15S	0.15	279	45	220	110	217	133	116	100	12	
	PSS2-325-0.25S	0.25	300	45	220	110	217	133	116	100	13	
40	PSS2-325-0.4S	0.4	300	45	220	110	217	133	116	100	15	Square
	PSS2-405-0.25S	0.25	308	50	220	110	214	133	124	100	13.5	
	PSS2-405-0.4S	0.4	308	50	220	110	214	133	124	100	16	
50	PSS2-505-0.4S	0.4	317	55	220	110	218	133	133	100	16.5	Square

PSS(2)/d/510 | E

● PSS2-S Type 60Hz (Single phase)

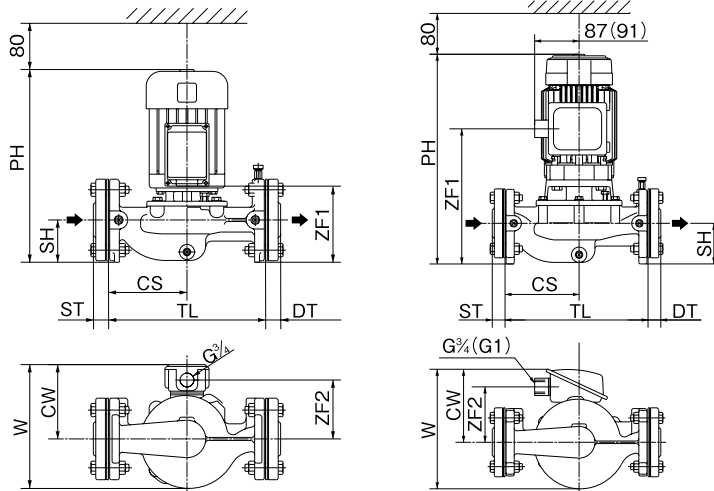
Unit : mm

Bore d	Model	Motor kW	Dimensions								Mass kg	Flange figure
			PH	SH	TL	CS	W	CW	ZF1	ZF2		
20	PSS2-206-0.06S	0.06	264	33	150	75	183	133	101	100	8	Rhombic
	PSS2-206-0.1S	0.1	264	33	150	75	183	133	101	100	9	
	PSS2-206-0.15S	0.15	274	40	220	110	212	133	111	100	11	
	PSS2-206-0.25S	0.25	295	40	220	110	212	133	111	100	12	
25	PSS2-256-0.15S	0.15	274	40	220	110	212	133	111	100	11	Square
	PSS2-256-0.25S	0.25	295	40	220	110	212	133	111	100	12.5	
32	PSS2-256-0.4S	0.4	295	40	220	110	212	133	111	100	14	Square
	PSS2-326-0.25S	0.25	300	45	220	110	217	133	116	100	13	
40	PSS2-326-0.4S	0.4	300	45	220	110	217	133	116	100	15	Square
	PSS2-406-0.4S	0.4	308	50	220	110	214	133	124	100	15.5	

PSS(2)/d/610 | E

● PSS2-S Type

● PSS Type



() shows the dimensions in case of 5.5kW or more model PSS(2)/D/020 E

● PSS2-T, PSS Type 50Hz (Three phase)

Unit : mm

Bore d	Model	Motor kW	Dimensions								Mass kg	Flange figure	
			PH	SH	TL	CS	W	CW	ZF1	ZF2			
20	PSS2-205-0.15T	0.15	274	40	220	110	201	123	111	97.5	10.5	Square	
	PSS2-255-0.15T	0.15	274	40	220	110	202	123	111	97.5	10.5		
	PSS2-255-0.25T	0.25	274	40	220	110	202	123	111	97.5	11		
25	PSS2-255-0.4T	0.4	295	40	220	110	202	123	111	97.5	13		
	PSS2-325-0.15T	0.15	279	45	220	110	207	123	116	97.5	11.5		
	PSS2-325-0.25T	0.25	279	45	220	110	207	123	116	97.5	11.5		
32	PSS2-325-0.4T	0.4	300	45	220	110	207	123	116	97.5	14		
	PSS325E0.75	0.75	411	70	260	130	234	143	265	109	25		Round
	PSS2-405-0.25T	0.25	287	50	220	110	204	123	124	97.5	12		Square
40	PSS2-405-0.4T	0.4	308	50	220	110	204	123	124	97.5	15		
	PSS405E0.75	0.75	416	75	260	130	238	143	270	109	25		
	PSS405E1.5	1.5	444	75	280	140	263	155	279	120	34		
	PSS405E2.2	2.2	436	75	280	140	275	167	284	132	39		
50	PSS2-505-0.4T	0.4	317	55	220	110	208	123	133	97.5	15.5	Square	
	PSS505E0.75	0.75	425	80	260	130	238	143	279	109	27		
	PSS505E1.5	1.5	454	80	260	130	250	155	289	120	34		
	PSS505E2.2	2.2	447	80	280	140	278	167	295	132	41		
	PSS505E3.7	3.7	502	100	340	180	292	167	310	132	52		
65	PSS655E0.75	0.75	446	100	340	170	247	143	300	109	32	Round	
	PSS655E1.5	1.5	475	100	340	170	259	155	310	120	38		
	PSS655E2.2	2.2	467	100	340	170	273	167	315	132	46		
	PSS655E3.7	3.7	507	100	340	175	290	167	315	132	54		
	PSS655E5.5	5.5	574	100	370	195	323	194	378	158	74		
80	PSS805E1.5	1.5	495	110	370	190	278	155	320	120	44		
	PSS805E2.2	2.2	487	110	370	190	290	167	325	132	50		
	PSS805E3.7	3.7	532	110	390	200	298	167	335	132	58		
	PSS805E5.5	5.5	594	110	390	200	327	194	398	158	77		
	PSS805E7.5	7.5	610	110	390	200	339	206	372	170	96		

PSS(2)/d/520 E

PSS (2) Type

● PSS2-T, PSS Type 60Hz (Three phase)

Unit : mm

Bore d	Model	Motor		Dimensions							Mass kg	Flange figure	
		kW		PH	SH	TL	CS	W	CW	ZF1			ZF2
20	PSS2-206-0.15T	0.15		274	40	220	110	202	123	111	97.5	10.5	Square
	PSS2-206-0.25T	0.25		274	40	220	110	202	123	111	97.5	10.5	
25	PSS2-256-0.15T	0.15		274	40	220	110	202	123	111	97.5	10.5	
	PSS2-256-0.25T	0.25		274	40	220	110	202	123	111	97.5	11	
	PSS2-256-0.4T	0.4		295	40	220	110	202	123	111	97.5	13	
32	PSS2-326-0.25T	0.25		279	45	220	110	207	123	116	97.5	11.5	
	PSS2-326-0.4T	0.4		300	45	220	110	207	123	116	97.5	14	
	PSS326E0.75	0.75		411	70	260	130	234	143	265	109	25	
	PSS326E1.5	1.5		440	70	260	130	246	155	275	120	32	
40	PSS2-406-0.4T	0.4		308	50	220	110	204	123	124	97.5	14.5	
	PSS406E0.75	0.75		416	75	260	130	238	143	270	109	25	
	PSS406E1.5	1.5		445	75	260	130	250	155	280	120	32	
	PSS406E2.2	2.2		436	75	280	140	275	167	284	132	39	
	PSS406E3.7	3.7		476	75	280	140	275	167	284	132	45	
50	PSS506E0.75	0.75		425	80	260	130	238	143	279	109	27	
	PSS506E1.5	1.5		454	80	260	130	250	155	289	120	34	
	PSS506E2.2	2.2		446	80	260	130	262	167	294	132	39	
	PSS506E3.7	3.7		487	80	280	140	275	167	295	132	49	
	PSS506E5.5	5.5		569	100	340	180	319	194	373	158	70	
	PSS506E7.5	7.5		585	100	340	180	319	206	347	170	89	
65	PSS656E0.75	0.75		446	100	340	170	247	143	300	109	32	
	PSS656E1.5	1.5		475	100	340	170	259	155	310	120	38	
	PSS656E2.2	2.2		467	100	340	170	271	167	315	132	44	
	PSS656E3.7	3.7		507	100	340	175	273	167	315	132	52	
	PSS656E5.5	5.5		574	100	370	195	323	194	378	158	73	
	PSS656E7.5	7.5		590	100	370	195	335	206	352	170	92	
80	PSS806E1.5	1.5		495	110	370	190	278	155	320	120	43	
	PSS806E2.2	2.2		487	110	370	190	290	167	325	132	50	
	PSS806E3.7	3.7		527	110	370	190	290	167	325	132	56	
	PSS806E5.5	5.5		594	110	390	200	324	194	398	158	76	
	PSS806E7.5	7.5		610	110	390	200	336	206	372	170	95	

PSS(2)/d/620 E

For circulation

PE (2) Type P in Line pump

2 pole



Application



(Please inquire in case drinking water application)

Features

- Strong against deterioration of bearing and insulation due to TEFC motor
- Long life and strong against leakage due to adoption of high quality mechanical seal which can stand antifreeze
- Less rust and easy maintenance

Suction total head (20°C)

Bore 20mm ~ 65mm	-6m
Bore 80mm	50Hz: -5.5m
	60Hz: -3m

Note) If the value obtained by subtracting 3 m from the total head is less than the value above, the value obtained by subtracting 3 m from the total head will be the maximum suction total head.

Standard specifications

- Liquid Clean water 0~90°C (however there should be no freezing) (Maximum 100°C Please inquire)
- Materials Impeller: SCS13
Shaft : SUS304 (portion contacting liquid)
Casing : Cast iron
- Shaft sealing Mechanical seal (SiC x Carbon)
- Motor TEFC outdoor
- Flange Special flange (bore size 25mm or less model)
JIS 10K thin type (bore size 32mm or more model)

Standard accessories

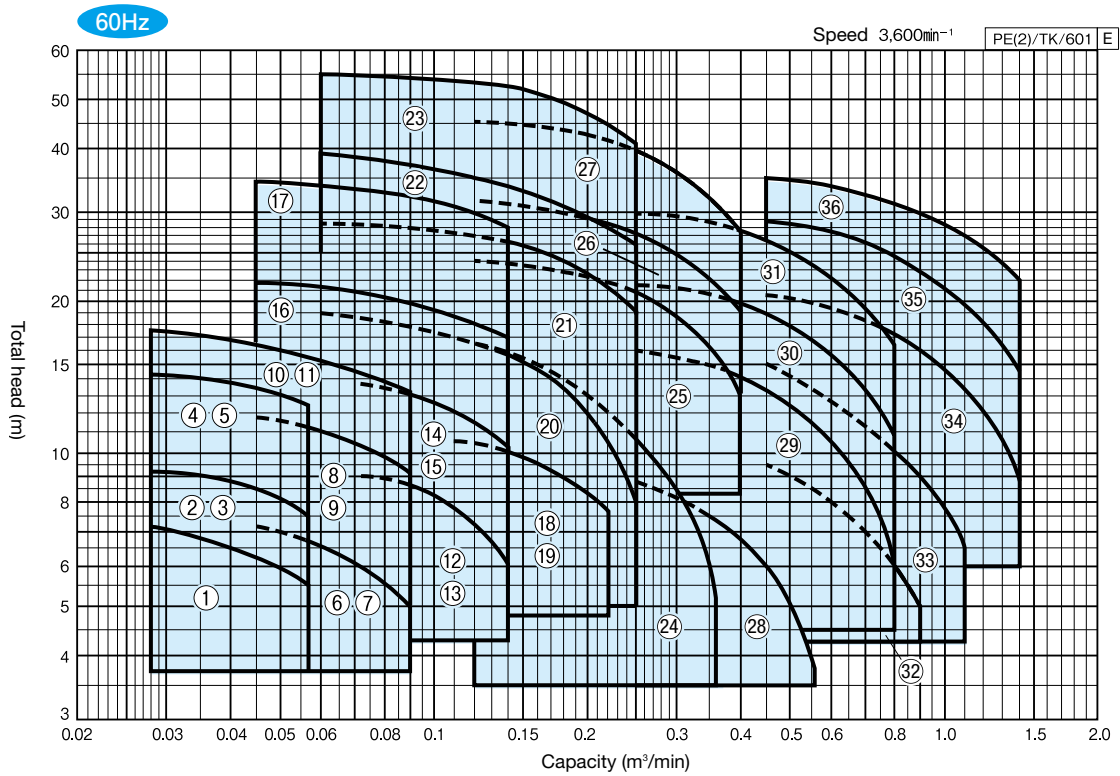
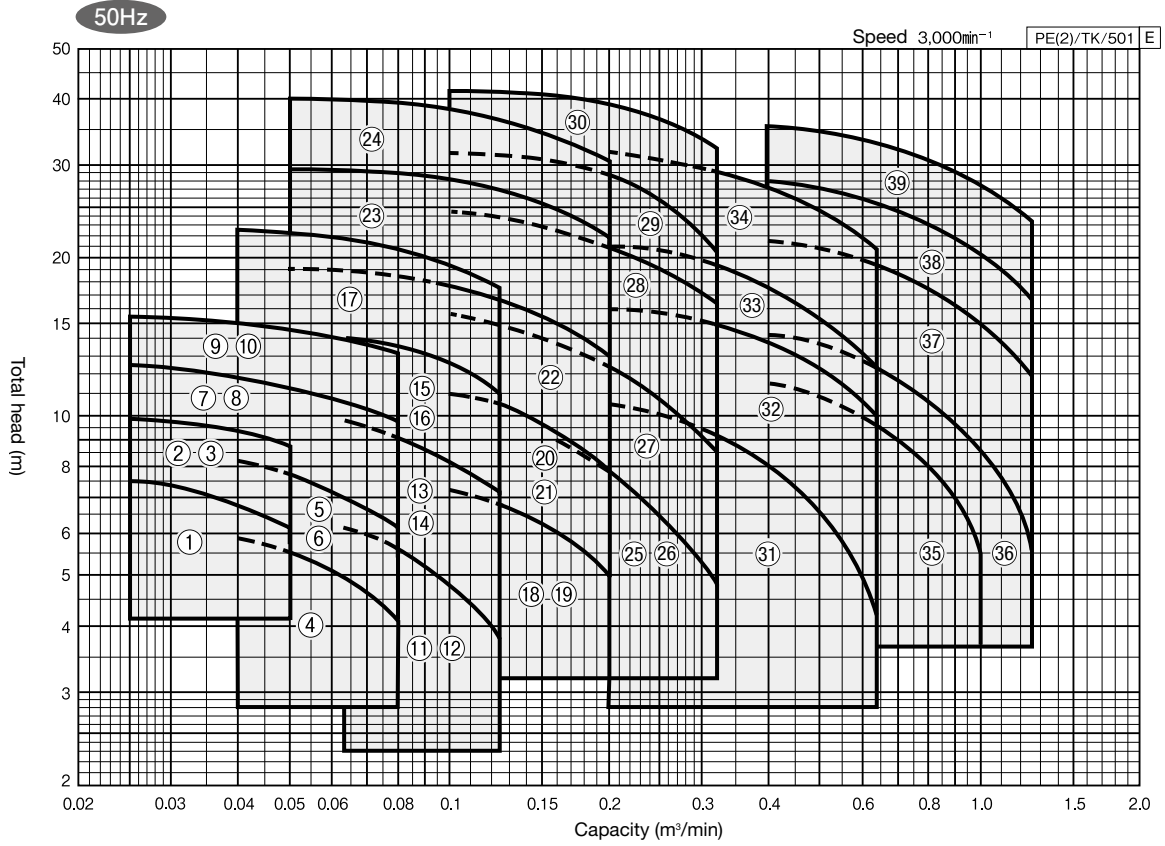
Companion flanges

Maximum back pressure

0.15kW or less	Single phase 0.2MPa
	Three phase (0.5 - Zero-discharge head of pump) MPa
0.25kW or more	(0.7 - Zero-discharge head of pump) MPa

Selection chart

These charts show the performance in case of Kawamoto standard motor.
Inquire specification sheets and drawings in case of actual work planing.



Standard end suction

For circulation
line pump

Stainless
Magnet Coupling

Self priming type

Standard accessory

PE (2) Type

Specification table

50Hz

PE(2)/SI/501 E

Bore mm	Ref	Model	Motor kW	Voltage V	Standard specifications				Maximum back pressure MPa
					Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m	
20	1	PE2-205-0.1S	0.1	1 × 100	0.025	7.5	0.05	6.2	0.2
	2	PE2-205-0.15S	0.15	1 × 100	0.025	9.8	0.05	8.8	0.2
	3	PE2-205-0.15T	0.15	3 × 200	0.025	9.8	0.05	8.8	0.39
25	4	PE2-255-0.1S	0.1	1 × 100	0.04	5.8	0.08	4.2	0.2
	5	PE2-255-0.15S	0.15	1 × 100	0.04	8.2	0.08	6.2	0.2
	6	PE2-255-0.15T	0.15	3 × 200	0.04	8.2	0.08	6.2	0.40
	7	PE2-255-0.25S	0.25	1 × 100	0.025	12.5	0.08	9.8	0.57
	8	PE2-255-0.25T	0.25	3 × 200	0.025	12.5	0.08	9.8	0.57
	9	PE2-255-0.4S	0.4	1 × 100	0.025	15.5	0.08	13.2	0.53
	10	PE2-255-0.4T	0.4	3 × 200	0.025	15.5	0.08	13.2	0.53
32	11	PE2-325-0.15S	0.15	1 × 100	0.063	6.2	0.125	3.8	0.2
	12	PE2-325-0.15T	0.15	3 × 200	0.063	6.2	0.125	3.8	0.43
	13	PE2-325-0.25S	0.25	1 × 100	0.063	9.8	0.125	7.2	0.58
	14	PE2-325-0.25T	0.25	3 × 200	0.063	9.8	0.125	7.2	0.58
	15	PE2-325-0.4S	0.4	1 × 100	0.063	14	0.125	11	0.54
	16	PE2-325-0.4T	0.4	3 × 200	0.063	14	0.125	11	0.54
	17	PE325E0.75	0.75	3 × 200	0.04	22.5	0.125	17.5	0.46
40	18	PE2-405-0.25S	0.25	1 × 100	0.1	7.2	0.2	5	0.62
	19	PE2-405-0.25T	0.25	3 × 200	0.1	7.2	0.2	5	0.62
	20	PE2-405-0.4S	0.4	1 × 100	0.1	11	0.2	7.8	0.57
	21	PE2-405-0.4T	0.4	3 × 200	0.1	11	0.2	7.8	0.57
	22	PE405E0.75	0.75	3 × 200	0.05	19	0.2	13	0.50
	23	PE405E1.5	1.5	3 × 200	0.05	29.8	0.2	22	0.39
	24	PE405E2.2	2.2	3 × 200	0.05	40	0.2	30.5	0.30
50	25	PE2-505-0.4S	0.4	1 × 100	0.16	9	0.32	4.8	0.60
	26	PE2-505-0.4T	0.4	3 × 200	0.16	9	0.32	4.8	0.60
	27	PE505E0.75	0.75	3 × 200	0.1	15.8	0.32	8.5	0.53
	28	PE505E1.5	1.5	3 × 200	0.1	24.5	0.32	16.5	0.45
	29	PE505E2.2	2.2	3 × 200	0.1	31.5	0.32	20.5	0.38
	30	PE505E3.7	3.7	3 × 200	0.1	42.5	0.32	32.5	0.29
65	31	PE655E0.75	0.75	3 × 200	0.2	10.5	0.63	4.2	0.57
	32	PE655E1.5	1.5	3 × 200	0.2	16	0.63	10	0.51
	33	PE655E2.2	2.2	3 × 200	0.2	21	0.63	12.5	0.46
	34	PE655E3.7	3.7	3 × 200	0.2	31.8	0.63	20.5	0.35
80	35	PE805E1.5	1.5	3 × 200	0.4	11.5	1	5.5	0.54
	36	PE805E2.2	2.2	3 × 200	0.4	14.2	1.25	5.5	0.52
	37	PE805E3.7	3.7	3 × 200	0.4	21.5	1.25	11.8	0.42
	38	PE805E5.5	5.5	3 × 200	0.4	28	1.25	16.5	0.38
	39	PE805E7.5	7.5	3 × 200	0.4	35	1.25	23.8	0.30

- Anti-freezer such as Nybrine Z-1, GD brine 950 and Showbrine PP super of 35~50% and 0~90oC can be used for this product
- Please inquire about the different voltage (1×220~240V / 3×380~460V)
- In case of the different voltage model, Character string "T4" or "S2" may trail behind the model name

Standard end suction
For circulation line pump
Stainless Magnet Coupling
Self priming type
Standard accessory

Specification table

60Hz

PE(2)/SI/601 E

Bore mm	Ref	Model	Motor kW	Voltage V	Standard specifications				Maximum back pressure MPa
					Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m	
20	1	PE2-206-0.1S	0.1	1 × 100	0.028	7.2	0.056	5.5	0.20
	2	PE2-206-0.15S	0.15	1 × 100	0.028	9.2	0.056	7.5	0.20
	3	PE2-206-0.15T	0.15	3 × 200	0.028	9.2	0.056	7.5	0.39
	4	PE2-206-0.25S	0.25	1 × 100	0.028	14.2	0.056	12.5	0.55
	5	PE2-206-0.25T	0.25	3 × 200	0.028	14.2	0.056	12.5	0.55
25	6	PE2-256-0.15S	0.15	1 × 100	0.045	7.2	0.09	5	0.20
	7	PE2-256-0.15T	0.15	3 × 200	0.045	7.2	0.09	5	0.41
	8	PE2-256-0.25S	0.25	1 × 100	0.045	11.8	0.09	9.2	0.56
	9	PE2-256-0.25T	0.25	3 × 200	0.045	11.8	0.09	9.2	0.56
	10	PE2-256-0.4S	0.4	1 × 100	0.028	17.5	0.09	13.2	0.51
	11	PE2-256-0.4T	0.4	3 × 200	0.028	17.5	0.09	13.2	0.51
32	12	PE2-326-0.25S	0.25	1 × 100	0.071	9	0.14	6.2	0.59
	13	PE2-326-0.25T	0.25	3 × 200	0.071	9	0.14	6.2	0.59
	14	PE2-326-0.4S	0.4	1 × 100	0.071	14	0.14	10.2	0.53
	15	PE2-326-0.4T	0.4	3 × 200	0.071	14	0.14	10.2	0.53
	16	PE326E0.75	0.75	3 × 200	0.045	21.8	0.14	17	0.46
	17	PE326E1.5	1.5	3 × 200	0.045	34	0.14	28	0.34
40	18	PE2-406-0.4S	0.4	1 × 100	0.11	10.5	0.22	7.8	0.58
	19	PE2-406-0.4T	0.4	3 × 200	0.11	10.5	0.22	7.8	0.58
	20	PE406E0.75	0.75	3 × 200	0.06	19	0.25	8	0.50
	21	PE406E1.5	1.5	3 × 200	0.06	28.5	0.25	19	0.40
	22	PE406E2.2	2.2	3 × 200	0.06	39	0.25	26	0.31
	23	PE406E3.7	3.7	3 × 200	0.06	55	0.25	41	0.14
50	24	PE506E0.75	0.75	3 × 200	0.12	16.5	0.36	5.2	0.51
	25	PE506E1.5	1.5	3 × 200	0.12	24	0.4	13	0.45
	26	PE506E2.2	2.2	3 × 200	0.12	31.5	0.4	19	0.36
	27	PE506E3.7	3.7	3 × 200	0.12	45	0.4	27.5	0.24
65	28	PE656E0.75	0.75	3 × 200	0.25	8.8	0.56	3.8	0.59
	29	PE656E1.5	1.5	3 × 200	0.25	15.8	0.8	6	0.51
	30	PE656E2.2	2.2	3 × 200	0.25	21.5	0.8	11	0.45
	31	PE656E3.7	3.7	3 × 200	0.25	29.5	0.8	16.5	0.36
80	32	PE806E1.5	1.5	3 × 200	0.45	9.5	0.9	5	0.57
	33	PE806E2.2	2.2	3 × 200	0.45	15	1.1	6.5	0.52
	34	PE806E3.7	3.7	3 × 200	0.45	20.5	1.4	8.8	0.45
	35	PE806E5.5	5.5	3 × 200	0.45	29	1.4	14.5	0.34
	36	PE806E7.5	7.5	3 × 200	0.45	35	1.4	22	0.29

- Anti-freezer such as Nybrine Z-1, GD brine 950 and Showbrine PP super of 35~50% and 0~90oC can be used for this product
- Please inquire about the different voltage (1×220~240V / 3×380~460V)
- In case of the different voltage model, Character string "T4" or "S2" may trail behind the model name

Standard end suction

For circulation
line pump

Stainless
Magnet Coupling

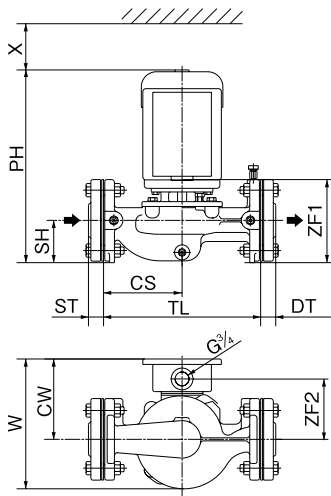
Self priming type

Standard accessory

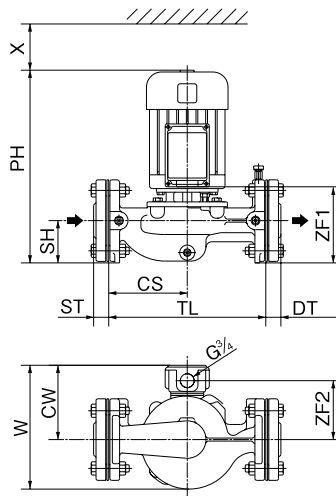
PE (2) Type

Outline dimension table Inquire specification sheets and drawings in case of actual work planing

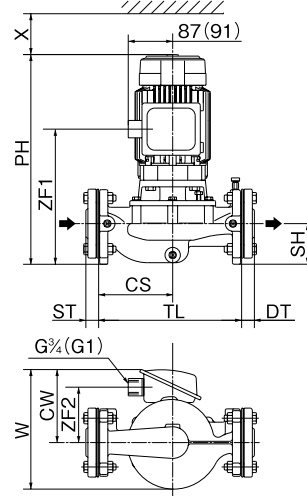
● PE2-S Type



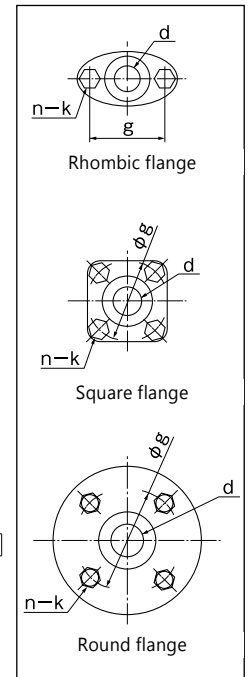
● PE2-T Type



● PE Type



() shows the dimensions in case of 5.5kW or more model PE(2)/D/000 E



● Flange dimensions (Common dimension) Unit mm

Bore	Figure	d	g	n	k	ST·DT
20	Rhombic	Rc3/4	70	2	M10	23
25		Rc1	70	2	M10	25
25	Square	Rc1	75	4	M10	22
32	Round	Rc1 1/4	100	4	M12	25
40		Rc1 1/2	105	4	M12	25
50		Rc2	120	4	M12	27
65		Rc2 1/2	140	4	M12	31
80		Rc3	150	8	M12	33

● PE2-S Type 50Hz (Single phase) Unit : mm

Bore d	Model	Motor	Pump						Motor terminal box		Others	Mass	Flange figure
		kW	PH	SH	TL	CS	W	CW	ZF1	ZF2	X	kg	
20	PE2-205-0.1S	0.1	279	46	180	85	198	133	(116)	(100)	80	11	Rhombic
	PE2-205-0.15S	0.15	279	46	180	85	200	133	(116)	(100)	80	11.5	
25	PE2-255-0.1S	0.1	279	46	180	85	198	133	(116)	(100)	80	11	Rhombic
	PE2-255-0.15S	0.15	278	45	220	110	213	133	(115)	(100)	80	12.5	
	PE2-255-0.25S	0.25	299	45	220	110	213	133	(115)	(100)	80	14	Square
	PE2-255-0.4S	0.4	299	45	220	110	213	133	(115)	(100)	80	16	
32	PE2-325-0.15S	0.15	298	70	260	130	215	133	(135)	(100)	80	17.5	Round
	PE2-325-0.25S	0.25	319	70	260	130	215	133	(135)	(100)	80	18.5	
	PE2-325-0.4S	0.4	319	70	260	130	215	133	(135)	(100)	80	20.5	
40	PE2-405-0.25S	0.25	328	75	260	130	215	133	(144)	(100)	80	19.5	Round
	PE2-405-0.4S	0.4	328	75	260	130	215	133	(144)	(100)	80	22	
50	PE2-505-0.4S	0.4	338	80	290	145	215	133	(154)	(100)	80	23.5	

* () is referential value PE(2)/d/510 E

● PE2-S Type 60Hz (Single phase) Unit : mm

Bore d	Model	Motor	Pump						Motor terminal box		Others	Mass	Flange figure
		kW	PH	SH	TL	CS	W	CW	ZF1	ZF2	X	kg	
20	PE2-206-0.1S	0.1	279	46	180	85	198	133	(116)	(100)	80	11	Rhombic
	PE2-206-0.15S	0.15	279	46	180	85	198	133	(116)	(100)	80	11.5	
	PE2-206-0.25S	0.25	300	46	180	85	200	133	(116)	(100)	80	12.5	
25	PE2-256-0.15S	0.15	278	45	220	110	213	133	(115)	(100)	80	12.5	Square
	PE2-256-0.25S	0.25	299	45	220	110	213	133	(115)	(100)	80	14	
	PE2-256-0.4S	0.4	299	45	220	110	213	133	(115)	(100)	80	16	
32	PE2-326-0.25S	0.25	319	70	260	130	215	133	(135)	(100)	80	18.5	Round
	PE2-326-0.4S	0.4	319	70	260	130	215	133	(135)	(100)	80	20.5	
40	PE2-406-0.4S	0.4	328	75	260	130	215	133	(144)	(100)	80	22	

* () is referential value PE(2)/d/610 E

Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

PE (2) Type

●PE, PE2-T Type 50Hz (Three phase)

Unit : mm

Bore d	Model	Motor	Pump						Motor terminal box		Others	Mass	Flange figure
		kW	PH	SH	TL	CS	W	CW	ZF1	ZF2	X	kg	
20	PE2-205-0.15T	0.15	279	46	180	85	190	123	(116)	(97.5)	80	11	Rhombic
	PE2-255-0.15T	0.15	278	45	220	110	203	123	(115)	(97.5)	80	12	
25	PE2-255-0.25T	0.25	278	45	220	110	203	123	(115)	(97.5)	80	12.5	Square
	PE2-255-0.4T	0.4	299	45	220	110	203	123	(115)	(97.5)	80	15	
32	PE2-325-0.15T	0.15	298	70	260	130	205	123	(135)	(97.5)	80	17	Round
	PE2-325-0.25T	0.25	298	70	260	130	205	123	(135)	(97.5)	80	17	
	PE2-325-0.4T	0.4	319	70	260	130	205	123	(135)	(97.5)	80	19.5	
	PE325E0.75	0.75	421	80	280	145	233	143	(275)	(109)	80	27	
40	PE2-405-0.25T	0.25	307	75	260	130	205	123	(144)	(97.5)	80	18	
	PE2-405-0.4T	0.4	328	75	260	130	205	123	(144)	(97.5)	80	21	
	PE405E0.75	0.75	428	87	300	150	235	143	(282)	(109)	80	28	
	PE405E1.5	1.5	456	87	340	175	266	155	(291)	(120)	80	37	
50	PE2-505-0.4T	0.4	338	80	290	145	205	123	(154)	(97.5)	80	22.5	
	PE505E0.75	0.75	440	95	315	160	237	143	(294)	(109)	80	29	
	PE505E1.5	1.5	469	95	315	160	249	155	(304)	(120)	80	35	
	PE505E2.2	2.2	462	95	340	175	287	167	(310)	(132)	80	47	
	PE505E3.7	3.7	502	95	340	175	287	167	(310)	(132)	80	54	
65	PE655E0.75	0.75	446	100	340	170	247	143	(300)	(109)	80	32	
	PE655E1.5	1.5	475	100	340	170	259	155	(310)	(120)	80	39	
	PE655E2.2	2.2	467	100	340	170	273	167	(315)	(132)	80	49	
	PE655E3.7	3.7	507	100	340	175	290	167	(315)	(132)	80	58	
80	PE805E1.5	1.5	495	110	370	190	278	155	(330)	(120)	100	49	
	PE805E2.2	2.2	487	110	370	190	290	167	(335)	(132)	100	55	
	PE805E3.7	3.7	527	110	390	190	298	167	(335)	(132)	100	65	
	PE805E5.5	5.5	594	110	390	200	329	194	(398)	(158)	100	79	
	PE805E7.5	7.5	610	110	390	200	340	205	(371)	(170)	100	98	

* () is referential value [PE(2)/d/520] E

●PE, PE2-T Type 60Hz (Three phase)

Unit : mm

Bore d	Model	Motor	Pump						Motor terminal box		Others	Mass	Flange figure
		kW	PH	SH	TL	CS	W	CW	ZF1	ZF2	X	kg	
20	PE2-206-0.15T	0.15	279	46	180	85	188	123	(116)	(97.5)	80	11	Rhombic
	PE2-206-0.25T	0.25	279	46	180	85	190	123	(116)	(97.5)	80	11	
25	PE2-256-0.15T	0.15	278	45	220	110	203	123	(115)	(97.5)	80	12	Square
	PE2-256-0.25T	0.25	278	45	220	110	203	123	(115)	(97.5)	80	12.5	
32	PE2-326-0.15T	0.15	298	70	260	130	205	123	(135)	(97.5)	80	17	Round
	PE2-326-0.25T	0.25	298	70	260	130	205	123	(135)	(97.5)	80	17	
	PE2-326-0.4T	0.4	319	70	260	130	205	123	(135)	(97.5)	80	19.5	
	PE326E0.75	0.75	421	80	260	135	220	143	(275)	(109)	80	27	
40	PE2-406-0.4T	0.4	328	75	260	130	205	123	(144)	(97.5)	80	21	
	PE406E0.75	0.75	428	87	300	150	235	143	(282)	(109)	80	29	
	PE406E1.5	1.5	457	87	300	150	247	155	(292)	(120)	80	34	
	PE406E2.2	2.2	448	87	340	175	278	167	(296)	(132)	80	43	
50	PE406E3.7	3.7	488	87	340	175	278	167	(296)	(132)	80	47	
	PE506E0.75	0.75	440	95	315	160	237	143	(294)	(109)	80	28	
	PE506E1.5	1.5	469	95	315	160	249	155	(304)	(120)	80	35	
	PE506E2.2	2.2	461	95	315	160	261	167	(309)	(132)	80	40	
	PE506E3.7	3.7	502	95	340	175	287	167	(310)	(132)	80	53	
65	PE656E0.75	0.75	446	100	340	170	247	143	(300)	(109)	80	32	
	PE656E1.5	1.5	475	100	340	170	259	155	(310)	(120)	80	39	
	PE656E2.2	2.2	467	100	340	170	271	167	(315)	(132)	80	44	
	PE656E3.7	3.7	507	100	340	170	273	167	(315)	(132)	80	55	
80	PE806E1.5	1.5	495	110	370	190	279	155	(330)	(120)	100	43	
	PE806E2.2	2.2	487	110	370	190	290	167	(335)	(132)	100	54	
	PE806E3.7	3.7	527	110	370	190	290	167	(335)	(132)	100	61	
	PE806E5.5	5.5	594	110	390	200	325	194	(398)	(158)	100	78	
	PE806E7.5	7.5	610	110	390	200	336	205	(371)	(170)	100	97	

* () is referential value [PE(2)/d/620] E

Standard end suction

For circulation
line pump

Stainless
Magnet Coupling

Self priming type

Standard accessory

GRM Type Magnet Coupling Pump 2 pole

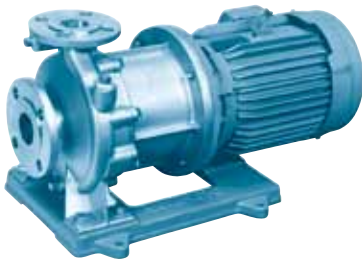
Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory



Application



Features

- Sealless construction of magnet coupling
- Excellent corrosion resistance and long life
- Easy maintenance and inspection due to back pull out construction

Standard specifications

- Liquid Please inquire to us or our distributors about liquid available to be handled (liquid quality, liquid temperature and etc) by each application
- Materials Impeller, Casing, Cover : SCS14
Shaft : SUS316
Submersed bearing, Sleeve: SiC
- Construction Pump + Motor
Magnet coupling sealless construction
- Installation Indoor
- Motor TEFC indoor
- Flange JIS 10K Standard type

Standard accessories

Motor, Base

Maximum back pressure

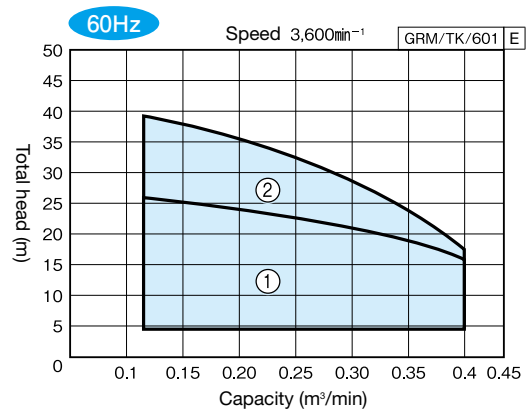
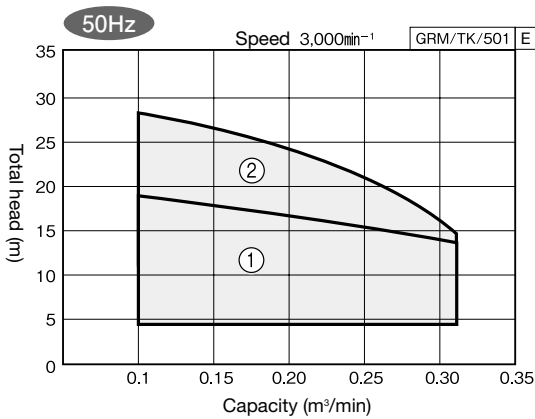
(1-Zero-discharge head of pump) MPa

Suction total head (20°C)

-6 m

Selection chart These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.

* In case clean water



Specification table

* In case clean water

50Hz GRM/SI/502 E

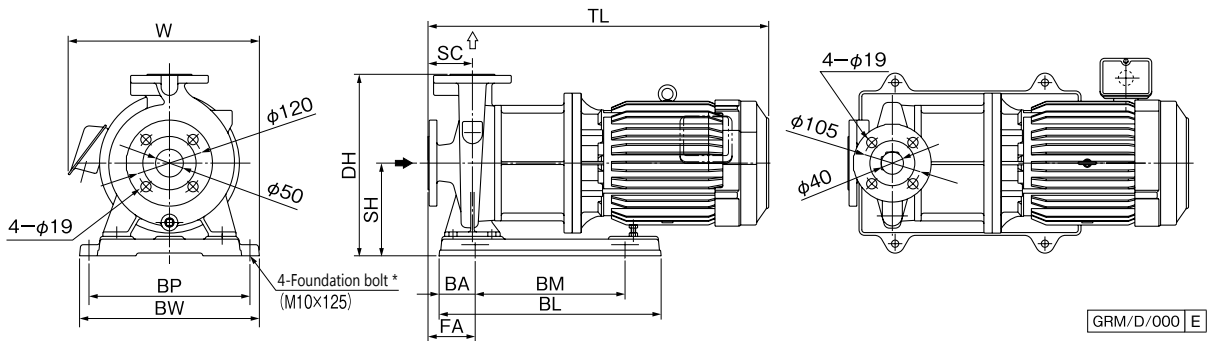
Suction bore	Discharge bore	Ref	Model	Motor	Standard specifications				Vibration isolator application table
					Capacity	Total head	Capacity	Total head	
mm	mm			kW	m ³ /min	m	m ³ /min	m	
50	40	1	GRM50ME2.2	2.2	0.1	18.2	0.32	13	PBKV-52-404-01,PX-60Z
		2	GRM50ME3.7	3.7	0.1	27.5	0.32	14.8	QRE-02A,PX-75Z

60Hz GRM/SI/601 E

Suction bore	Discharge bore	Ref	Model	Motor	Standard specifications				Vibration isolator application table
					Capacity	Total head	Capacity	Total head	
mm	mm			kW	m ³ /min	m	m ³ /min	m	
50	40	1	GRM50ME2.2	2.2	0.12	25.5	0.4	16.2	PBKV-52-404-01,PX-60Z
		2	GRM50ME3.7	3.7	0.12	39.2	0.4	17.5	QRE-02A,PX-75Z

Outline dimension table Inquire specification sheets and drawings in case of actual work planing

Following figure is example of 3.7kW model



* Foundation bolts are optional accessories

50Hz

Suction bore	Discharge bore	Model	Motor	Combinations							Base				Mass
			kW	SC	TL	DH	SH	W	FA	BL	BA	BM	BP	BW	kg
50	40	GRM50ME2.2	2.2	80	527	272	132	288	80	360	60	240	230	260	43
		GRM50ME3.7	3.7	80	611	327	167	342	80	400	65	270	290	324	72

GRM/d/000 E

60Hz

Suction bore	Discharge bore	Model	Motor	Combinations							Base				Mass
			kW	SC	TL	DH	SH	W	FA	BL	BA	BM	BP	BW	kg
50	40	GRM50ME2.2	2.2	80	527	272	132	288	80	360	60	240	230	260	43
		GRM50ME3.7	3.7	80	611	327	167	342	80	400	65	270	290	324	72

GRM/d/000 E

Standard end suction

For circulation
line pump

Stainless
Magnet Coupling

Self priming type

Standard accessory

GES-C Type Stainless steel compact centrifugal pump 2 pole



Standard end suction

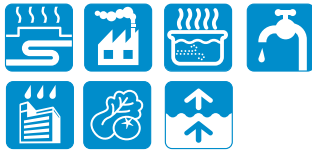
For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

Application



Features

- Compact, light weight and less installation space
- Easy maintenance and inspection due to back pull out construction
- High efficiency, excellent pump performance, high back pressure and excellent suction performance.
- Maintenance is easy because long life mechanical seal is adopted for shaft sealing and compact mono block construction.
- Evaluated item of <Horizontal centrifugal pump> by (C) Public Buildings Association, Ltd.

Standard specifications

- Liquid Clean water 0~90°C (there should be no freezing)
- Materials Impeller : SCS14
Shaft : SUS304
Casing : SCS13
- Shaft sealing Mechanical seal (Ceramic x Carbon)
- Motor TEFC outdoor
- Flange JIS 10K Standard type

Standard accessories

Motor, Base

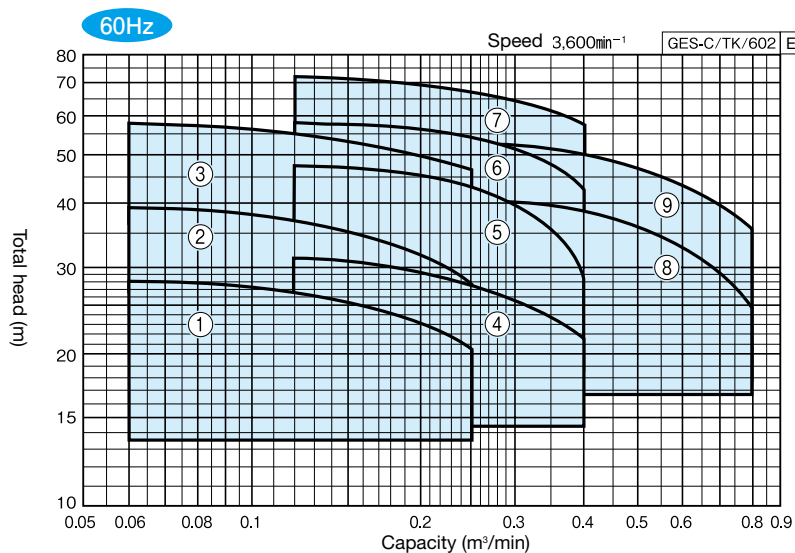
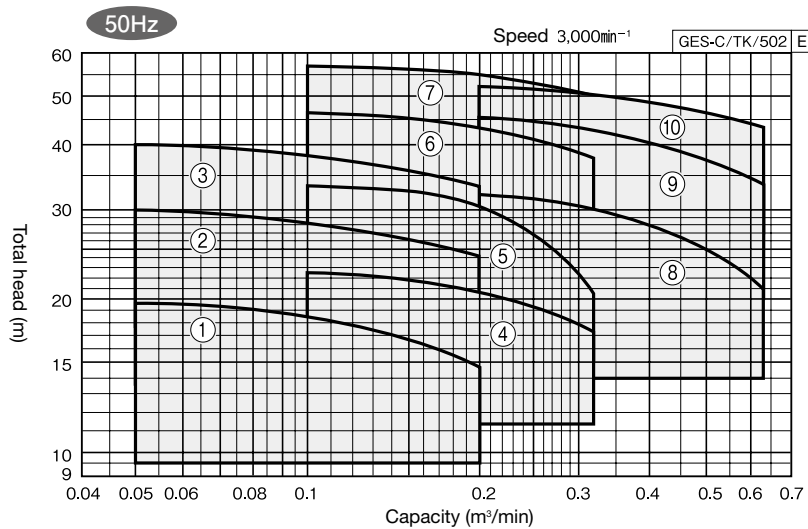
Maximum back pressure

(1-Zero-discharge head of pump) MPa

Maximum suction total head (20°C)

-6 m

Selection chart



Specification table

50Hz

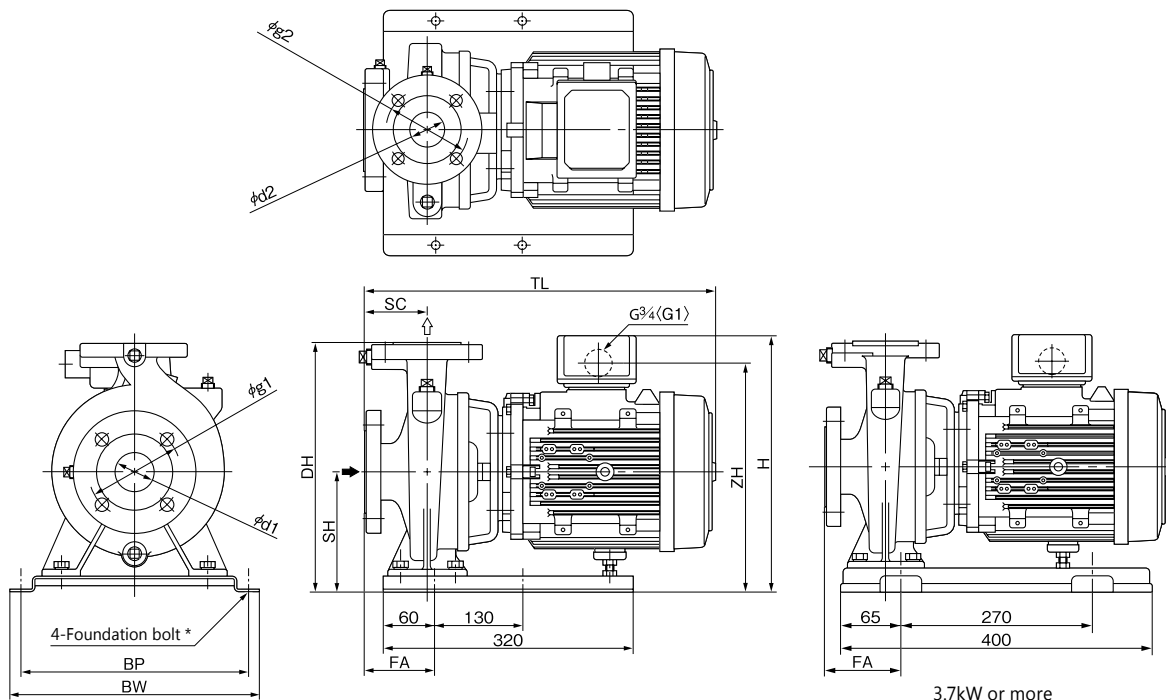
Bore d1 mm	Bore d2 mm	Ref	Model	Motor kW	Performance						Maximum back pressure MPa	Vibration isolator application table	
					Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m			
40	32	1	GES405CE0.75	0.75	0.05	19.5	0.12	17.8	0.2	14.5	0.77	PBKV-46-404-01	PX-60ZY
		2	GES405CE1.5	1.5	0.05	30	0.12	27.5	0.2	24	0.68	PBKV-46-404-02	PX-60Z
		3	GES405CE2.2	2.2	0.05	40	0.12	37	0.2	33	0.57		
50	40	4	GES505CE1.5	1.5	0.1	22.5	0.2	20.8	0.32	17	0.74	PBKV-46-404-01	PX-60Z
		5	GES505CE2.2	2.2	0.1	33.5	0.2	30.5	0.32	20.5	0.64	PBKV-46-404-02	
		6	GES505CE3.7	3.7	0.1	45.5	0.2	43.5	0.32	37.5	0.51	QRE-01A	
		7	GES505CE5.5	5.5	0.1	57	0.2	55	0.32	50	0.39		
65	50	8	GES655CE3.7	3.7	0.2	32.5	0.4	28.5	0.63	21	0.66	QRE-01A	PX-60Z
		9	GES655CE5.5	5.5	0.2	45	0.4	41	0.63	34	0.53		QRE-01A
		10	GES655CE7.5	7.5	0.2	52	0.4	49	0.63	43	0.46		

60Hz

Bore d1 mm	Bore d2 mm	Ref	Model	Motor kW	Performance						Maximum back pressure MPa	Vibration isolator application table	
					Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m			
40	32	1	GES406CE1.5	1.5	0.06	28	0.16	25	0.25	20.5	0.69	PBKV-46-404-01	PX-60Z
		2	GES406CE2.2	2.2	0.06	39	0.16	34.5	0.25	27.5	0.59	PBKV-46-404-02	
		3	GES406CE3.7	3.7	0.06	57	0.16	52.5	0.25	46.5	0.40	QRE-01A	
50	40	4	GES506CE2.2	2.2	0.12	31	0.25	27.8	0.4	21.5	0.65	PBKV-46-404-01	PX-60Z
		5	GES506CE3.7	3.7	0.12	47.5	0.25	43	0.4	28.5	0.48	QRE-01A	
		6	GES506CE5.5	5.5	0.12	56.5	0.25	52.5	0.4	43	0.41		
		7	GES506CE7.5	7.5	0.12	71	0.25	68	0.4	57.5	0.25		
65	50	8	GES656CE5.5	5.5	0.25	40.5	0.5	36	0.8	25	0.58	QRE-01A	PX-60Z
		9	GES656CE7.5	7.5	0.25	52	0.5	47	0.8	36	0.46		

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 : M10x125

< > shows the dimensions in case of 5.5kW or more model

GES-C Type

50Hz

Unit : mm

Bore d1	Bore d2	Ref	Model	Motor	Dimensions (mm)									Flange dimension				Mass
				kW	SC	TL	DH	SH	FA	H	BP	BW	ZH	d1	d2	g1	g2	kg
40	32	1	GES405CE0.75	0.75	65	414	272	132	87	275	230	260	241	40	32	105	100	25
		2	GES405CE1.5	1.5	80	452	312	152	80	—	290	320	272	40	32	105	100	35
		3	GES405CE2.2	2.2	80	447	312	152	80	319	290	320	284	40	32	105	100	41
50	40	4	GES505CE1.5	1.5	80	457	272	132	80	287	230	260	252	50	40	120	105	34
		5	GES505CE2.2	2.2	80	452	312	152	80	319	290	320	284	50	40	120	105	43
		6	GES505CE3.7	3.7	80	492	327	167	85	334	290	324	299	50	40	120	105	51
		7	GES505CE5.5	5.5	80	559	375	195	85	389	290	324	353	50	40	120	105	73
65	50	8	GES655CE3.7	3.7	80	492	327	167	85	334	290	324	299	65	50	140	120	52
		9	GES655CE5.5	5.5	100	579	375	195	105	389	350	384	353	65	50	140	120	75
		10	GES655CE7.5	7.5	100	595	375	195	105	400	350	384	365	65	50	140	120	94

Note) H is committed in case $H \leq DH$

GES-C/Hd/500 E

60Hz

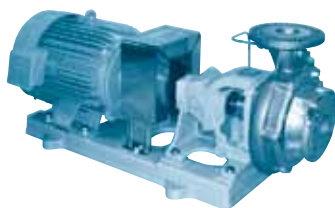
Unit : mm

Bore d1	Bore d2	Ref	Model	Motor	Dimensions (mm)									Flange dimension				Mass
				kW	SC	TL	DH	SH	FA	H	BP	BW	ZH	d1	d2	g1	g2	kg
40	32	1	GES406CE1.5	1.5	65	440	272	132	87	287	230	260	252	40	32	105	100	31
		2	GES406CE2.2	2.2	80	447	312	152	80	319	290	320	284	40	32	105	100	41
		3	GES406CE3.7	3.7	80	485	327	167	85	334	290	324	299	40	32	105	100	47
50	40	4	GES506CE2.2	2.2	80	452	272	132	80	299	230	260	264	50	40	120	105	40
		5	GES506CE3.7	3.7	80	492	327	167	85	334	290	324	299	50	40	120	105	51
		6	GES506CE5.5	5.5	80	559	355	195	85	389	290	324	353	50	40	120	105	68
		7	GES506CE7.5	7.5	80	575	375	195	85	400	290	324	365	50	40	120	105	91
65	50	8	GES656CE5.5	5.5	80	559	355	195	85	389	290	324	353	65	50	140	120	69
		9	GES656CE7.5	7.5	80	575	355	195	85	400	290	324	365	65	50	140	120	88

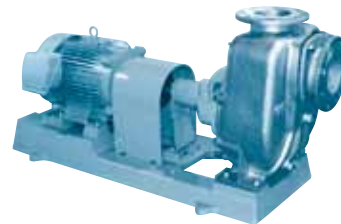
Note) H is committed in case $H \leq DH$

GES-C/Hd/600 E

■ Series products (For special kind liquid applications... Consult to us or our distributors in detail)



2 pole stainless steel centrifugal pump



2 pole stainless steel self-priming centrifugal pump

Standard end suction

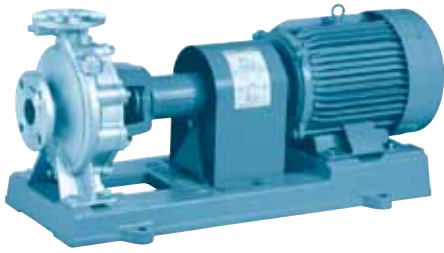
For circulation
line pump

Stainless
Magnet Coupling

Self priming type

Standard accessory

GES-2M Type Stainless centrifugal pump 2 pole



• Inquire sea water and other special liquid applications

Application



Features

- Sanitary and clean due to stainless material are used for portion contacting liquid
- Maintenance is easy because long life mechanical seal is standardly adopted for shaft seal with few water leakages
- Easy maintenance and inspection due to back pull out construction
- Long life and strong against dust and humidity because TEFC outdoor motor is standardly adopted
- High efficiency and high total head pump design by using precision cast stainless steel material

Standard specifications

- Liquid Clean water 0~90°C (there should be no freezing)
- Materials Impeller: SCS14
Shaft :SUS316
Casing :SCS13
- Construction Impeller Closed type
Shaft sealing Mechanical seal (SiC x Carbon)
- Bearing Closed ball bearing
- Motor TEFC indoor
- Flange JIS 10K Standard type

Standard accessories

Motor, Base, Coupling, Coupling cover

Maximum back pressure

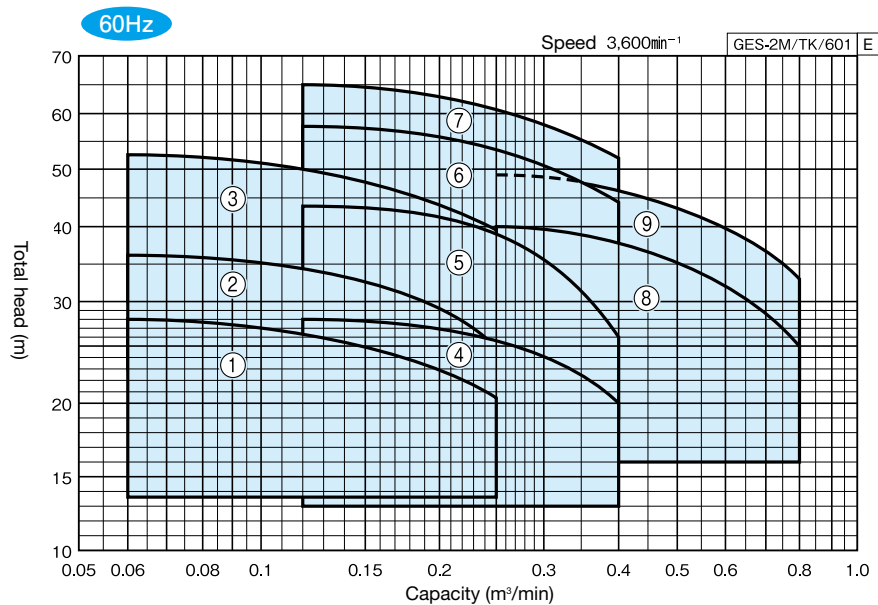
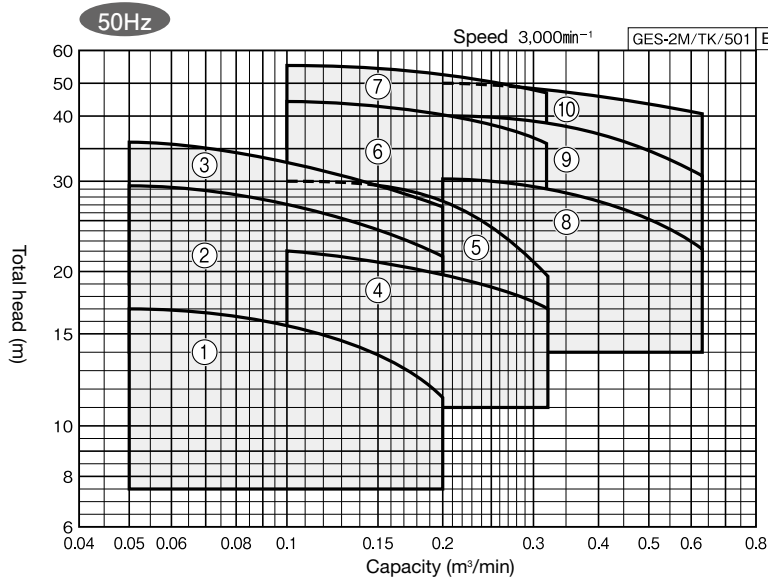
(1-Zero-discharge head of pump) MPa

Maximum suction total head (20°C)

-6 m

Selection chart

These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.



Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

GES-2M Type

Specification table

Bore d1×d2 mm	Ref	Model	Motor kW	Performance				Maximum back pressure MPa	Vibration isolator application table	
				Capacity		Total head				
				m ³ /min	m	m ³ /min	m			
40 × 32	1	GES405M2ME0.75	0.75	0.05	17	0.2	11.5	0.80	QRE-01A	PX-60Z
	2	GES405M2ME1.5	1.5	0.05	29.5	0.2	21.5	0.68	QRE-02A	PX-85Z
	3	GES405M2ME2.2	2.2	0.05	35.5	0.2	27	0.62	QRE-02A	
50 × 40	4	GES505M2ME1.5	1.5	0.1	22	0.32	17	0.75	QRE-04D	PX-85Z
	5	GES505M2ME2.2	2.2	0.1	30	0.32	19.5	0.67	QRE-04D	
	6	GES505M2ME3.7	3.7	0.1	44	0.32	36	0.54	QRE-04D	PX-95Z
	7	GES505M2ME5.5	5.5	0.1	55	0.32	47.5	0.42	QRE-04D	
65 × 50	8	GES655M2ME3.7	3.7	0.2	30.5	0.63	22	0.68	QRE-04D	PX-95Z
	9	GES655M2ME5.5	5.5	0.2	40.5	0.63	31	0.58	QRE-04D	
	10	GES655M2ME7.5	7.5	0.2	50	0.63	41.5	0.48	QRE-05D	

60Hz

Bore d1×d2 mm	Ref	Model	Motor kW	Performance				Maximum back pressure MPa	Vibration isolator application table	
				Capacity		Total head				
				m ³ /min	m	m ³ /min	m			
40 × 32	1	GES406M2ME1.5	1.5	0.06	28	0.25	20.5	0.69	QRE-02A	PX-75Z
	2	GES406M2ME2.2	2.2	0.06	36	0.25	25	0.61	QRE-02A	PX-85Z
	3	GES406M2ME3.7	3.7	0.06	52.5	0.25	39.5	0.44	QRE-02A	PX-85Z
50 × 40	4	GES506M2ME2.2	2.2	0.12	28	0.4	20	0.69	QRE-04D	PX-85Z
	5	GES506M2ME3.7	3.7	0.12	43.5	0.4	26.5	0.54	QRE-04D	PX-95Z
	6	GES506M2ME5.5	5.5	0.12	57.5	0.4	44	0.40	QRE-04D	PX-95Z
	7	GES506M2ME7.5	7.5	0.12	65	0.4	52	0.31	QRE-04D	PX-95Z
65 × 50	8	GES656M2ME5.5	5.5	0.25	40	0.8	25	0.58	QRE-04D	PX-95Z
	9	GES656M2ME7.5	7.5	0.25	49	0.8	33	0.49	QRE-04D	PX-95Z

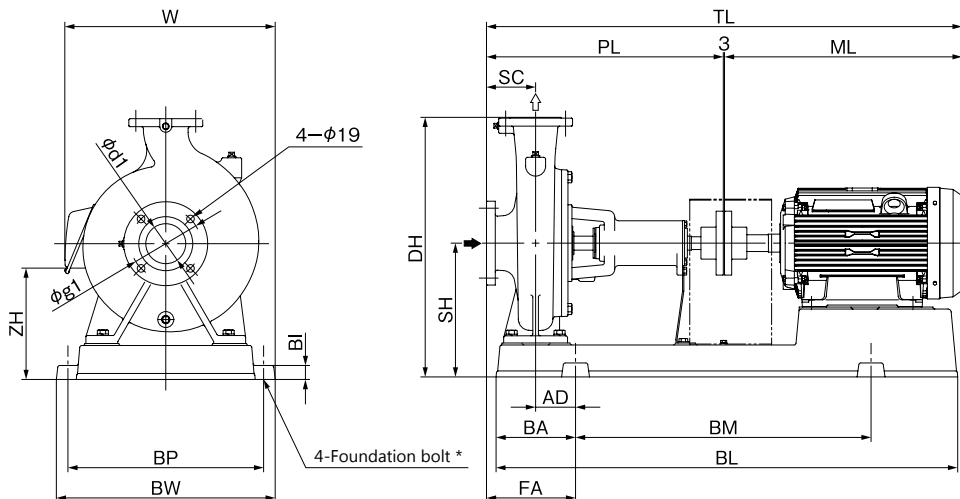
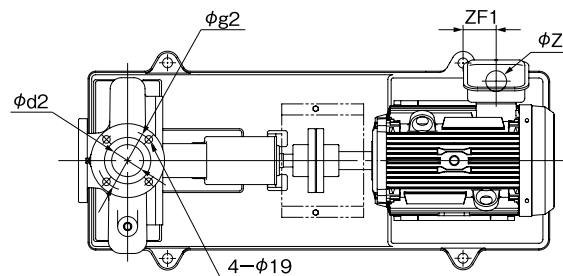
Outline dimension table

Inquire specification sheets and drawings in case of actual work planing

● Flange

Unit : mm

Bore d1	Bore d2	g1	g2	n1	n2
40	32	105	100	4	4
50	40	120	105	4	4
65	50	140	120	4	4



* Companion flanges are optional accessories
* Foundation bolts are optional accessories

GES-2M/HD/000 E

GES-2M Type

50Hz

Unit : mm

Bore d1xd2	Model	Motor	Pump		Base						Combinations						Others				Mass kg	Foundation bolt	
		kW	SC	PL	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	FA	W	ML	ZF1	ZF2	ZH			Z
40 x 32	GES405M2ME0.75	0.75	65	265	20	468	82	300	230	266	317	177	530	35	100	278	262	48	-3	160	27	39	M12x160
	GES405M2ME1.5	1.5	80	360	25	648	112	420	290	336	347	187	675	50	130	-	312	35	13	171	27	54	M16x200
	GES405M2ME2.2	2.2	80	360	25	648	112	420	290	336	347	187	675	50	130	-	312	35	13	171	27	57	M16x200
50 x 40	GES505M2ME1.5	1.5	80	440	25	726	127	480	290	336	307	167	755	60	140	-	312	45	13	154	27	60	M16x200
	GES505M2ME2.2	2.2	80	440	25	722	120	480	290	336	347	187	755	55	135	-	312	50	13	174	27	64	M16x200
	GES505M2ME3.7	3.7	80	440	25	818	138	540	320	366	357	197	830	70	150	-	381	24	8	190	27	90	M16x200
	GES505M2ME5.5	5.5	80	440	25	819	138	540	350	396	405	225	894	70	150	-	451	67	2	215	27	119	M16x200
65 x 50	GES655M2ME3.7	3.7	80	440	25	818	138	540	320	366	357	197	830	70	150	-	381	22	8	190	27	91	M16x200
	GES655M2ME5.5	5.5	100	460	25	819	138	540	350	396	405	225	914	70	170	-	451	67	2	215	27	124	M16x200
	GES655M2ME7.5	7.5	100	460	25	819	138	540	350	396	405	225	914	70	170	-	451	67	2	215	27	126	M16x200

Note 1) W is omitted in case $W \leq BW$ Gland packing types also have same dimensions.

Note 2) If the motor end is within the base, $TL \geq PL+3+ML$ applies.

Note 3) <-> shows revers direction to the drawing in this table

GES-2M/Hd/500 E

60Hz

Unit : mm

Bore d1xd2	Model	Motor	Pump		Base						Combinations						Others				Mass kg	Foundation bolt	
		kW	SC	PL	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	FA	W	ML	ZF1	ZF2	ZH			Z
40 x 32	GES406M2ME1.5	1.5	65	265	20	516	92	330	230	266	307	167	580	45	110	291	312	50	-17	154	27	43	M12x160
	GES406M2ME2.2	2.2	80	360	25	648	112	420	290	336	347	187	675	50	130	-	312	35	13	171	27	57	M16x200
	GES406M2ME3.7	3.7	80	360	25	648	112	420	290	336	357	197	744	50	130	349	381	82	-7	190	27	80	M16x200
50 x 40	GES506M2ME2.2	2.2	80	440	25	726	127	480	290	336	307	167	755	60	140	-	312	45	13	154	27	60	M16x200
	GES506M2ME3.7	3.7	80	440	25	818	138	540	320	366	357	197	830	70	150	-	381	24	8	190	27	91	M16x200
	GES506M2ME5.5	5.5	80	440	25	816	138	540	350	396	357	197	894	70	150	-	451	67	2	184	27	108	M16x200
	GES506M2ME7.5	7.5	80	440	25	819	138	540	350	396	405	225	894	70	150	-	451	67	2	215	27	121	M16x200
65 x 50	GES656M2ME5.5	5.5	80	440	25	816	138	540	350	396	357	197	894	70	150	-	451	67	2	187	27	111	M16x200
	GES656M2ME7.5	7.5	80	440	25	816	138	540	350	396	357	197	894	70	150	-	451	67	2	187	27	113	M16x200

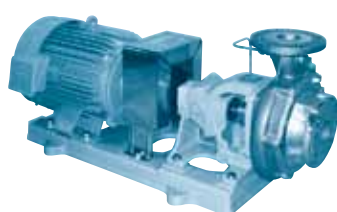
Note 1) W is omitted in case $W \leq BW$ Gland packing types also have same dimensions.

Note 2) If the motor end is within the base, $TL \geq PL+3+ML$ applies.

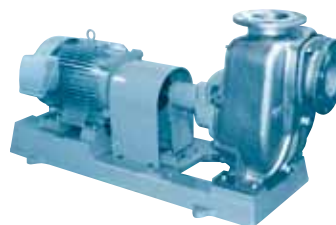
Note 3) <-> shows revers direction to the drawing in this table

GES-2M/Hd/600 E

Series products (For special kind liquid applications... Consult to us or our distributors in detail)



2 pole stainless steel centrifugal pump



2 pole stainless steel self-priming centrifugal pump

Standard end suction

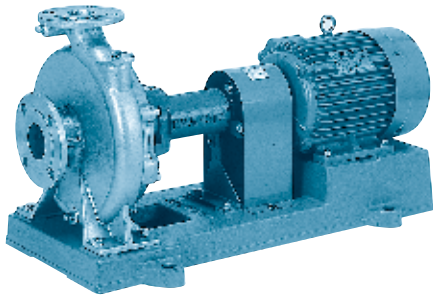
For circulation
line pump

Stainless
Magnet Coupling

Self priming type

Standard accessory

GES-4M Type Stainless centrifugal pump 4 pole



Application



Features

- Sanitary and clean due to stainless material are used for portion contacting liquid
- Maintenance is easy because long life mechanical seal is standardly adopted for shaft seal with few water leakages
- Easy maintenance and inspection due to back pull out construction
- Long life and strong against dust and humidity because TEFC indoor is standardly adopted
- High efficiency and high total head pump design by using precision cast stainless steel material
- Evaluated item of <Horizontal centrifugal pump> by (C) Public Buildings Association., Ltd.

Standard specifications

- Liquid Clean water 0~90°C (there should be no freezing)
- Materials Impeller:SCS14
Shaft :SUS316
Casing :SCS13
- Shaft sealing Mechanical seal (SiC x Carbon)
- Motor TEFC indoor
- Flange JIS 10K Standard type

Standard accessories

Motor, Base, Coupling, Coupling cover

Maximum back pressure

(1-Zero-discharge head of pump) MPa

Maximum suction total head (20°C)

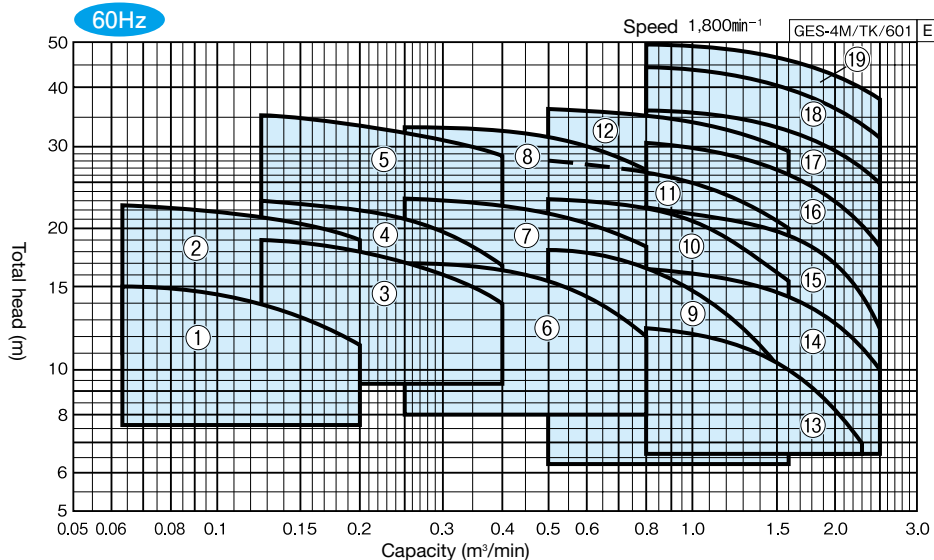
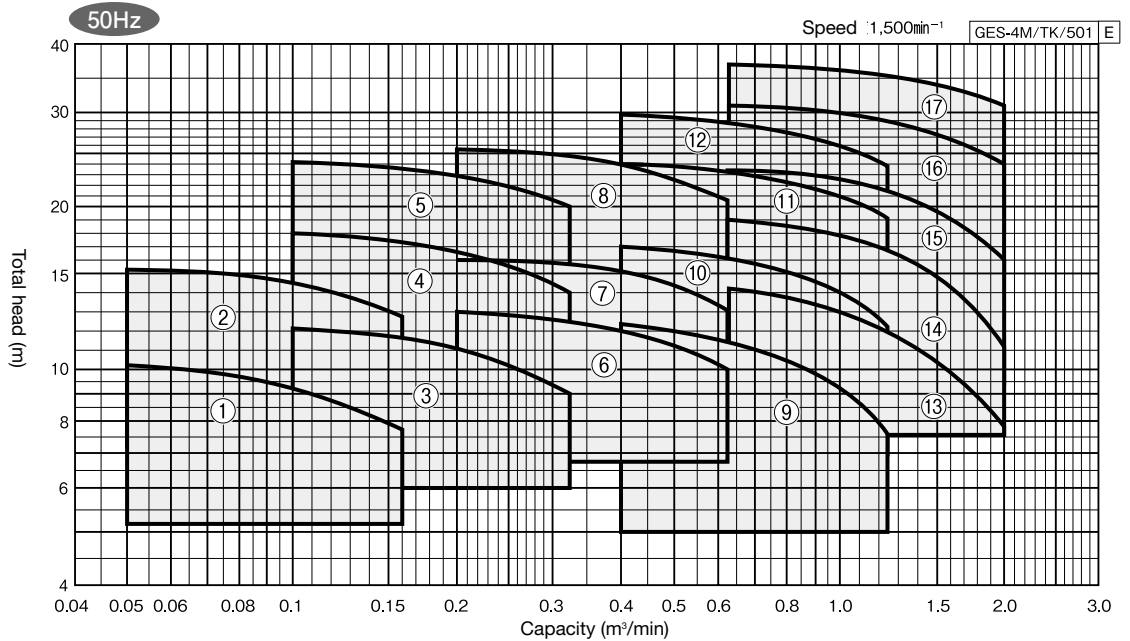
-6 m

Note 1) If the value obtained by subtracting 3 m from the total head is less than the value above, the value obtained by subtracting 3 m from the total head will be the maximum suction total head.

- Inquire sea water and other special liquid applications
- Inquire anti-freezer application

Selection chart

These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.



Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

Specification table

50Hz

GES-4M/SI/501 E

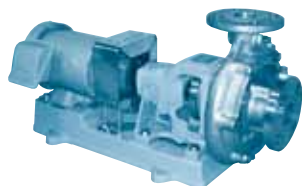
Bore d1×d2 mm	Ref	Model	Motor kW	Performance				Maximum back pressure MPa	Vibration isolator application table	
				Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m			
40 × 32	1	GES-405M-4M0.4	0.4	0.05	10.2	0.16	7.8	0.88	QRE-02A	PX-85Z
	2	GES405M4ME0.75	0.75	0.05	15.2	0.16	12.8	0.83	QRE-04D	
50 × 40	3	GES505M4ME0.75	0.75	0.1	12.2	0.32	9	0.85	QRE-04D	PX-85Z
	4	GES505M4ME1.5	1.5	0.1	18	0.32	14	0.80	QRE-04D	
	5	GES505M4ME2.2	2.2	0.1	24.2	0.32	20	0.74	QRE-04D	
65 × 50	6	GES655M4ME1.5	1.5	0.2	13	0.63	10	0.85	QRE-04D	PX-85Z
	7	GES655M4ME2.2	2.2	0.2	16	0.63	13.2	0.82	QRE-04D	
	8	GES655M4ME3.7	3.7	0.2	25.5	0.63	20.8	0.72	QRE-04D	
80 × 65	9	GES805M4ME2.2	2.2	0.4	12.5	1.25	7.5	0.85	QRE-04D	PX-110Z
	10	GES805M4ME3.7	3.7	0.4	17	1.25	12.2	0.80	QRE-04D	
	11	GES805M4ME5.5	5.5	0.4	24	1.25	19.2	0.74	QRE-05D	PX-120Z
	12	GES805M4ME7.5	7.5	0.4	29.5	1.25	23.5	0.68	QRE-07F	
100 × 80	13	GES1005M4ME3.7	3.7	0.63	14.2	2.0	7.8	0.83	QRE-04D	PX-120Z
	14	GES1005M4ME5.5	5.5	0.63	19	2.0	11.2	0.79	QRE-07F	
	15	GES1005M4ME7.5	7.5	0.63	23.5	2.0	16	0.74	QRE-07F	
	16	GES1005M4ME11	11	0.63	31	2.0	24	0.68	QRE-08F	PX-130Z
	17	GES1005M4ME15	15	0.63	37	2.0	31	0.61	QRE-08F	

60Hz

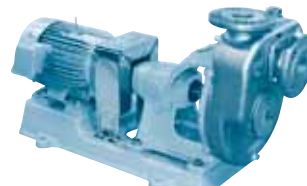
GES-4M/SI/602 E

Bore d1×d2 mm	Ref	Model	Motor kW	Performance				Maximum back pressure MPa	Vibration isolator application table	
				Capacity m ³ /min	Total head m	Capacity m ³ /min	Total head m			
40 × 32	1	GES406M4ME0.75	0.75	0.063	15	0.2	11.5	0.83	QRE-04D	PX-85Z
	2	GES406M4ME1.5	1.5	0.063	22.5	0.2	19	0.75	QRE-04D	
50 × 40	3	GES506M4ME1.5	1.5	0.125	19	0.4	14	0.78	QRE-04D	PX-85Z
	4	GES506M4ME2.2	2.2	0.125	23	0.4	17	0.74	QRE-04D	
	5	GES506M4ME3.7	3.7	0.125	35.5	0.4	28.5	0.62	QRE-04D	
65 × 50	6	GES656M4ME2.2	2.2	0.25	17.2	0.8	12	0.80	QRE-04D	PX-85Z
	7	GES656M4ME3.7	3.7	0.25	23.2	0.8	18.5	0.75	QRE-04D	
	8	GES656M4ME5.5	5.5	0.25	33.5	0.8	26.5	0.65	QRE-04D	
80 × 65	9	GES806M4ME3.7	3.7	0.5	18.2	1.6	9.5	0.79	QRE-04D	PX-110Z
	10	GES806M4ME5.5	5.5	0.5	23.2	1.6	15.2	0.75	QRE-04D	
	11	GES806M4ME7.5	7.5	0.5	28	1.6	20	0.70	QRE-07F	PX-120Z
	12	GES806M4ME11	11	0.5	36.5	1.6	28.5	0.62	QRE-07F	
100 × 80	13	GES1006M4ME3.7	3.7	0.8	12.5	2.3	7	0.85	QRE-04D	PX-110Z
	14	GES1006M4ME5.5	5.5	0.8	16.5	2.5	10	0.81	QRE-04D	
	15	GES1006M4ME7.5	7.5	0.8	22.2	2.5	12.5	0.75	QRE-07F	PX-120Z
	16	GES1006M4ME11	11	0.8	30.5	2.5	18.5	0.68	QRE-08F	
	17	GES1006M4ME15	15	0.8	36	2.5	25	0.62	QRE-08F	PX-130Z
	18	GES1006M4ME18	18.5	0.8	44.5	2.5	32	0.54	QRE-09F	
	19	GES1006M4ME22	22	0.8	49.5	2.5	38	0.50	QRE-09F	

■ Series products (For special kind liquid applications... Consult to us or our distributors in detail)



4 pole stainless steel centrifugal pump



4 pole stainless steel self-priming centrifugal pump

Standard end suction

For circulation
line pump

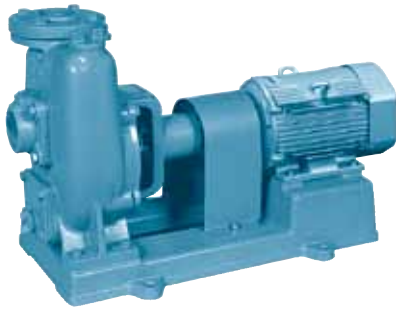
Stainless
Magnet Coupling

Self priming type

Standard accessory

Self priming type (Please inquire the detail)

FS (4) Type Self-priming centrifugal pump Selsuper 4 pole



V belt pulley models are also available

Application



(Please inquire in case drinking water application)

Features

- Self-priming pump construction does not require foot valve and makes priming works easier
- High efficiency and high suction performance
- Easy maintenance and inspection due to back pull out construction
- Sealed ball bearings required no oiling

Standard accessories

Motor, Base, Coupling, Coupling cover, Strainer, Companion flanges

Standard specifications

- Liquid Clean water 0~40°C (there should be no freezing)
- Materials Impeller: Cast iron
Shaft : SUS403 or SUS403 (portion contacting liquid)
Casing : Cast iron
- Shaft sealing Gland packing, Mechanical seal
- Motor TEFC outdoor, ODP (Single phase 0.2, 0.4 kW)

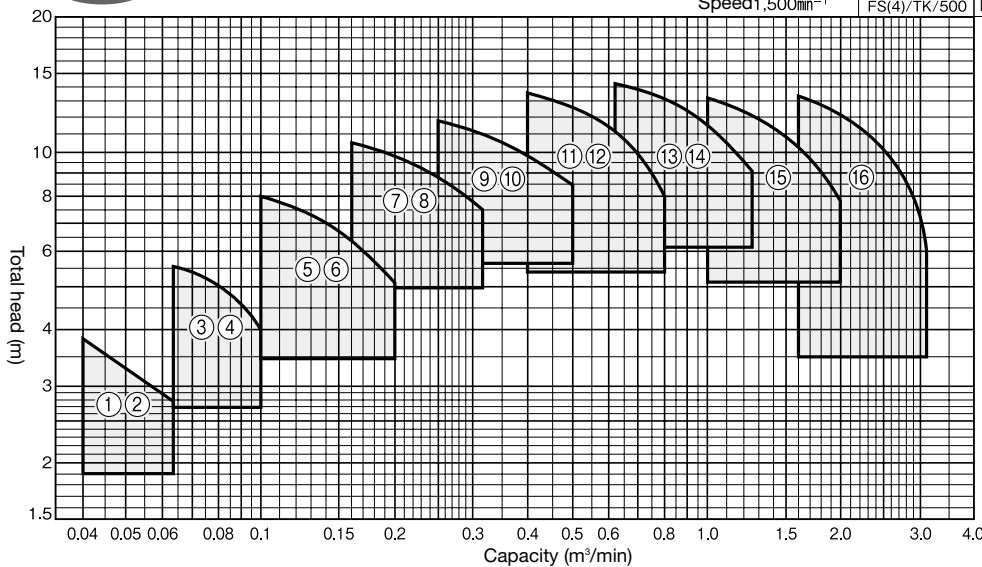
Suction total head (20°C)

Suction bore (mm)	50Hz	60Hz
25	-3m	-3m
32	-3.5m	-5m
40~65	-5.5m	-6m
80~150	-6m	

Selection chart

These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.

50Hz

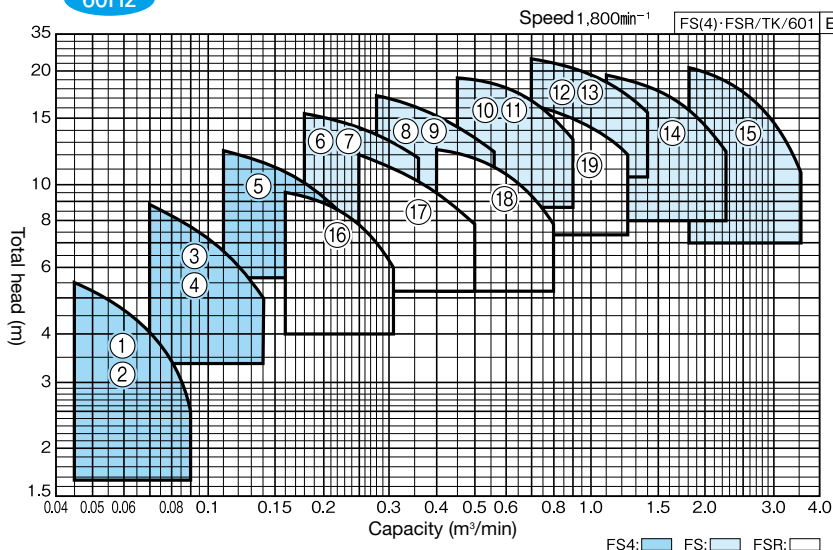


Speed 1,500min⁻¹ FS(4)/TK/500 E (Inquire bore size 200 mm model)

Bore mm	Ref	Model	Motor
			kW
25	1	FS4-25-M0.2S	0.21
	2	FS4-25-MN0.2T	0.21
32	3	FS4-325-M0.2S	0.21
	4	FS4-325-MN0.2T	0.21
40	5	FS4-405-M0.4S	0.4
	6	FS4-405-MN0.4T	0.4
50	7	FS505G4ME0.75	0.75
	8	FS505M4ME0.75*	0.75
65	9	FS655G4ME1.5	1.5
	10	FS655M4ME1.5*	1.5
80	11	FS805G4ME2.2	2.2
	12	FS805M4ME2.2*	2.2
100	13	FS1005G4ME3.7	3.7
	14	FS1005M4ME3.7*	3.7
125	15	FS1255G4ME5.5	5.5
	16	FS1505G4ME7.5	7.5

(*) Mechanical seal type

60Hz



Speed 1,800min⁻¹ FS(4)-FSR/TK/601 E

(Inquire bore size 200 mm model)

Bore mm	Ref	Model	Motor
			kW
25	1	FS4-25-M0.2S	0.21
	2	FS4-25-MN0.2T	0.21
32	3	FS4-326-M0.4S	0.4
	4	FS4-326-MN0.4T	0.4
40	5	FS4-406-4ME0.75	0.75
	6	FS506G4ME1.5	1.5
50	7	FS506M4ME1.5*	1.5
	8	FS656G4ME2.2	2.2
65	9	FS656M4ME2.2*	2.2
	10	FS806G4ME3.7	3.7
80	11	FS806M4ME3.7*	3.7
	12	FS1006G4ME5.5	5.5
100	13	FS1006M4ME5.5*	5.5
	14	FS1256G4ME7.5	7.5
150	15	FS1506G4ME11	11
	16	FSR506ME0.75	0.75
65	17	FSR656ME1.5	1.5
	80	18	FSR806ME2.2
100	19	FSR1006ME3.7	3.7

• FSR type must drive in a counterclockwise direction

(*) Mechanical seal type

Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

GSO₃-C Type Self-priming centrifugal pump 2 pole



Photo show GSO-50-C model

Application



(Please inquire in case drinking water application)

Features

- Superior suction performance (max -9m is available PAT. pending)
- Strong and durable construction against sand by adopting special kind mechanical seal
- Excellent performance make it possible to pump up much water even from draw down well
- Back pull out construction
- Semi open impeller enable stuck free pumping works
- Long life and strong against dust and humidity because TEFC motor is standardly adopted

Standard specifications

- Liquid Clean water 0~40°C (there should be no freezing)
- Materials Impeller: Bronze or SCS13
Bore size 50mm model: Resin (Impeller hub: Bronze)
Shaft : SUS304 (portion contacting liquid)
Casing : Cast iron
- Shaft sealing Mechanical seal (SiC x Carbon)
- Motor TEFC outdoor

Standard accessories

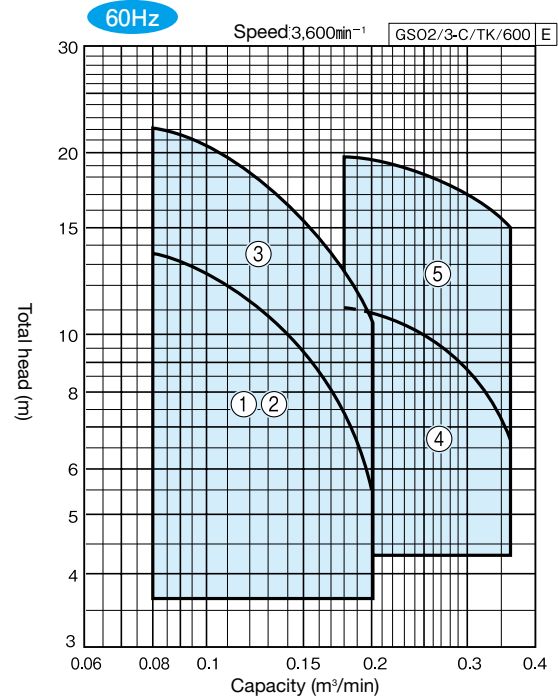
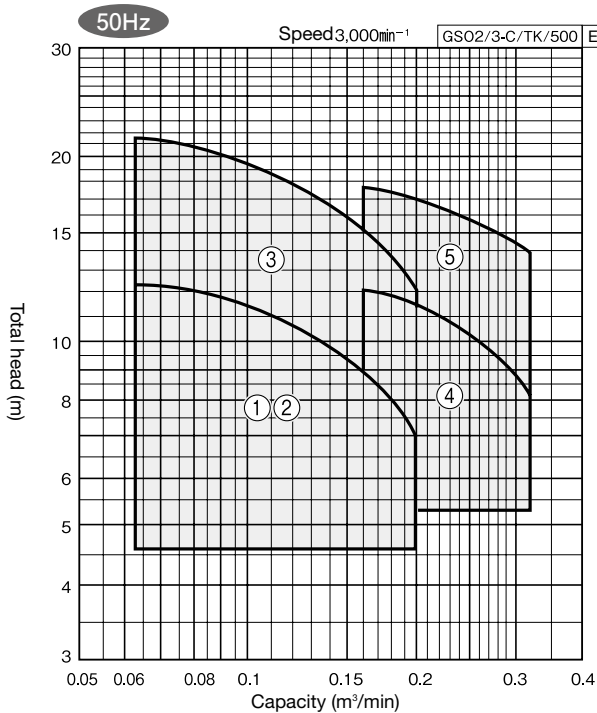
Base, Companion flanges, Motor protection switch, Power cable, (Single phase models only)

Suction total head (20°C)

Output (kW)	Suction total head
0.4	-8.5m (Maximum -9m)
0.75, 1.5	-8m (Maximum -9m, Bore size 50mm model : Maximum -8.4m)

Note) Discharge performance may drop when pump operate under negative suction at maximum suction total head.

Selection chart



Bore mm	Ref	Model	Motor
			kW
40	1	GSO3-405-C0.4S	0.4
	2	GSO3-405-C0.4T	0.4
	3	GSO2-405CE0.75	0.75
50	4	GSO2-505CE0.75	0.75
	5	GSO2-505CE1.5	1.5

Bore mm	Ref	Model	Motor
			kW
40	1	GSO3-406-C0.4S	0.4
	2	GSO3-406-C0.4T	0.4
	3	GSO2-406CE0.75	0.75
50	4	GSO2-506CE0.75	0.75
	5	GSO2-506CE1.5	1.5

Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory

== Standard accessory (Foundation bolt set, pressure gauge, compound gauge, reducer are also available Inquire) ==

Sluice valve/Check valve

Sluice valve (Inner screw type)



- Valve set including sluice valve, check valve, packing, bolts, nuts, and attaching adapters is also available

Bore: 40~200mm
Nylon coating model
Bore 40~150mm is also available

Swing check valve (with by pass)



Bore: 40~200mm

Shockless valve (impact relief check valve)



- Less friction loss protect pump and piping from water hammer

Nylon coating model is also available

Foot valve/Suction unit

VF-VF2 foot valve with lever

- (With 3m stainless steel wire)
- VF2: Rust free resin material



VF2
32~80mm



VF
40~80mm

VFF: Flange type
100~250mm is also available

Stainless steel foot valve

- Using SCS13 for main parts, hard and long life



VFST (2)
40~100mm

VFSF: Flange type
50~250mm is also available

Suction unit

- Useful for maintenance and inspection of foot valve and suction pipe
- Lever of foot valve is easy able to move from the ground
- Foot valve and suction pipe is able to lift up from the ground (not necessary to enter in the water tank)



Bore: 40~250mm
SSF-S: Stainless steel type is also available

Vibration isolator

Application

- Prevent pump from vibration and resonance

Features

- Various types of vibration proof beds are available, enabling you to select one to meet your needs in view of the surrounding environment.
- Installation is easy because not necessary particular foundation and installation work at the site
- Can treat working load after pump operation, management for maintenance and control can be saved



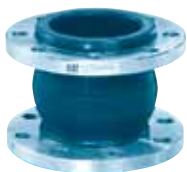
QRE



PX

Vibration proof joint · Pipe silencer

Vibration proof joint (rubber ball type)



Bore: 25~200mm

- Can not be used for hot water supply and water circulation for pool water

Pipe silencer



Bore: 32~200mm

- Absorb pressure pulse and vibration from pump
- Can directly connect with pump same as vibration proof joint
- Nylon coating flange type for preventing red discolorment water is also available
- Can be used at both suction and discharge side
- Can not be used for hot water supply and water circulation for pool water

Heater for pump

Application

- Prevent pump from broken by freezing

Features

- Accurate working by adopting special thermostat
- Be able to check heater wire is cut together with working of control panel

Heater of pump (with 3m code)

Thermostat is included as standard for Heater



Heater control panel (indoor installation)

Combination use with Heater (Thermostat built in)

Model	Rated capacity (W)	Rated voltage (V)	Display	Alarm terminal
ECH3-0.4T	50~440	AC200	Power source, Power on, Wire cut	No voltage
ECH4-0.4		AC100/200	—	—

Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory



Important Safty Precautions

Always read this manual thoroughly and fully comprehend the contents before starting use.

- Matters falling under the following may not be covered by the warranty: uses which go beyond the specified scope of application, failure to comply with precautions, improper repairs and alterations, matters arising from natural disasters, matters arising from the installation environment (power source, foreign objects, sand etc.), non-compliance with laws and regulations or standards pertaining thereto, persons who suffer accidental or intentional damage or injury, replacement of consumable parts, defects due to resale, etc.
- Close attention is needed when rusting and corrosion/elution of metals are not permissible owing to the application or liquid. Take into account both the pump and the rest of the equipment when considering and selecting.
- Apply repair coating at an institute which supports your operating environment. Depending on the operating environment, rust may form on screw parts, processed parts with anti-rust coating, anti-rust coated parts etc. due to high humidity, condensation, getting wet etc., which may lead to unexpected damage.
- Close attention is needed in the case of circulation uses where rusting and corrosion/elution of metals are not permissible. Take into account both the pump and the rest of the equipment when considering and selecting. Unexpected damage may arise from condensation of circulating water.
- Select a product which is appropriate for your application. Inappropriate use of products may cause accidents.
- Always use this pump within the specified product specifications. Failure to do so could result in electric shock, fire, water leakage, etc.
- When using this pump for living things (fishery, fish tank, aquarium, etc.) or important equipment, always prepare a spare unit. If the pump fails, an oxygen deficiency or degradation of water quality, etc., could occur and affect the creature's life.
- If used to transport food-related items, give due consideration to the materials used. Contamination by foreign objects may occur.
- Avoid using this product with living things that are susceptible to copper alloys. The life of the creature could be affected.
- Do not connect the pump directly to water main pipes. Depending on the country It may be prohibited under the Water Supply Act. Also, water backflow may contaminate tap water.
- Carry out installation in accordance with applicable legal requirements (electrical equipment guideline, interior wiring regulations, building codes, etc.) Failure to observe this may not only violate legal requirements, but could also result in fire or electric shock, or injury caused by falls or topples.
- Observe the service life of the pump, install it in a well ventilated place free from corrosive or explosive gases, salt, moisture, water vapor, condensation etc., and avoid exposing it to wind, rain and direct sunlight. In a harsh environment, electric leakage, electric shock or fire may result from deterioration of insulation in the motor or control panel, etc.
- Do not install in places with no drainage or places which have not been waterproofed. Water leaks may cause serious damage. * We bear no responsibility for any damage arising from lack of drainage or waterproofing.
- Depending on the equipment, attach a filter etc. appropriate for your application on the discharge side before use, perform thorough flushing and check that there is no contamination. Cutting oil, rubber mold releasing agent, foreign objects etc. from the manufacturing line and cutting oil, foreign objects etc. from the pipeline may contaminate the liquid which is to be handled.
- Do not operate pumps with a specification of 50 Hz at 60 Hz. Damage may arise as a result of excess pressure or burnout of the motor etc. due to overload. Do not operate pumps with a specification of 60Hz at 50Hz. Pump performance may be reduced.
- Do not put the flammable items on the pump surroundings or inside the pump cover or control panel, or cover the pump, cable or control panel with the flammable items. Failure to observe this could overheat and result in burning.
- The Pump should never be disassembled, repaired, or modified, or the power cable should never be replaced by anyone other than a qualified repair technician. Improper repairs could result in electric shocks, fires, faults or break
- It is recommended that both periodic and daily inspections be performed in order to ensure that the pump will operate reliably for as long as possible. Failure to perform inspections may lead to pump failure, accidents etc. For periodic inspections, please consult your distributor or our nearest sales offices .

Specifications/configurations may be altered as a result of improvements. Unauthorized reproduction of this document is prohibited.

Distributor

Kawamoto Pump MFG. CO., LTD.

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Name	Centrifugal pump series
No.	5321 Y (E)