

# GF-4M Type Centrifugal pump

4 pole



### Maximum suction total head

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

### 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

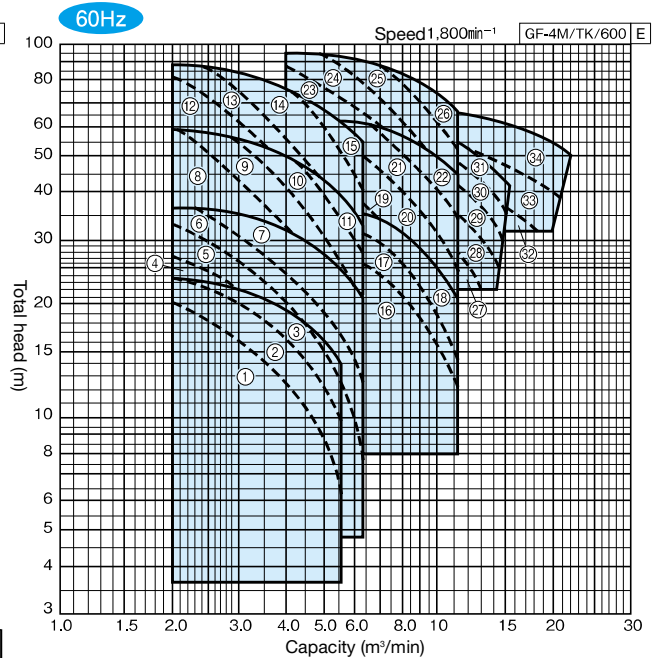
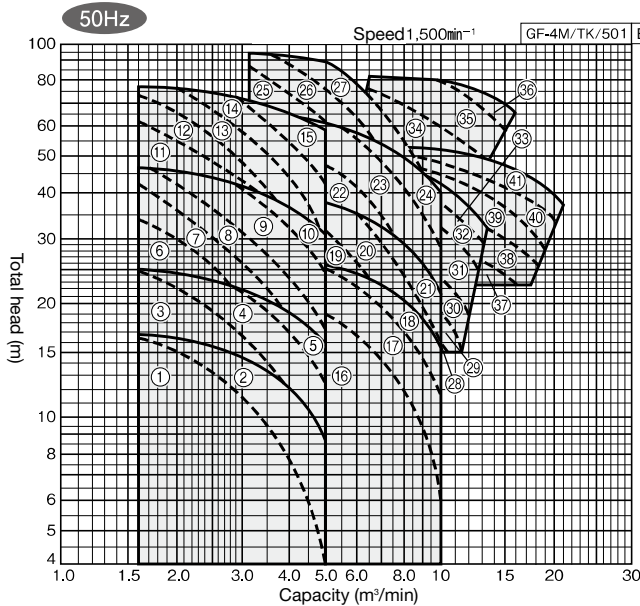
### Maximum back pressure

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

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

### Selection chart

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	
		kW				kW	
1	GFK1505G4ME7.5	7.5		22	GFO2005G4ME55	55	
2	GFK1505G4ME11	11		23	GFO2005G4ME75	75	
3	GFL1505G4ME11	11		24	GFO2005G4ME90	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	GFO2505G4ME37	37	
8	GFM1505G4ME22	22		29	GFO2505G4ME45	45	
9	GFM1505G4ME30	30		30	GFO2505G4ME55	55	
10	GFM1505G4ME37	37		31	GFO2505G4ME75	75	
11	GFO1505G4ME30	30		32	GFO2505G4ME90	90	
12	GFO1505G4ME37	37		33	GFO2505G4ME110	110	
13	GFO1505G4ME45	45		34	GFQ2505G4ME160	160	
14	GFO1505G4ME55	55		35	GFQ2505G4ME200	200	
15	GFO1505G4ME75	75		36	GFQ2505G4ME250	250	
16	GFL2005G4ME22	22		37	GFO3005G4ME90	90	
17	GFL2005G4ME30	30		38	GFO3005G4ME110	110	
18	GFL2005G4ME37	37		39	GFO3005G4ME132	132	
19	GFM2005G4ME37	37		40	GFO3005G4ME160	160	
20	GFM2005G4ME45	45		41	GFO3005G4ME200	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	GFO2006G4ME90	90	
7	GFL1506G4ME30	30		24	GFO2006G4ME110	110	
8	GFM1506G4ME30	30		25	GFO2006G4ME132	132	
9	GFM1506G4ME37	37		26	GFO2006G4ME160	160	
10	GFM1506G4ME45	45		27	GFO2506G4ME75	75	
11	GFM1506G4ME55	55		28	GFO2506G4ME90	90	
12	GFO1506G4ME45	45		29	GFO2506G4ME110	110	
13	GFO1506G4ME55	55		30	GFO2506G4ME132	132	
14	GFO1506G4ME75	75		31	GFO2506G4ME160	160	
15	GFO1506G4ME90	90		32	GFO3006G4ME160	160	
16	GFL2006G4ME37	37		33	GFO3006G4ME200	200	
17	GFL2006G4ME45	45		34	GFO3006G4ME250	250	

Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory