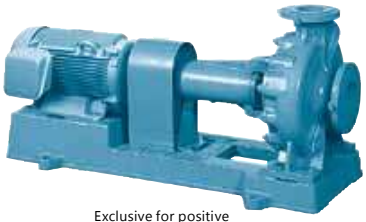
GD·GDF Type High back pressure Centrifugal pump 2 pole 4 pole



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)

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 : SUS420J2
  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)

Maximum suction total head

Exclusive for positive suction application

Maximum back pressure

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

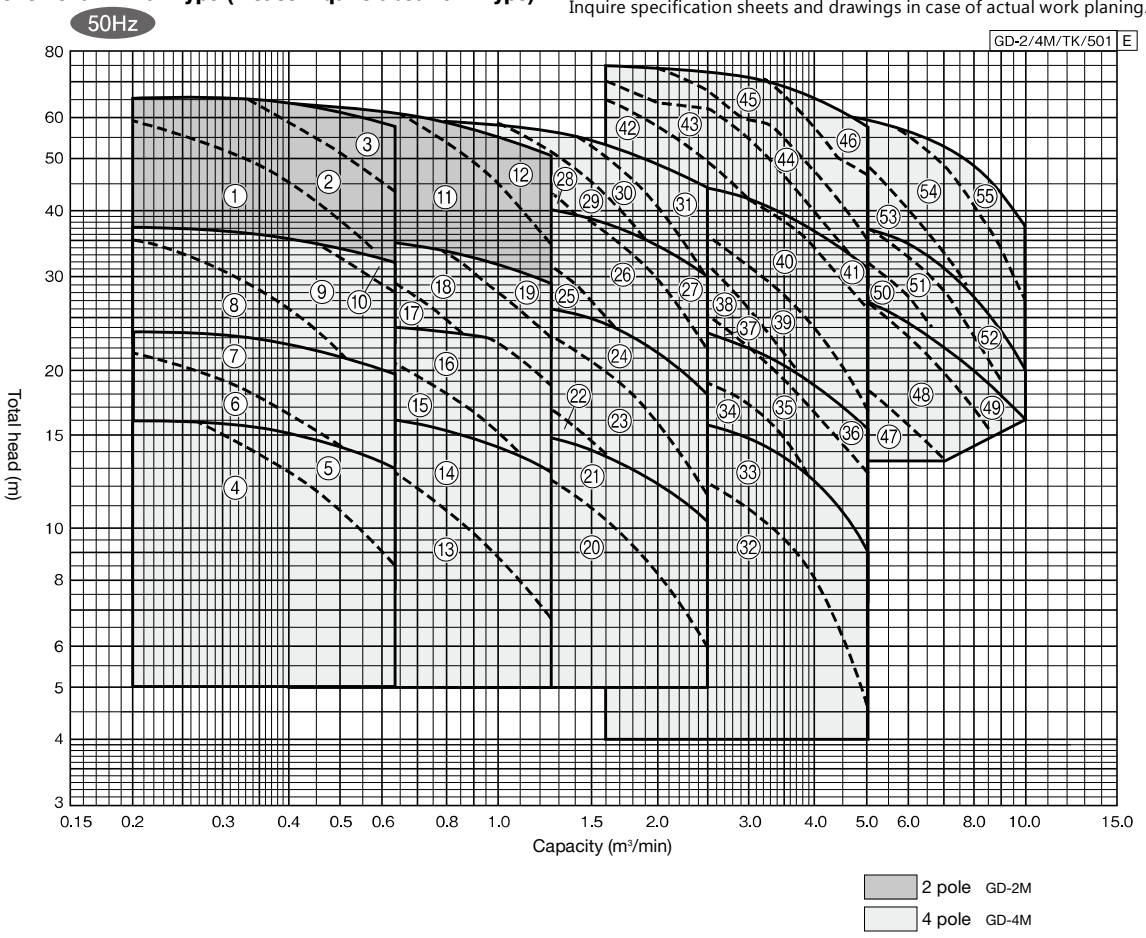
GD type	(1.4−Zero-discharge head of pump) MPa
GDF type	More than 0.5 MPa below 2.0 MPa (More than 0.5 MPa below 1.6 MPa bore size 200 mm models) Maximum pumping pressure 2.5MPa

Standard accessories

Motor, Base, Coupling, Coupling cover

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 kW	Motor Pole	Ref	Model	Motor kW	Motor Pole	Ref	Model	Motor kW	Motor Pole	Ref	Model	Motor kW	Motor 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				

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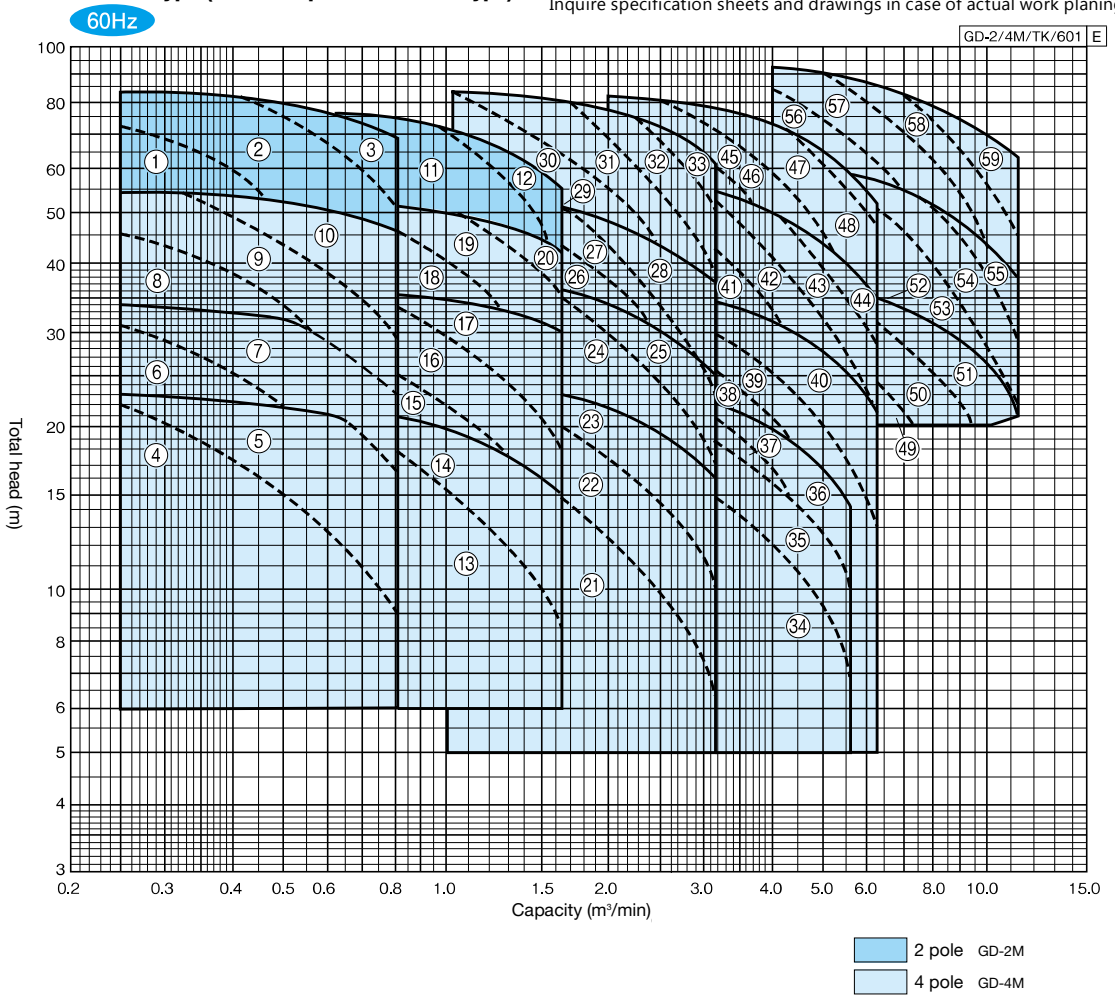

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2	GDK656M2ME11	11	2	17	GDL1006M4ME11	11	4	32	GDO1256M4ME45	45	4	47	GDO1506M4ME75	75	4
3	GDK656M2ME15	15	2	18	GDM1006M4ME11	11	4	33	GDO1256M4ME55	55	4	48	GDO1506M4ME90	90	4
4	GDK806M4ME2.2	2.2	4	19	GDM1006M4ME15	15	4	34	GDK1506M4ME11	11	4	49	GDL2006M4ME37	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				