



GM Series

Japan Engineering Standard



C **UL** US



C **SP** US

CE



RoHS SAA



ความเชื่อมั่นระดับสากล

GM Series

Application

- Water treatment processes.
- Industrial cleaner.
- Water boosting on process, Heating and cooling for industrial process.
- Air-conditioning system, Air freshening, heater device (soft water).
- Fertilization/metering system.
- Water supply and boosting (drinking water, light chlorine water).



Working conditions

- Thin, clean, non-flammable and non-explosive liquid containing no solid granules and fibers.
- When the density or viscosity of to -be conveyed liquid is larger than that of water, it is necessary to select a driving motor of high power.
- Medium temperature:
standard model: -20°C~+70°C;
high temperature: -20°C~+104°C;
- Environmental temperature: $\leq +50^{\circ}\text{C}$
- Max. working pressure: 1.0MPa

★ The outlet and inlet section of GM series pump is made of precision cast stainless steel antirust, more durable.

Motor

- 2-pole induction motor;
- Single-phase: 1x220~240V/50Hz;
- Three-phase: 3x380~415V/50Hz;
- Motors of other voltages are available upon request.

Thermal Protector

Single Phase

Insulation

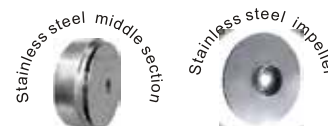
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Protection

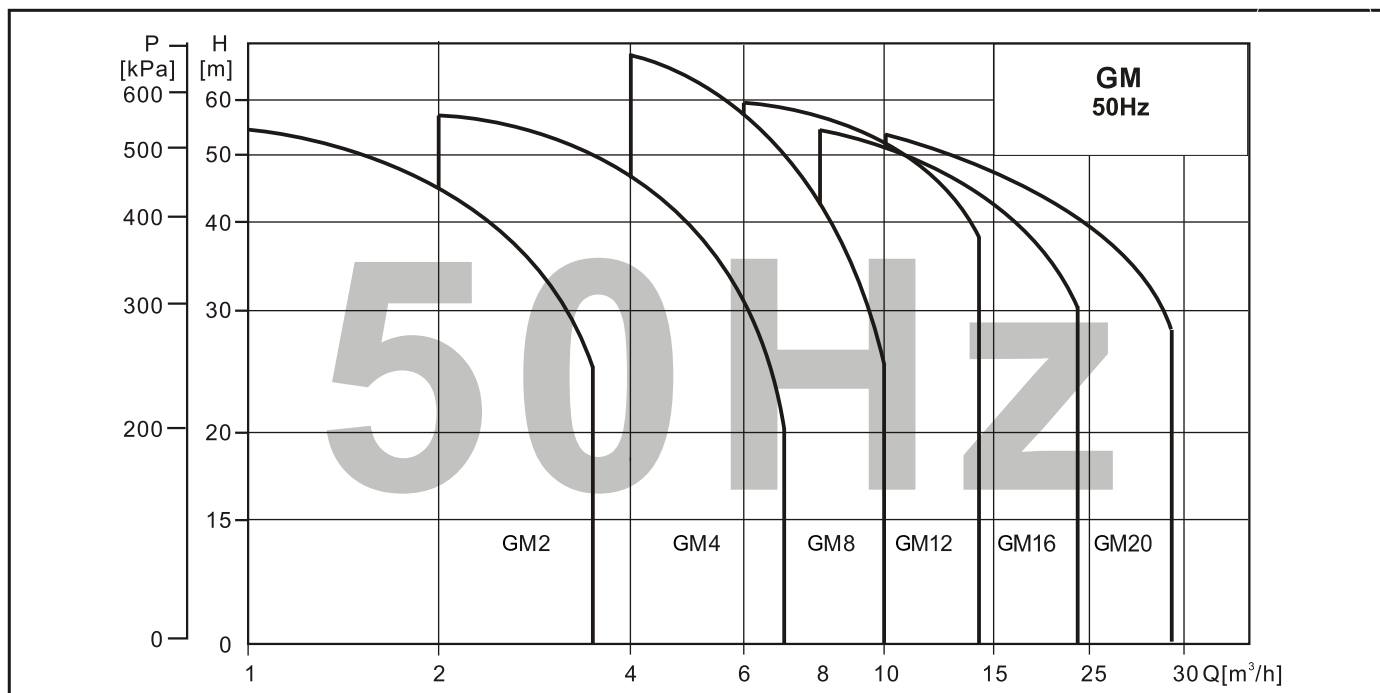
IP55



High efficiency / Energy saving / Sturdy / Durable

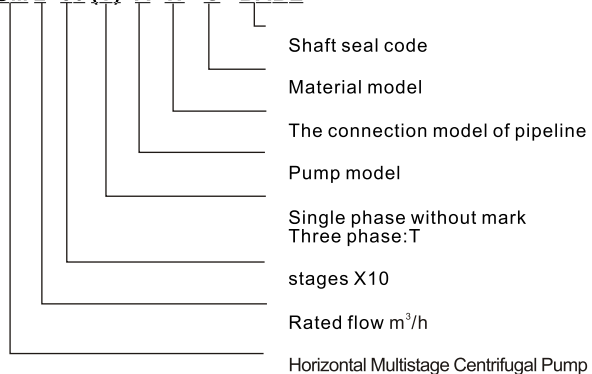


Performance range

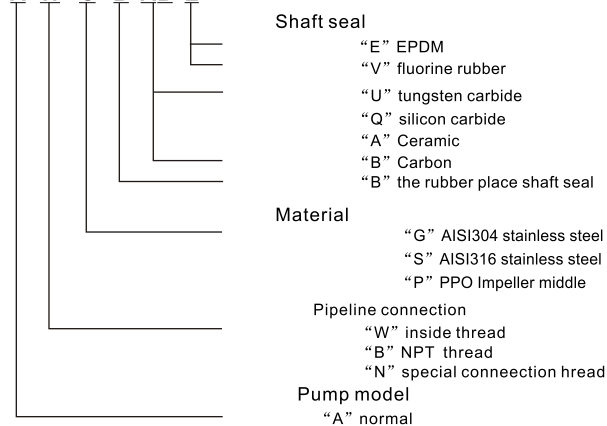


Model Explanation

GM 2 -50 (T) -A -W - G - BABE



A -W - G B AB E

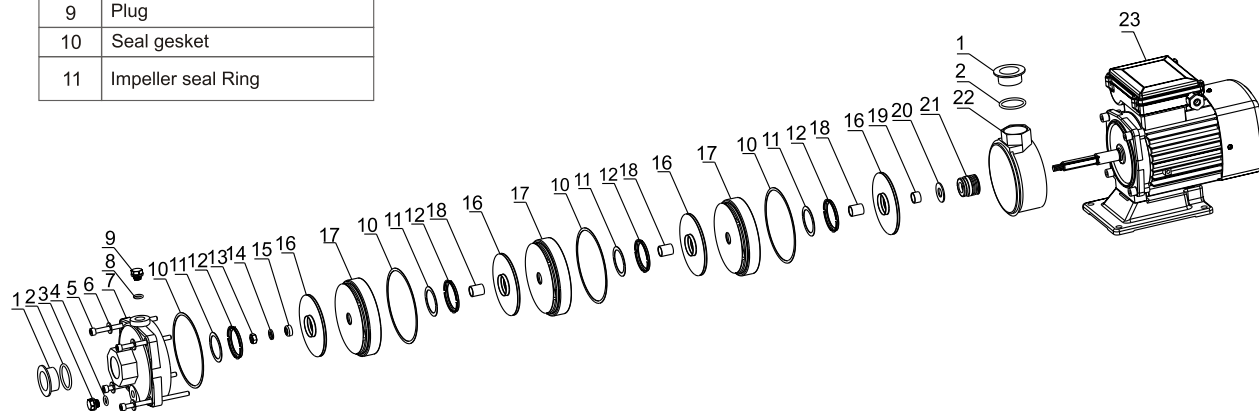


Explosion Diagram

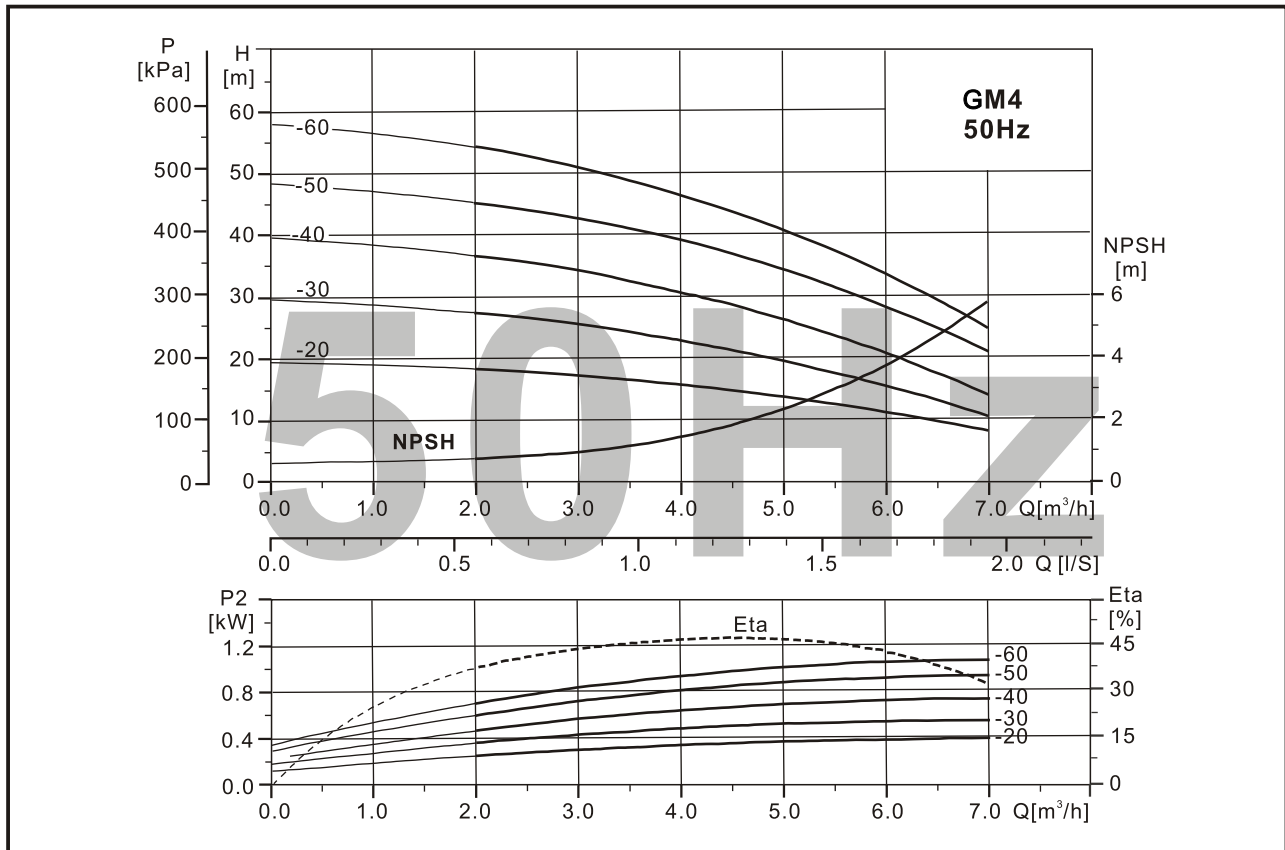
NO.	Name
1	Dust cap
2	O-Ring
3	Plug
4	O-Ring
5	Inside hexagonal bolt
6	Spring washer
7	Inlet Section
8	O-Ring
9	Plug
10	Seal gasket
11	Impeller seal Ring

NO.	Name
12	Mouth piece outer ring
13	Locked Nut
14	Spring washer
15	Impeller Fix Ring
16	Impeller
17	Middle section
18	Long sleeve

NO.	Name
19	Short sleeve
20	Axes Washer
21	Mechanical Seal
22	Outlet section
23	Motor



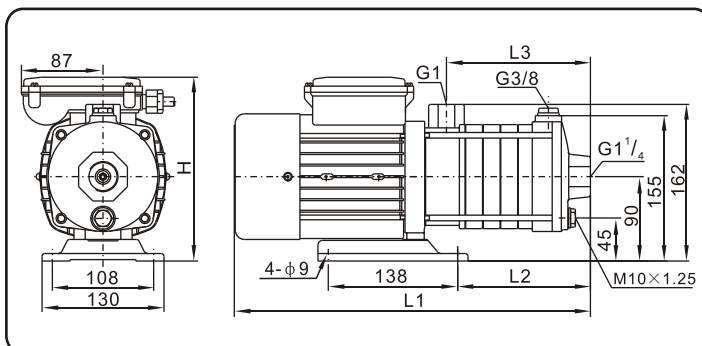
Performance curve



Performance table

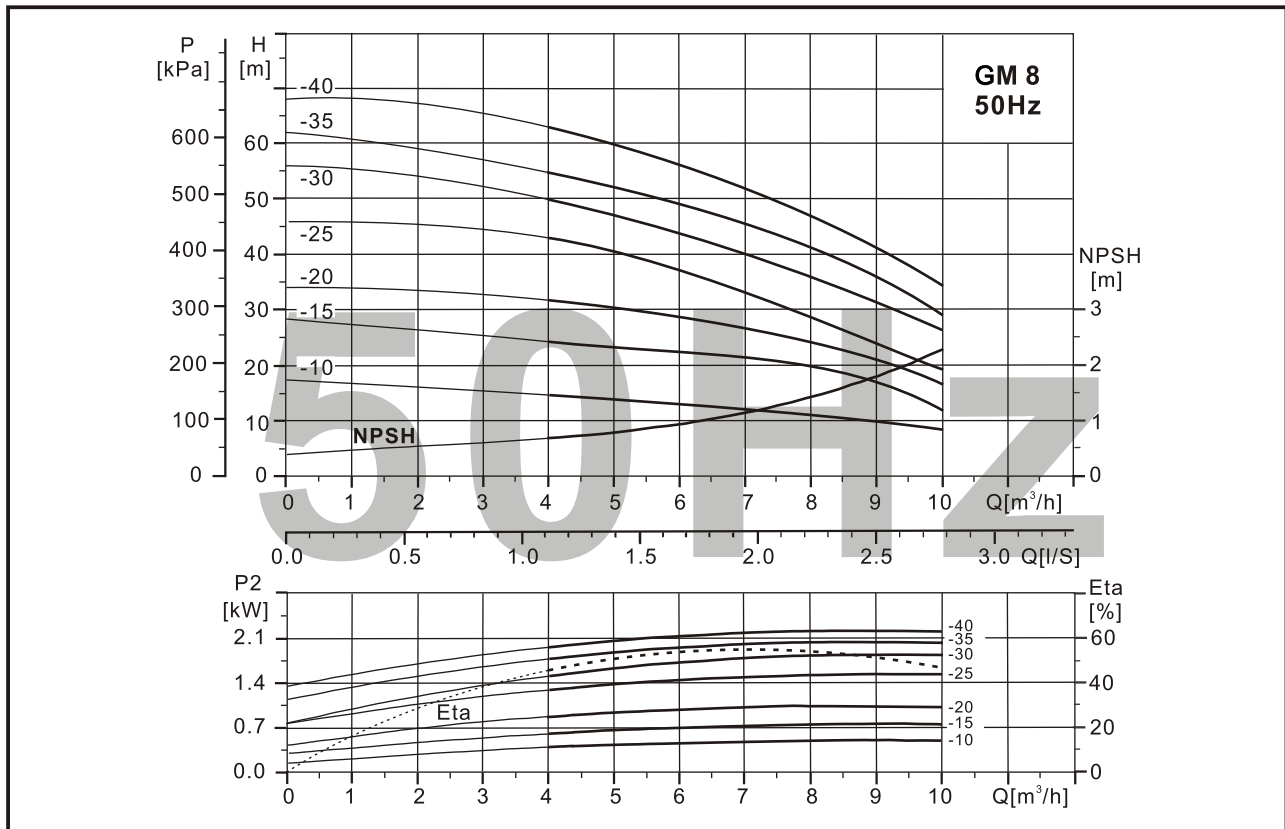
Model	Driving motor P ₂ (kW)	Q (m³/h)	2.0	3.0	4.0	5.0	6.0	7.0
GM4-20(T)	0.55	H (m)	18	16	15	13	10	7
GM4-30(T)	0.75		27	25	22	19	15	10
GM4-40(T)	0.75		36	33	30	26	20	13
GM4-50(T)	1.0		44	41	38	32	26	20
GM4-60(T)	1.1		53	50	45	40	33	24

Installation sketch



Model	Dimensions(mm)								Weight (kg)
	Single Phase				Three Phase				
	L1	L2	L3	H	L1	L2	L3	H	
GM4-20(T)	335	99	109	198	335	99	109	194	9
GM4-30(T)	362	126	136	198	362	126	136	194	10
GM4-40(T)	389	153	163	198	389	153	163	194	10.5
GM4-50(T)	416	180	190	198	415	180	190	194	11
GM4-60(T)	443	207	217	198	443	207	217	194	12

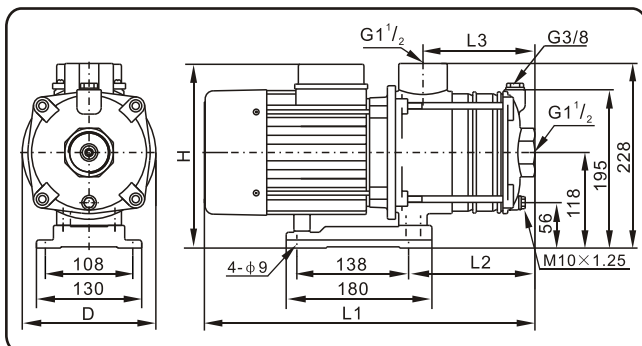
Performance curve



Performance table

Model	Driving motor P ₂ (kW)	Q (m³/h)	4.0	5.0	6.0	7.0	8.0	9.0	10
GM8-10(T)	0.55	H (m)	15	14	13	12.5	12	9	8
GM8-15(T)	0.75		25	23	22	21	20	14	12
GM8-20(T)	1.0		32	29	27	25	24	21	17
GM8-25(T)	1.5		43	40	38	34	27	25	20
GM8-30(T)	1.85		50	46	44	40	36	30	26
GM8-35(T)	2.2		56	51	48	44	43	35	28
GM8-40(T)	2.2		65	57.5	57	50	48	42	34

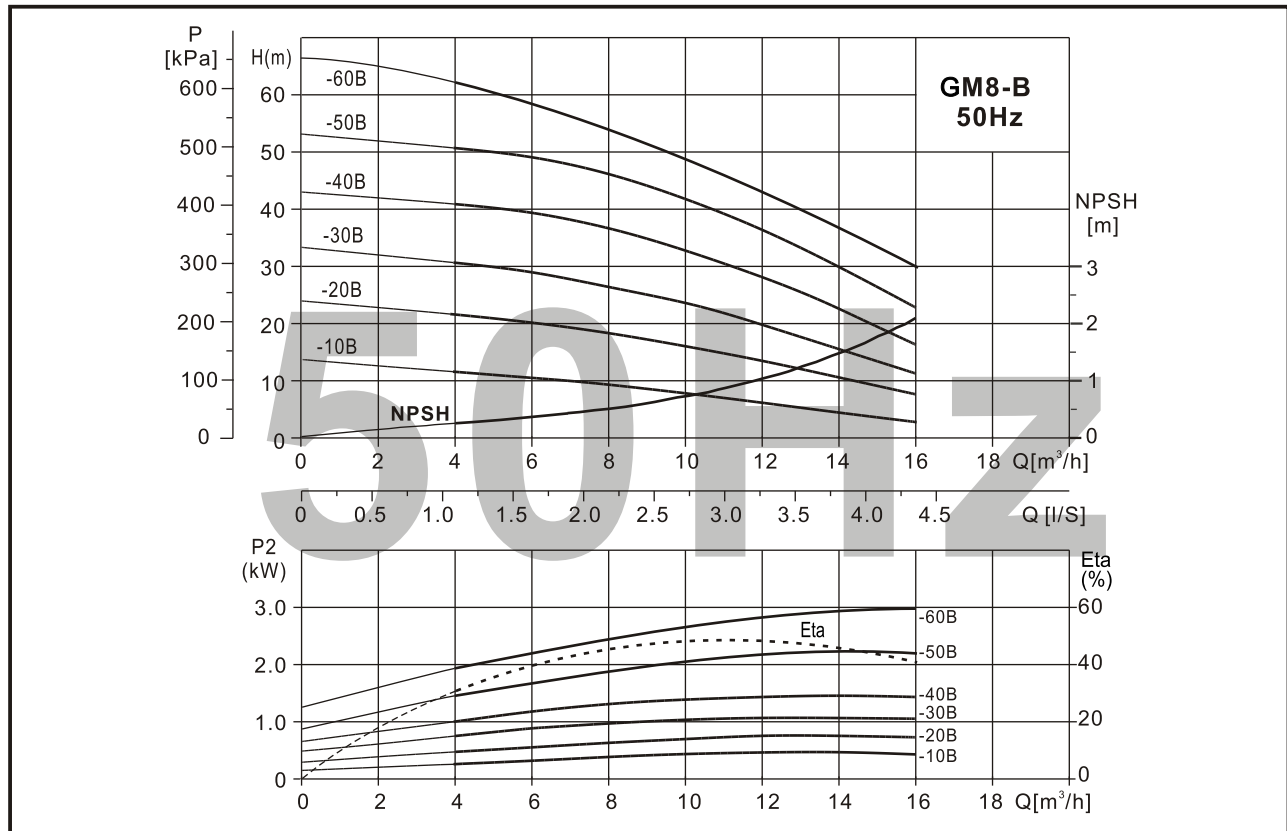
Installation sketch



pump cover with G2 inlet/outlet is available

Model	Dimensions(mm)										Weight (kg)
	Single Phase					Three Phase					
	L1	L2	L3	H	D	L1	L2	L3	H	D	
GM8-10(T)	316	90	78	244	165	316	90	78	222	165	12
GM8-15(T)	346	120	108	244	165	346	120	108	222	165	14
GM8-20(T)	346	120	108	244	165	346	120	108	222	165	17
GM8-25(T)	412	150	138	254	165	412	150	138	232	165	19
GM8-30(T)	455	150	138	239	170	412	150	138	232	165	24
GM8-35(T)	485	180	168	239	170	442	180	168	232	165	25
GM8-40(T)	485	180	168	239	170	442	180	168	232	165	26

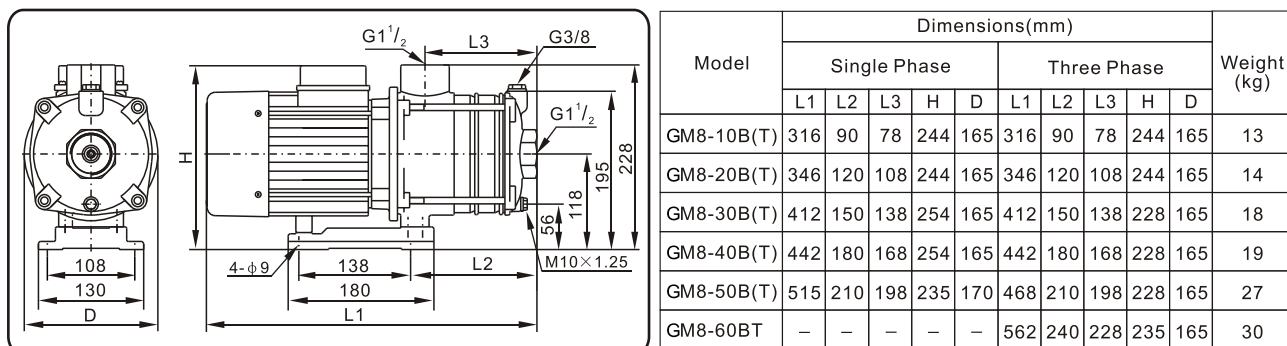
Performance curve



Performance table

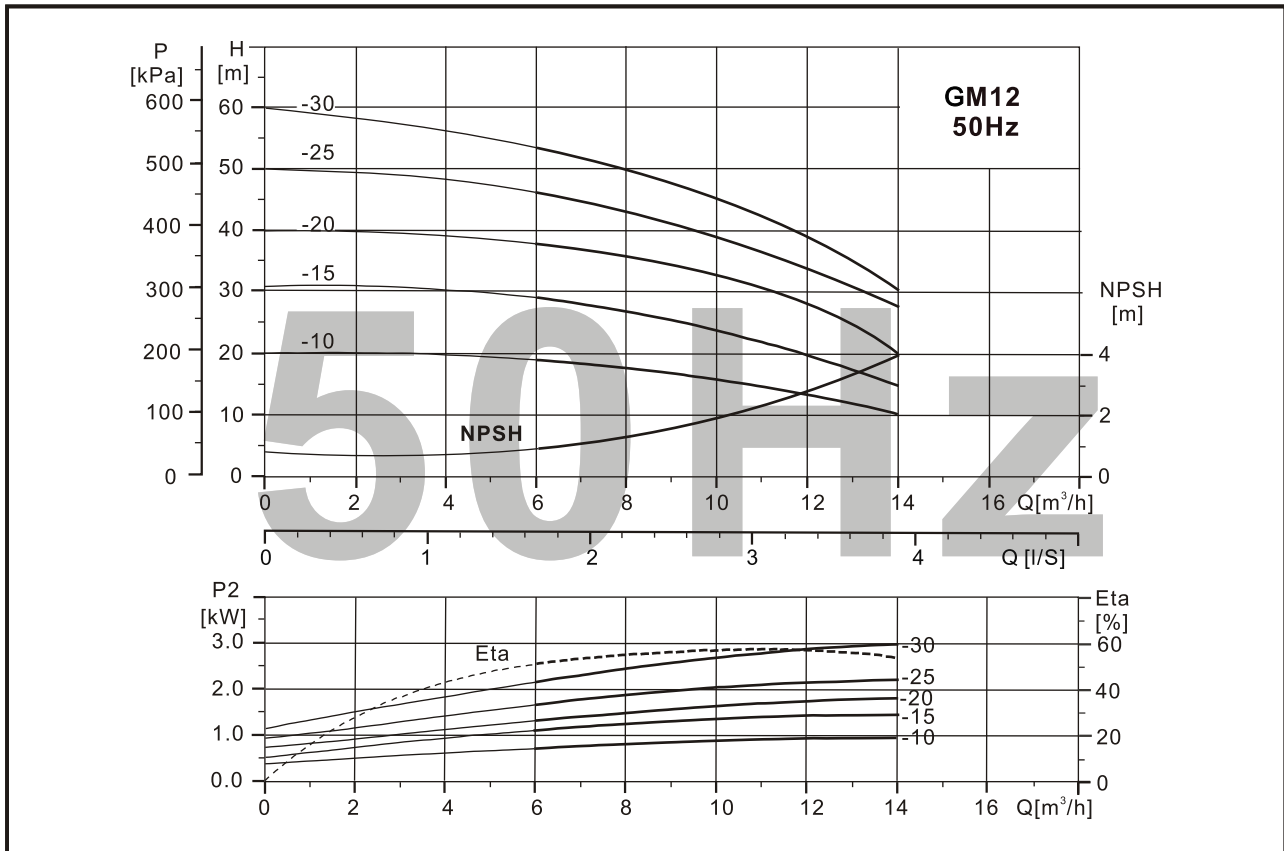
Model	Driving motor P ₂ (kW)	Q (m³/h)	4.0	6.0	8.0	10	12	14	16
GM8-10B(T)	0.55	H (m)	11	10	9	8	7	6	5
GM8-20B(T)	0.75		22	20	19	18	13	11	8
GM8-30B(T)	1.1		31	29	26	24	20	16	11
GM8-40B(T)	1.5		41	39	37	33	28	23	17
GM8-50B(T)	2.2		51	49	46.5	42	37	30	23
GM8-60BT	3.0		62	58	52	48	42	36	30

Installation sketch



Pump cover with G2 inlet/outlet is available

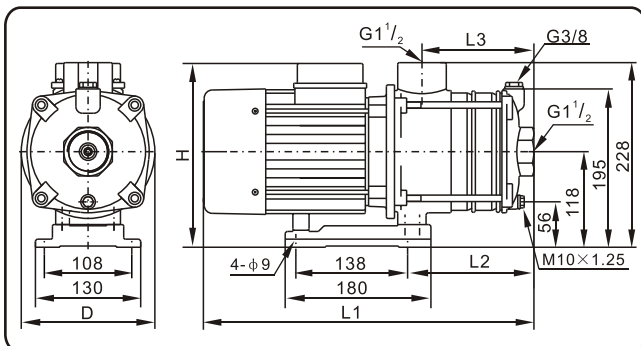
Performance curve



Performance table

Model	Driving motor P ₂ (kW)	Q (m³/h)	6.0	7.0	8.0	9.0	10	11	12	13	14
GM12-10(T)	1.0	H (m)	19	18	17.5	16	15.5	14	13.5	12	10.5
GM12-15(T)	1.5		28	27	26	25	24	22	20	18	15
GM12-20(T)	1.85		38	36	35	32	31	29	28	24	20
GM12-25(T)	2.2		47	45	43	41.5	39	36	33.5	30.5	27
GM12-30T	3.0		53.5	52	50	47.5	45	42	39	35	30

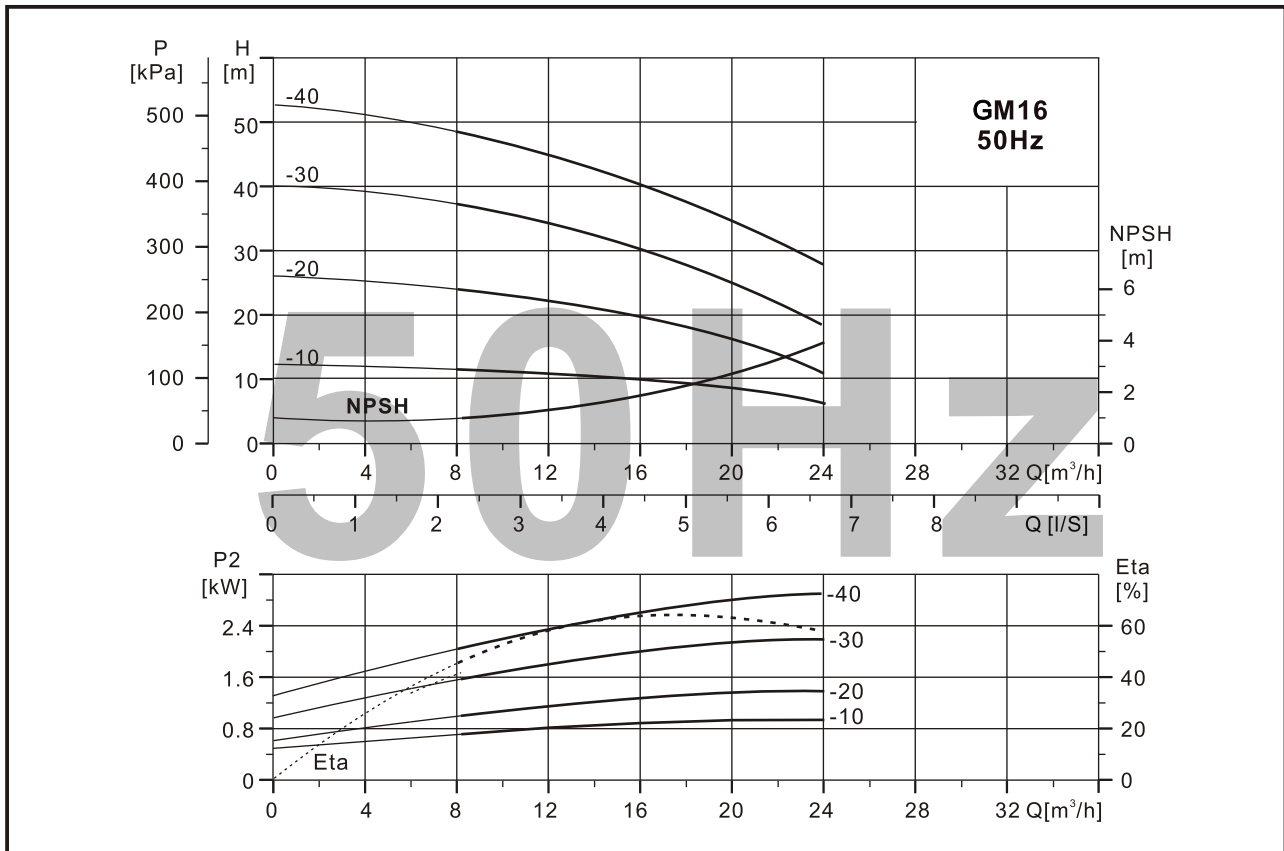
Installation sketch



Model	Dimensions(mm)										Weight (kg)
	Single Phase					Three Phase					
	L1	L2	L3	H	D	L1	L2	L3	H	D	
GM12-10(T)	316	90	78	244	165	316	90	78	222	165	13
GM12-15(T)	382	120	108	254	165	382	120	108	232	165	15
GM12-20(T)	423	120	108	239	170	382	120	108	232	165	23
GM12-25(T)	454	150	138	239	170	412	150	138	232	165	25
GM12-30T	—	—	—	—	—	472	150	138	239	170	27

pump cover with G2 inlet/outlet is available

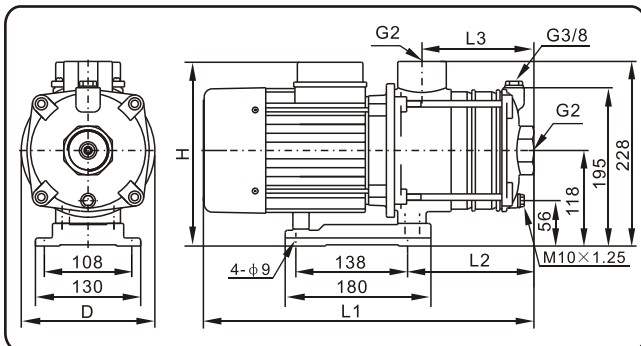
Performance curve



Performance table

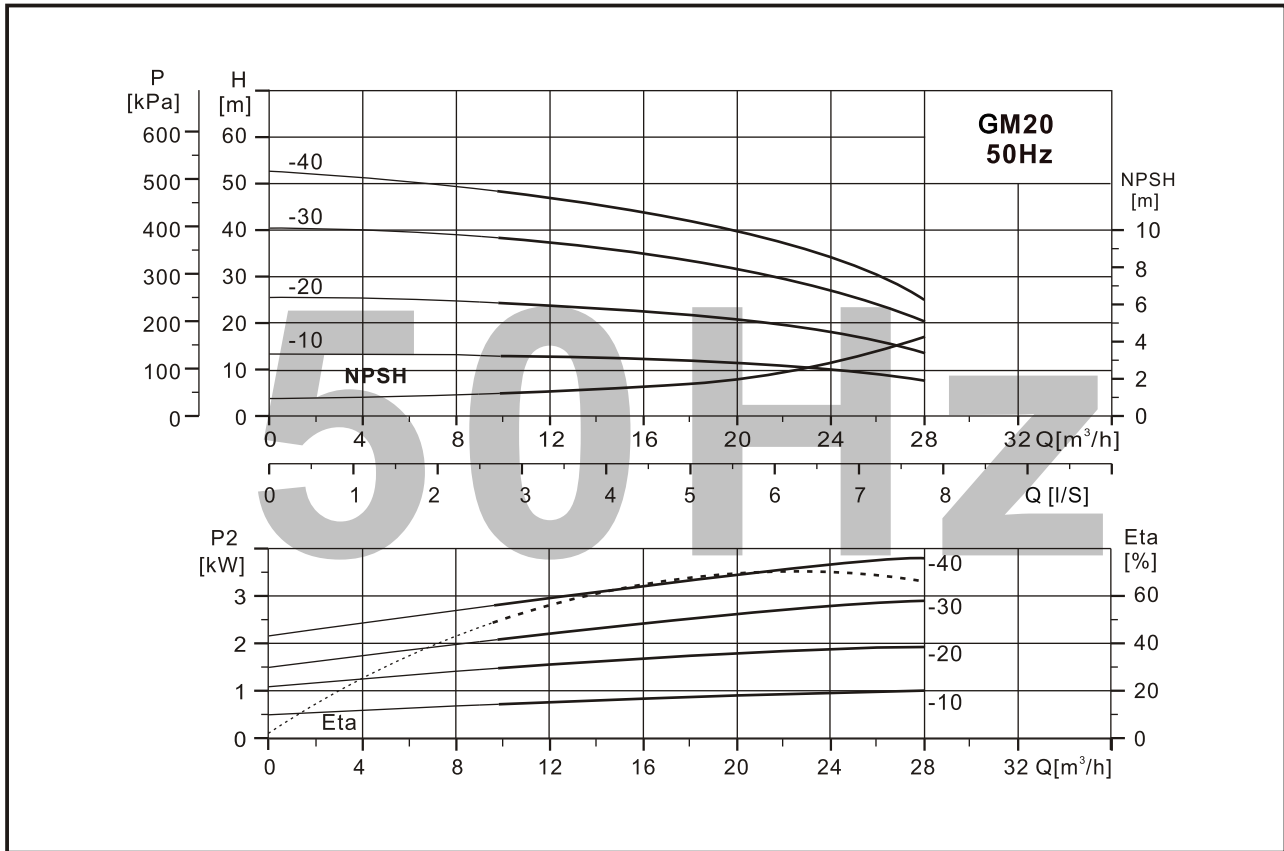
Model	Driving motor P ₂ (kW)	Q (m³/h)	8	10	12	14	16	18	20	22	24
GM16-10(T)	1.0	H (m)	12	11.5	11	10.5	10	9	8	7	6
GM16-20(T)	1.5		24	23	22	21	20	19	16	14	12
GM16-30(T)	2.2		38	36	34	33	30	28	26	23	20
GM16-40T	3.0		50	48	46	44	40	38	36	32	28

Installation sketch



Model	Dimensions(mm)										Weight (kg)
	Single Phase					Three Phase					
	L1	L2	L3	H	D	L1	L2	L3	H	D	
GM16-10(T)	326	96	81	244	165	326	96	81	222	165	12
GM16-20(T)	406	141	126	254	165	406	141	126	232	165	18
GM16-30(T)	495	186	171	239	170	451	186	171	232	165	25
GM16-40T	—	—	—	—	—	556	231	216	239	170	28

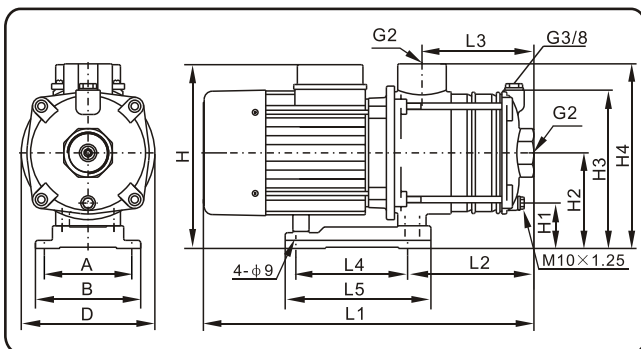
Performance curve



Performance table

Model	Driving motor P ₂ (kW)	Q (m³/h)	10	12	14	16	18	20	22	24	26	28
GM20-10(T)	1.0	H (m)	13	12.5	12	11.5	11	10.5	10	9	8.5	7.5
GM20-20(T)	1.85		25	24	23	22	21	20	18	16	14	12
GM20-30T	3.0		39	38	36	35	33	31.5	30	27	24	21
GM20-40T	4.0		50	48	46	44	42	40	36	32	28	24

Installation sketch



Model	Dimensions(mm)														Weight (kg)
	L1	L2	L3	L4	L5	H	H1	H2	H3	H4	A	B	D		
GM20-10	326	96	81	138	180	244	56	118	195	228	108	130	165	14	
GM20-20	326	96	81	138	180	239	56	118	195	228	108	130	165	24	
GM20-10T	448	141	126	138	180	222	56	118	195	228	108	130	165	13.5	
GM20-20T	406	141	126	138	180	232	56	118	195	228	108	130	165	23.5	
GM20-30T	507	186	171	138	180	237	56	118	195	228	108	130	170	28	
GM20-40T	575	316	216	140	175	248	38	100	177	210	160	180	195	33	



JAPAN ENGINEERING STANDARD

 02-899-5241-4

 GTX ปั๊มน้ำเพื่อคนไทย



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