



Technical Catalogue



KMP/GMP Series

Self-Priming Pump

■ Application

- Industrial water supply and drainage.
- Building site water supply and drainage.
- Irrigation and drainage for agricultural.
- Drainage for sewer and purifying tanks.
- Drainage for waste water treatment.

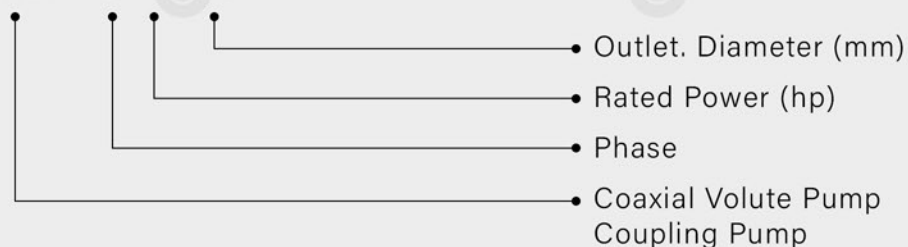


■ Features

- High efficiency, compact design, light weight, save space and easy to install.
- Using mechanical seal Which no damage to shaft and life extension.
- Special construction for the pump casing, high self priming capability.
- With half open type impeller which drainages waste water effectively.
- Only initial water adding is required to save the trouble of continuously water addings.

■ Type Description

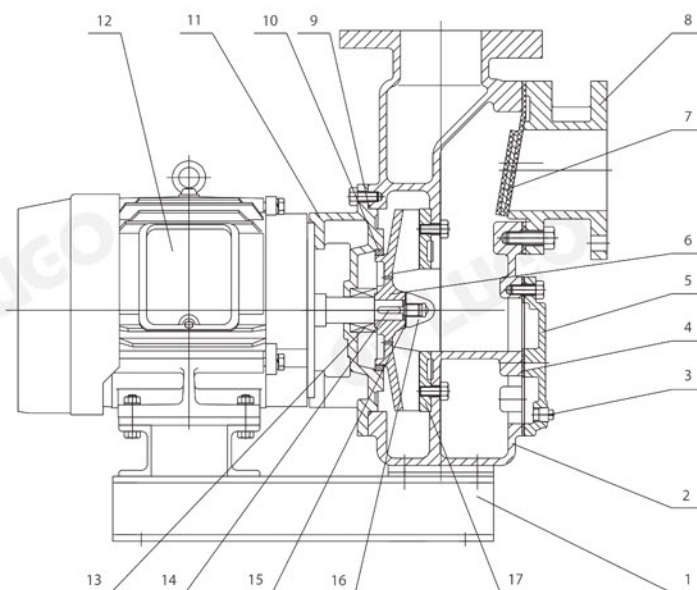
GMP-3 1-50



Construction

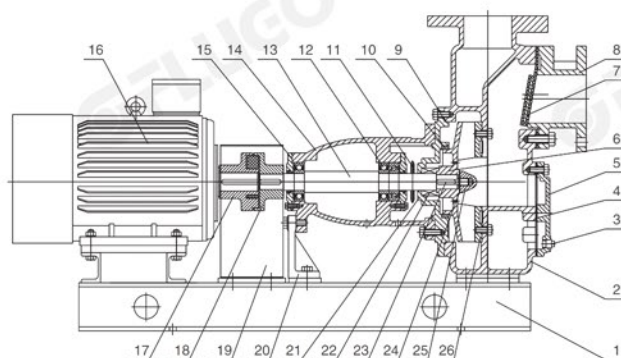
GMP

No.	Name	Material	
		GB	JIS
1	Base	Q235A	SS400
2	Pump Body	HT200	FC200
3	Plug	Q235A	SS400
4	Gaskets	NBR	NBR
5	Cover	HT200	FC200
6	Impeller	HT200	FC200
7	Check	NBR	NBR
8	Check Base	HT200	FC200
9	O-Ring	NBR	NBR
10	Seal Ring	ZCuSn10Pb5	LBC2
11	Bracket	HT200	FC200
12	Motor	-	-
13	Mechanical Seal	Sic-Sic	Sic-Sic
14	Key	3Cr13	SUS420J2
15	Lock Washer	0Cr18Ni9	SUS304
16	Impeller Nut	0Cr18Ni9	SUS304
17	Separator	HT200	FC200



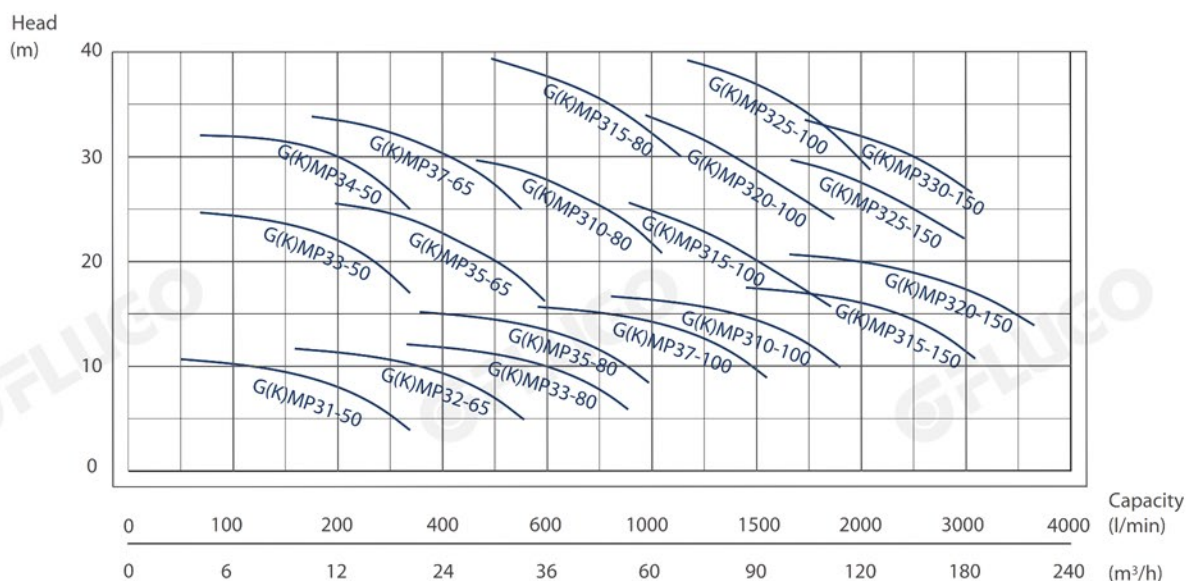
KMP

No.	Name	Material	
		GB	JIS
1	Base	Q235A	SS400
2	Pump Body	HT200	FC200
3	Plug	Q235A	SS400
4	Gaskets	NBR	NBR
5	Cover	HT200	FC200
6	Impeller	HT200	FC200
7	Check	NBR	NBR
8	Check Base	HT200	FC200
9	O-Ring	NBR	NBR
10	Seal Ring	ZCuSn10Pb5	LBC2
11	Block Water Ring	NBR	NBR
12	Bearing	-	-
13	Shaft	3Cr13	SUS420J2
14	Bearing Body	HT200	FC200
15	Bearing Cover	HT200	FC200
16	Motor	-	-



No.	Name	Material	
		GB	JIS
17	Motor Coupling	HT200	FC200
18	Pump Coupling	HT200	FC200
19	Coupling Cover	Q235A	SS400
20	Bearing Stand	HT200	FC200
21	Back Cap	HT200	FC200
22	Mechanical Seal	Sic-Sic	Sic-Sic
23	Key	3Cr13	SUS420J2
24	Lock Washer	0Cr18Ni9	SUS304
25	Impeller Nut	0Cr18Ni9	SUS304
26	Separator	HT200	FC200

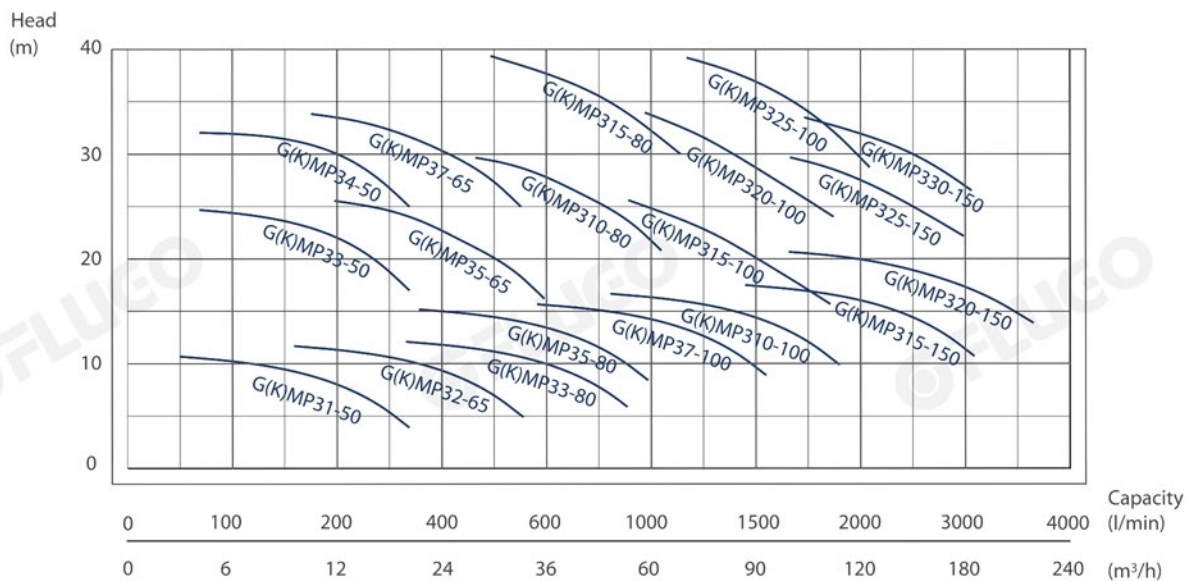
■ Performance Chart



■ Performance Parameters (2P)

Pump Model	Motor			Pump						Weight
	Power		Speed	Dia.		Head	Capacity	Eff.	Self-suction Height	GMP/KMP
	hp	kW	r/min	mm	in	m	m³/h	(%)	m	kg
GMP33-50	3	2.2	2900	50	2"	22	12	50	5.5	75/107
KMP33-50	3	2.2								
GMP34-50	4	3	2900	50	2"	30	12	50	5.5	90/118
KMP34-50	4	3								
GMP35-65	5	3.7	2900	65	2.5"	20	30	52	5.5	95/127
KMP35-65	5.5	4								
GMP37-65	7.5	5.5	2900	65	2.5"	30	25	52	5.5	115/146
KMP37-65	7.5	5.5								
GMP310-80	10	7.5	2900	80	3"	26	45	52	5.5	170/230
KMP310-80	10	7.5								
GMP315-80	15	11	2900	80	3"	35	50	55	5.5	210/276
KMP315-80	15	11								
GMP315-100	15	11	2900	100	4"	20	90	57	5.5	215/265
KMP315-100	15	11								
GMP320-100	20	15	2900	100	4"	28	90	58	5.5	226/276
KMP320-100	20	15								
GMP325-100	25	18.5	2900	100	4"	35	100	60	5.5	254/304
KMP325-100	25	18.5								
GMP325-150	25	18.5	2900	150	6"	25	150	60	5.5	310/374
KMP325-150	25	18.5								
GMP330-150	30	22	2900	150	6"	30	150	60	5.5	330/391
KMP330-150	30	22								

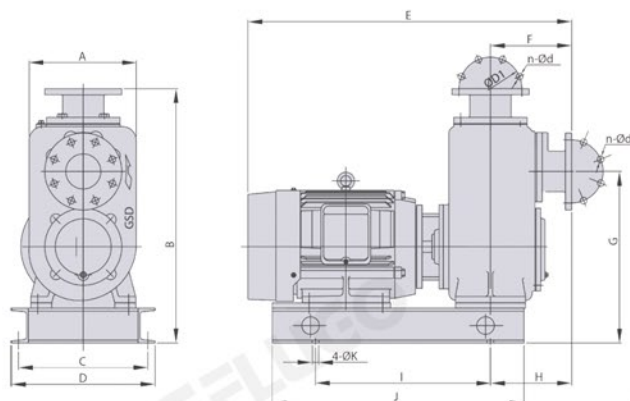
■ Performance Chart



■ Performance Parameters (4P)

Pump Model	Motor			Pump							Weight
	Power		Speed	Dia.		Head	Capacity		Eff.	Self-suction Height	GMP/KMP
	hp	kW		mm	in		l/min	m³/h			
GMP31-50	1	0.75	1450	50	2"	8	200	12	46	4.5	60/81
KMP31-50	1	0.75									
GMP32-65	2	1.5	1450	65	2.5"	9	416	25	52	4.5	76/102
KMP32-65	2	1.5									
GMP33-80	3	2.2	1450	80	3"	9	700	42	50	4.5	105/128
KMP33-80	3	2.2									
GMP35-80	5	3.7	1450	80	3"	12	750	45	54	4.5	114/145
KMP35-80	5.5	4									
GMP37-100	7	5.5	1450	100	4"	13	1200	72	52	4.5	175/262
KMP37-100	7	5.5									
GMP310-100	10	7.5	1450	100	4"	14	1600	96	50	4.5	248/297
KMP310-100	10	7.5									
GMP315-150	15	11	1450	150	6"	15	2400	144	67	5	306/346
KMP315-150	15	11									
GMP320-150	20	15	1450	150	6"	18	2800	168	65	5	322/375
KMP320-150	20	15									

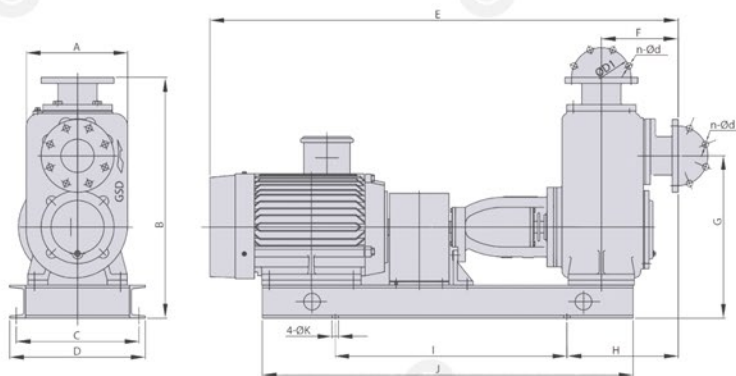
■ Performance Charts



(2P)

(mm)

Type	A	B	C	D	E	F	G	H	I	J	K	D1	n-Ød
GMP33-50	212	588.5	260	294	579	168	415	168	320	460	15	125	4-Ø19
GMP34-50	227	578.5	260	294	651	168	405	168	360	520	15	125	4-Ø19
GMP35-65	212	588.5	260	294	646	168	415	168	360	520	15	145	4-Ø19
GMP37-65	227	578.5	260	294	679	168	405	168	360	520	15	145	4-Ø19
GMP310-80	292	726.5	370	410	803	232	490	232	420	600	19	160	8-Ø19
GMP315-80	306	726.5	370	410	925	232	490	232	500	720	19	160	8-Ø19
GMP315-100	292	726.5	370	410	925	232	490	232	500	720	19	180	8-Ø19
GMP320-100	306	726.5	370	410	925	232	490	232	500	720	19	180	8-Ø19
GMP325-100	306	726.5	370	410	1041	232	490	232	620	850	19	180	8-Ø19
GMP325-150	403.5	876.5	410	450	1130	290	571	290	640	870	19	240	8-Ø23
GMP330-150	403.5	876.5	410	450	1132	290	571	290	640	870	19	240	8-Ø23

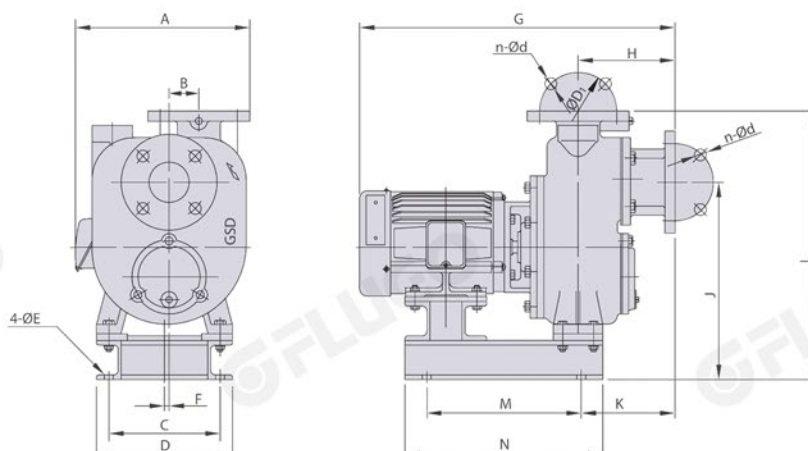


(2P)

(mm)

Type	A	B	C	D	E	F	G	H	I	J	K	D1	n-Ød
KMP33-50	212	588.5	260	294	944.5	168	415	213	530	728	15	125	4-Ø19
KMP34-50	227	578.5	260	294	968	168	405	213	550	761	15	125	4-Ø19
KMP35-65	212	588.5	260	294	988.5	168	415	213	560	768	15	145	4-Ø19
KMP37-65	227	578.5	260	294	1027	168	405	213	580	792	15	145	4-Ø19
KMP310-80	292	726.5	370	410	1211	232	490	334	550	945	19	160	8-Ø19
KMP315-80	306	726.5	370	410	1371	232	490	336	700	1080	19	160	8-Ø19
KMP315-100	292	726.5	370	410	1371	232	490	336	700	1080	19	180	8-Ø19
KMP320-100	306	726.5	370	410	1371	232	490	336	700	1080	19	180	8-Ø19
KMP325-100	306	726.5	370	410	1415	232	490	332	700	1125	19	180	8-Ø19
KMP325-150	403.5	876.5	410	450	1504	290	571	405	750	1160	19	240	8-Ø23
KMP330-150	403.5	876.5	410	450	1544	290	571	405	750	1180	19	240	8-Ø23

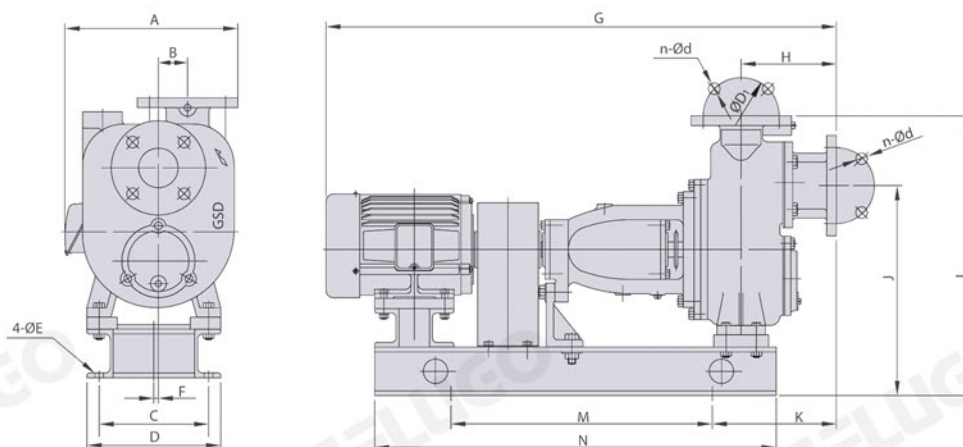
■ Installation Dimensions



(4P)

(mm)

Type	A	B	C	D	E	F	G	H	J	K	L	M	N	D1	n-Ød
GMP31-50	282	180	180	215	15	7.5	510	156.5	319	151.5	434	250	320	125	4-Ø19
GMP32-65	319.5	200	200	240	15	10	555	163	330	143	458	300	370	145	4-Ø19
GMP33-80	352	240	240	275	15	12	617	174	345	145	508	350	420	160	8-Ø19
GMP35-80	361	240	240	275	15	12	627	174	345	144	508	350	420	160	8-Ø19
GMP37-100	434	280	280	320	15	20	727	205	446	175	630	400	470	180	8-Ø19
GMP310-100	434	280	280	320	15	20	764.5	205	446	175	630	400	500	180	8-Ø19
GMP315-150	547.5	360	360	400	19	22	933	260	561	264.5	805	450	587	240	8-Ø23
GMP320-150	547.5	360	360	400	19	22	977	260	561	262	805	500	632	240	8-Ø23



(4P)

(mm)

Type	A	B	C	D	E	F	G	H	J	K	L	M	N	D1	n-Ød
KMP31-50	284	48	180	220	15	7.5	839	156.5	345	151.5	460	430	660	125	4-Ø19
KMP32-65	319.5	60	200	240	15	10	874.5	163	350	143	478	480	720	145	4-Ø19
KMP33-80	352	60	240	280	15	12	954	174	365	145	528	480	745	160	8-Ø19
KMP35-80	361	60	240	280	15	12	974	174	365	144	528	480	755	160	8-Ø19
KMP37-100	434	40	280	320	15	20	1159	205	471	175	655	600	900	180	8-Ø19
KMP310-100	434	40	280	320	15	20	1199	205	471	175	655	600	940	180	8-Ø19
KMP315-150	547.5	120	360	400	19	22	1368	260	561	264.5	805	700	1050	240	8-Ø23
KMP320-150	547.5	120	360	400	19	22	1413	260	561	262	805	700	1090	240	8-Ø23



KMP/GMP Series - Self-priming Pump

Authorized Distributor