http://www.gmpump.co.kr

50Hz

Global Companies

GM PUMP

SUBMERSIBLE PUMP

WE WILL GIVE YOU THE BEST **PRODUCT**
WE WILL GIVE YOU THE BEST **SERVICE**
WE WILL GIVE YOU ALL **HEART**

GM PUMP

Global Companies
GM PUMP
WATER PUMP

CEO Greetings

GM Pump Co., Ltd. was founded in December 2009. Since water pumps, the company that manu-factures large special pumps for seawater.
Quality and customer service support is one that touches employees for reasonable prices as well as striving to achieve and management philosophy of **"best quality", "best service", "new product devel-opment".**
National Pump, promises to further rises in the World, GM pump stand up to me non-stop does not spare any effort technology development / improvement, be the leading company through cost savings.
We hope your interest and encouragement in Co. GM pump, promises to once again grow businesses that can meet your needs.
Thank you.

History

2009.12 GM pump incorporated company established
2010.01 Single-phase submersible pump production and safety certication
2011.03 Sewage and drainage water pump production
2012.02 Mass production volute pump (300mm)
2012.11 Venture Company
2013.05 Hampyeong plant and earlier
2013.06 MainBiz selection
2013.07 Established R & D Center Licensing
2013.10 CLEAN designated sites
2014.02 Korea Standard KS certication obtained
2014.03 One study combined business enterprise selection
2015.09 ISO Quality Management Certied

Contents

Modle: GP
GP
Sea water ground pumps

Feature

Suitable volume range for high stream discharge ow and low lift
Clearance control was adopted for minimization of loss.
Substantial design and reinforced durability

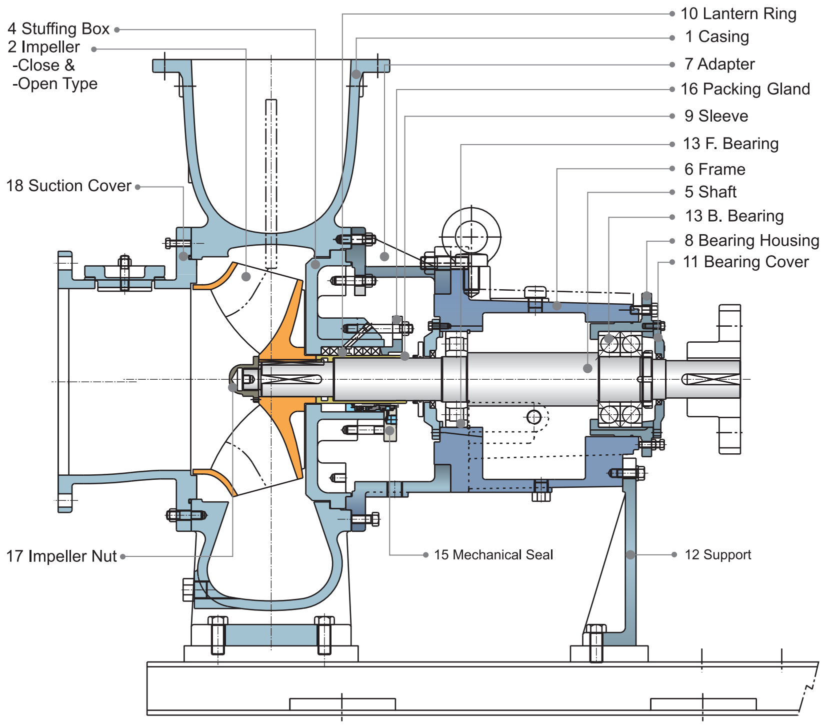
Application

Supply of seawater for aquafarms
(transfer the maximum quantity to prepare for winter)
Circulation   Transfer of food and beverage
Paper manufacturing   Water treatment
Works in mines   General industries

Impeller   Mechanical seal catridge

Standard Material

Casings : SSC13
Shaft : STS304
Impeller : SSC13
Mechanical Seal Type



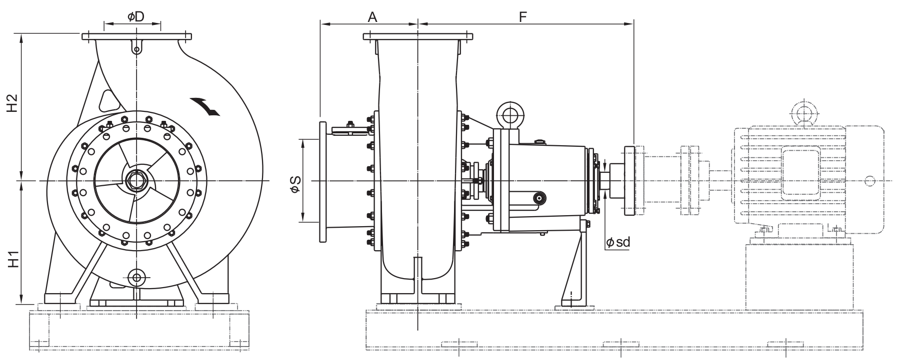
Materials

	Name of Parts	Standard
1	Casing	SSC13
2	Impeller	SSC13
4	Stuffing Box	SSC13
5	Shaft	STS304
6	Frame	GC200
7	Adapter	GC200
8	Bearing Housing	GC200
9	Sleeve	SSC13
10	Lantern Ring	STS304
11	F. Bearing Cover	GC200
12	Support	GC200
13	F. Bearing	STEEL
14	B.Bearing	STEEL
15	Mech. Seal	OPTIONS
16	Gland Packing	TEFLON
17	Impeller Nut	SSC13
18	Suction Cover	SSC13

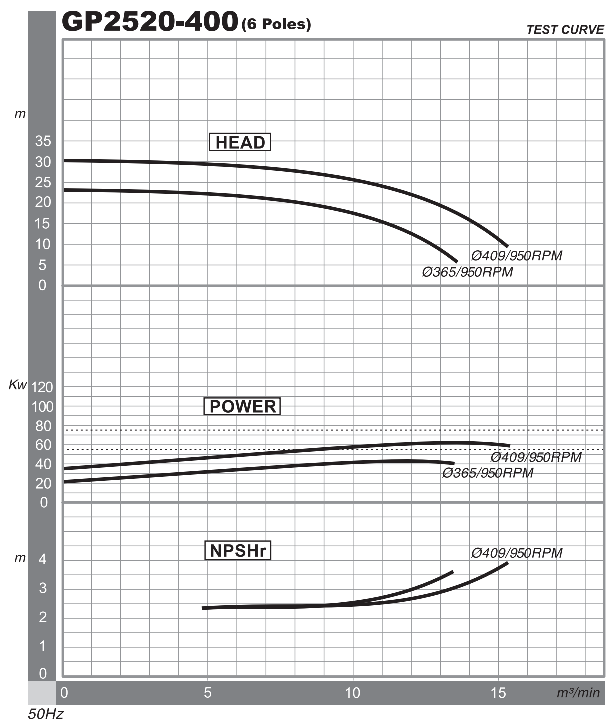
Dimension of Pump

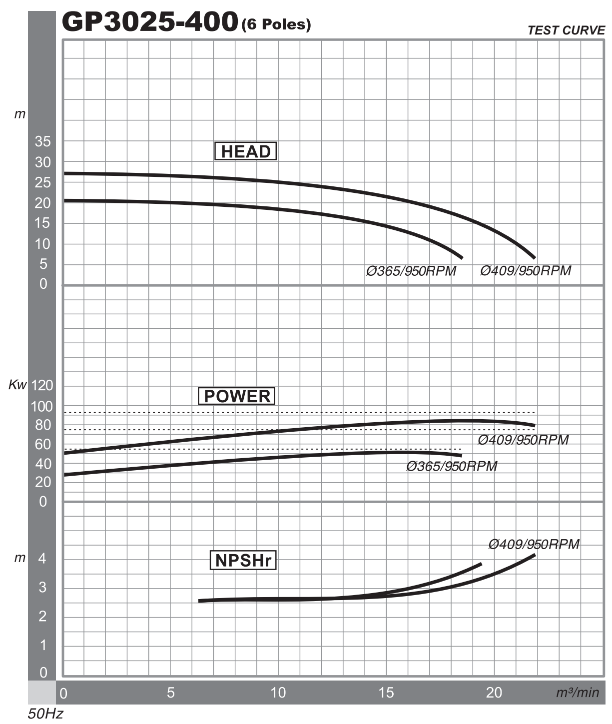
unit:mm

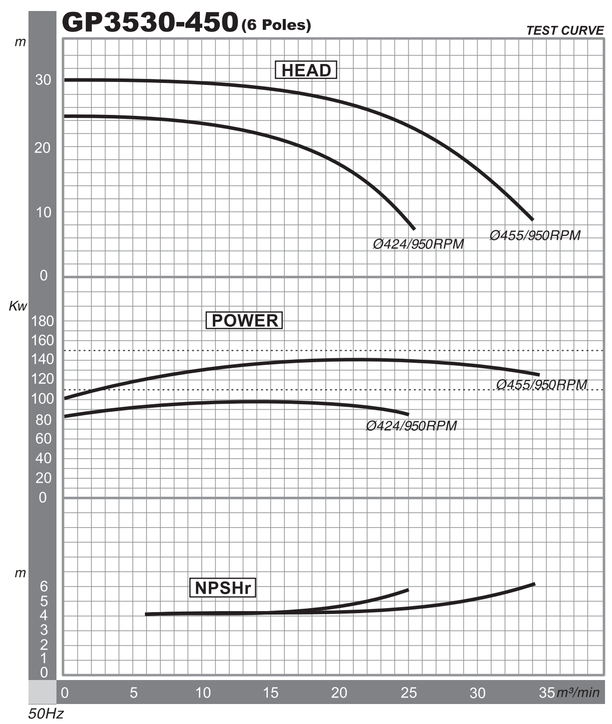
MODLE	ϕS	ϕD	A	F	H1	H2	ϕsd
GP2520	250	200	350	750	360	450	55
GP3025	300	250	385	875	400	500	70
GP3530	350	300	400	880	600	500	70
GP4540	450	400	450	1200	600	850	90

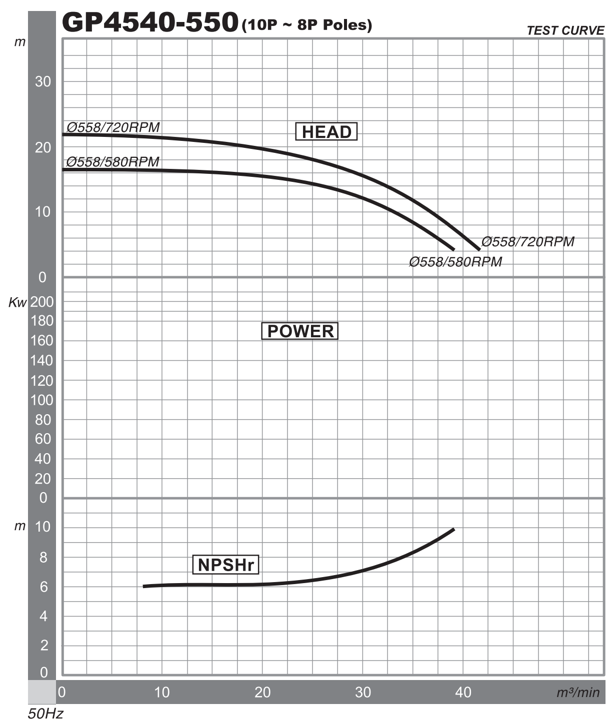


Performance Curves



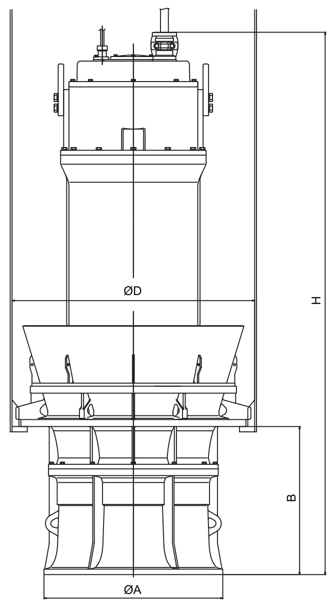






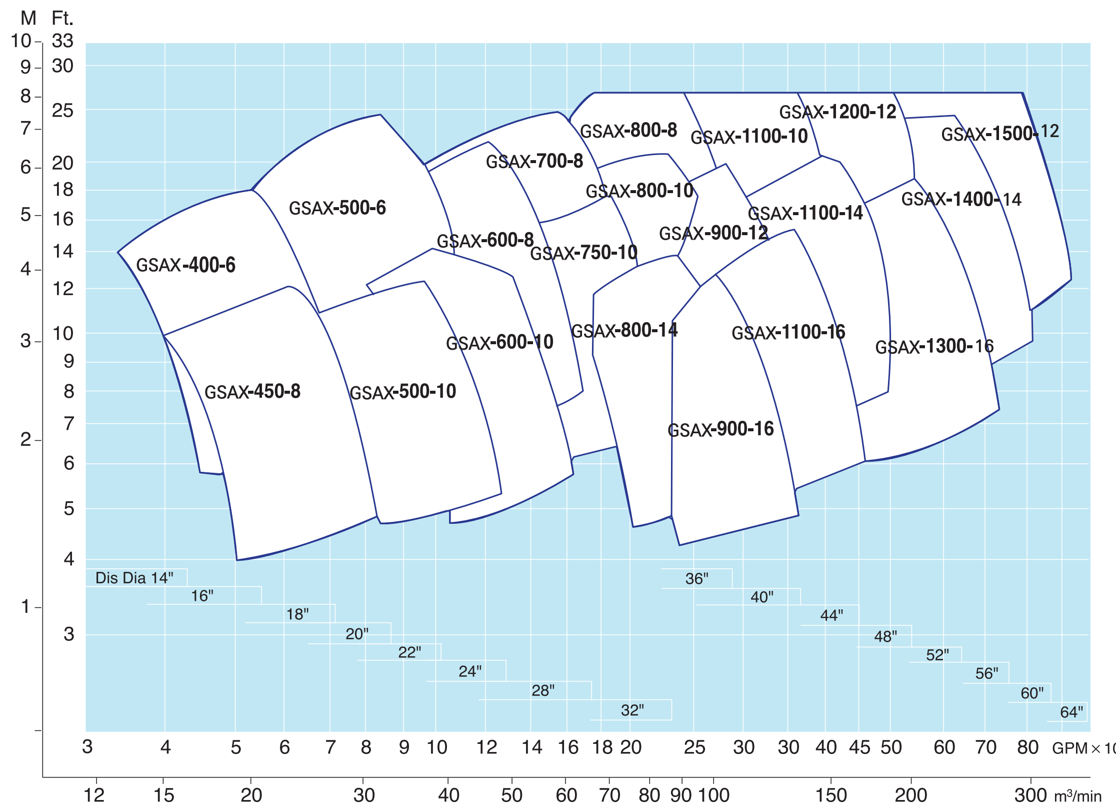
Characteristic

Detailed and easy to handle and install compact design
Application of a variety of low-head, high-ow design
Simple structure, easy maintenance
Reduce the construction cost of the pu-mping station and equipment costs (Narrow and ancillary equipment required installation space)
Maximize product reliability early detection of abnormalities(Various safeguards built in)
Easy to handle and install ne and compact design



Application

Rainwater drainage pumping stations, sheep farming
For the cost of the oods and heavy rains, ood
Such as sewage treatment plant inuent and efuent pumps



Standard Specifications

Caliber (mm)	Type (Model)	Output (kw)	Devel-oped (m)	Developed head pump output (m³/min)	A	B	D	H	Weight (kg)
400	GSAX15 6T	15	3.8	16	550	536	560	1250	350
	GSAX19 6T	19	4	19	550	536	560	1480	600
	GSAX22 6T	22	4.5	20	550	536	560	1480	700
	GSAX30 6T	30	5.2	23	550	536	560	1480	750
450	GSAX19 8T	19	3.5	22	660	646	670	1765	750
	GSAX22 8T	22	3.5	25	660	646	670	1765	850
500	GSAX30 6T	30	5	25	660	646	670	1765	750
	GSAX37 6T	37	5.5	28	660	646	670	1765	950
	GSAX45 6T	45	5.6	33	660	646	670	1765	1200
	GSAX55 6T	55	6.5	35	660	646	670	2150	1500
	GSAX22 10T	22	3	30	760	800	750	1950	900
	GSAX30 10T	30	3.5	35	760	800	750	1950	1000
	GSAX37 10T	37	3.6	43	760	800	750	2200	1100
600	GSAX37 8T	37	4.3	35	760	800	750	1950	950
	GSAX45 8T	45	4.7	40	760	800	750	1950	1600
	GSAX55 8T	55	5.5	42	760	800	750	2200	1900
	GSAX75 8T	75	5.8	55	760	890	750	2200	2000
	GSAX30 10T	30	3.5	35	870	890	860	2100	1000
	GSAX37 10T	37	3.6	43	870	890	860	2350	1100
	GSAX45 10T	45	4	47	870	1025	860	2350	2000
	GSAX55 10T	55	4.6	50	980	1025	930	2500	2400
700	GSAX55 8T	55	5	45	980	1025	930	2500	1900
	GSAX75 8T	75	5.6	55	980	1025	930	2500	2000
	GSAX90 8T	90	6	63	980	1025	930	2500	2150
	GSAX110 8T	110	6.5	71	980	890	930	2500	2600
750	GSAX45 10T	45	4	48	980	890	970	2350	2000
	GSAX55 10T	55	4.5	52	980	960	970	2350	2400
	GSAX75 10T	75	5	64	1060	960	1070	2600	2500
	GSAX90 10T	90	5.5	70	1060	960	1070	2730	3100
800	GSAX90 8T	90	6.2	62	980	960	930	2350	2150
	GSAX110 8T	110	6.7	70	980	1025	930	2600	2600
	GSAX130 8T	130	7.2	77	1060	1025	1070	2600	3200
	GSAX150 8T	150	7.5	88	1060	1025	1070	2730	3800
	GSAX190 8T	190	8.2	100	1060	1025	1070	2730	4800
	GSAX75 10T	75	4.7	68	1170	1205	1260	2850	2500
	GSAX90 10T	90	5.2	74	1170	1205	1260	2850	3100
	GSAX110 10T	110	5.7	82	1170	1205	1260	3000	3500
	GSAX130 10T	130	6	92	1170	1205	1260	3000	3800
	GSAX55 14T	55	3.5	67	1160	1265	1160	2880	3100
	GSAX75 14T	75	4.2	76	1160	1265	1160	2880	3200
	GSAX90 14T	90	4.5	86	1160	1265	1160	2880	3500

Caliber (mm)	Type (Model)	Output (kw)	Devel-oped (m)	Developed head pump output (m³/min)	A	B	D	H	Weight (kg)
900	GSAX75 12T	75	4	80	1160	1265	1160	2880	3100
	GSAX90 12T	90	4.5	87	1160	1265	1160	2880	3200
	GSAX110 12T	110	5	96	1160	1265	1160	3050	3800
	GSAX130 12T	130	5.5	103	1160	1265	1160	3050	4500
	GSAX55 16T	55	3	78	1165	1155	1160	2925	3700
	GSAX75 16T	75	3.5	93	1165	1155	1160	2925	4100
	GSAX90 16T	90	4	98	1165	1155	1160	2925	4500
	GSAX110 16T	110	4	120	1360	1215	1360	3000	5000
1100	GSAX130 10T	130	5.9	95	1160	1265	1160	2880	3800
	GSAX150 10T	150	6.2	105	1160	1265	1160	2880	4500
	GSAX190 10T	190	7	118	1160	1265	1160	3050	5800
	GSAX220 10T	220	7.5	128	1160	1265	1160	3050	6300
	GSAX110 14T	110	4.2	115	1360	1300	1360	3070	4500
	GSAX130 14T	130	4.4	130	1360	1300	1360	3200	5000
	GSAX150 14T	150	4.9	135	1360	1300	1360	3200	6300
	GSAX190 14T	190	5.5	152	1360	1300	1360	3200	6600
	GSAX220 14T	220	6	162	1360	1300	1360	3350	6800
	GSAX75 16T	75	3.5	94	1360	1300	1360	3070	4100
	GSAX110 16T	110	4	120	1360	1300	1360	3200	5000
	GSAX130 16T	130	4.5	125	1360	1300	1360	3200	5500
	GSAX150 16T	150	4.9	135	1360	1300	1360	3200	6500
1200	GSAX190 12T	190	6	139	1360	1300	1360	3200	6300
	GSAX220 12T	220	6.5	149	1360	1300	1360	3200	6500
	GSAX250 12T	250	6.9	160	1360	1300	1360	3200	7100
	GSAX300 12T	300	7.4	180	1360	1300	1360	3500	7600
	GSAX350 12T	350	7.8	200	1560	1400	1560	3600	8200
1300	GSAX150 18T	150	4	165	1560	1420	1550	3200	7920
	GSAX190 18T	190	4.4	190	1560	1420	1550	3200	8140
	GSAX220 16T	220	5	195	1560	1420	1550	3450	8760
	GSAX250 14T	250	5.5	202	1560	1420	1550	3450	8910
	GSAX300 14T	300	5.8	225	1560	1420	1550	3870	9200
1400	GSAX190 14T	190	5	162	1560	1420	1550	3450	8400
	GSAX220 14T	220	5.5	175	1560	1420	1550	3450	8600
	GSAX250 14T	250	6	185	1560	1420	1550	3450	9200
	GSAX300 12T	300	6.5	206	1560	1420	1550	3870	9400
	GSAX350 12T	350	7	220	1560	1420	1550	3870	10000
	GSAX400 12T	400	7.4	240	1560	1420	1550	3870	10200
1500	GSAX300 14T	300	6.2	215	1560	1420	1550	3900	9400
	GSAX350 14T	350	6.5	240	1560	1420	1550	3900	10000
	GSAX400 12T	400	7.1	250	1560	1420	1550	3900	10200
	GSAX450 12T	450	7.5	265	1560	1420	1550	3900	10450
	GSAX500 12T	500	8	275	1560	1420	1550	3900	10700

Characteristic

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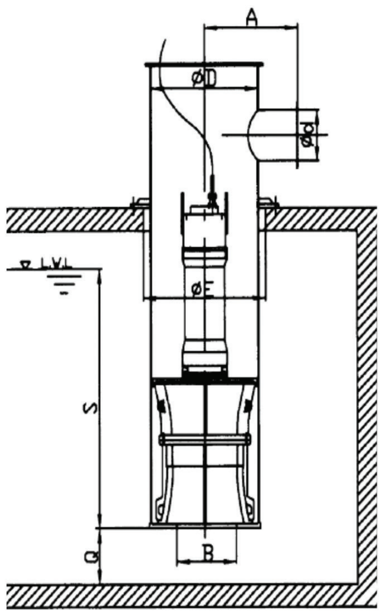
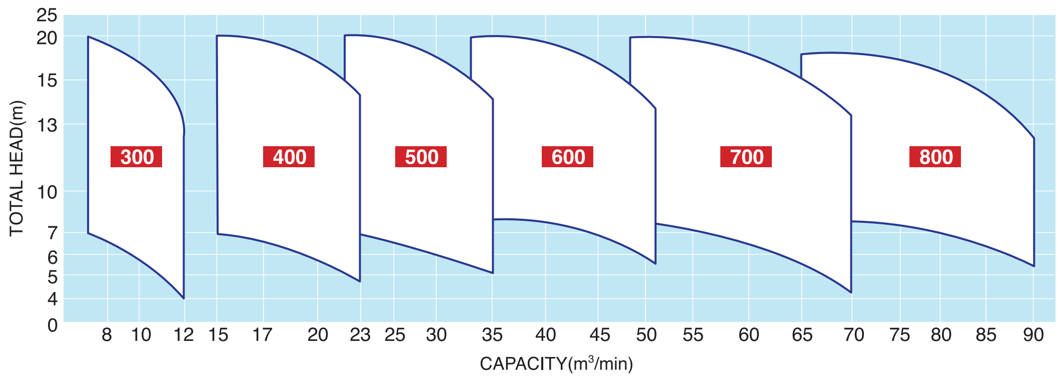
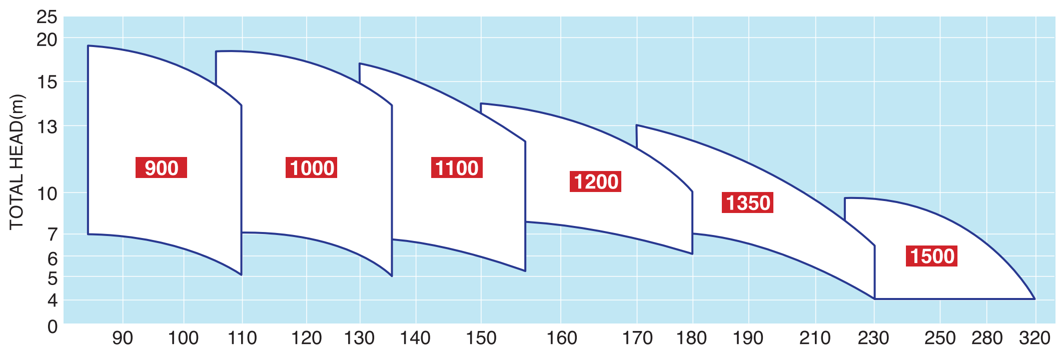






Standard Specifications

Caliber (mm)	Type (Model)	Output (kw)	Devel-oped (m)	Developed head pump output (m^3/min)	A	B	E	Q	S	D
400	GSMIX 22 6T	22	9	10	400	330	600	200	450	500
	GSMIX37 4T	37	15	10	400	330	600	200	450	500
400	GSMIX37 8T	37	7.5	20	450	430	700	250	600	600
	GSMIX55 8T	55	11.5	20	450	430	700	250	600	600
	GSMIX75 6T	75	15.5	20	450	430	700	250	600	600
	GSMIX90 6T	90	18.5	20	450	430	700	250	600	600
500	GSMIX55 12T	55	7.5	30	500	530	800	300	750	700
	GSMIX75 8T	75	10.5	30	500	530	800	300	750	700
	GSMIX110 8T	110	15	30	500	530	800	300	750	700
	GSMIX130 8T	130	18	30	500	530	800	300	750	700
600	GSMIX75 14T	75	7	45	550	630	950	350	900	800
	GSMIX90 12T	90	8.5	45	550	630	950	350	900	800
	GSMIX130 8T	130	12.5	45	550	630	950	350	900	800
	GSMIX150 8T	150	14.6	45	550	630	950	350	900	800
	GSMIX190 8T	190	17.5	45	550	630	950	350	900	800
700	GSMIX90 16T	90	6.5	60	650	730	1050	400	1050	900
	GSMIX110 14T	110	8	60	650	730	1050	400	1050	900
	GSMIX150 12T	150	10.8	60	650	730	1050	400	1050	900
	GSMIX220 10T	220	16	60	650	730	1050	400	1050	900
	GSMIX260 8T	260	18.5	60	650	730	1050	400	1050	900
800	GSMIX130 16T	130	7	80	850	830	1150	450	1200	1000
	GSMIX150 16T	150	8	80	850	830	1150	450	1200	1000
	GSMIX190 14T	190	10	80	850	830	1150	450	1200	1000
	GSMIX220 12T	220	12	80	850	830	1150	450	1200	1000
	GSMIX300 10T	300	16.3	80	850	830	1150	450	1200	1000

Caliber (mm)	Type (Model)	Output (kw)	Devel-oped (m)	Developed head pump output (m^3/min)	A	B	E	Q	S	D
900	GSMIX150 14T	150	6.3	100	900	930	1300	500	1350	1100
	GSMIX220 12T	220	9.3	100	900	930	1300	500	1350	1100
	GSMIX300 10T	300	12.5	100	900	930	1300	500	1350	1100
	GSMIX350 8T	350	14.7	100	900	930	1300	500	1350	1100
	GSMIX400 8T	400	16.9	100	900	930	1300	500	1350	1100
1000	GSMIX190 16T	190	6.7	120	900	1000	1400	550	1500	1200
	GSMIX220 14T	220	7.8	120	900	1000	1400	550	1500	1200
	GSMIX300 10T	300	10.7	120	900	1000	1400	550	1500	1200
	GSMIX400 8T	400	14.2	120	900	1000	1400	550	1500	1200
	GSMIX500 8T	500	17.7	120	900	1000	1400	550	1500	1200
1100	GSMIX220 16T	220	6.7	140	1000	1100	1500	600	1650	1300
	GSMIX300 14T	300	9	140	1000	1100	1500	600	1650	1300
	GSMIX400 10T	400	12.2	140	1000	1100	1500	600	1650	1300
	GSMIX450 10T	450	13.7	140	1000	1100	1500	600	1650	1300
	GSMIX500 10T	500	15.2	140	1000	1100	1500	600	1650	1300
1200	GSMIX300 16T	300	8.1	160	1000	1200	1600	600	1800	1400
	GSMIX355 14T	355	9.4	160	1000	1200	1600	600	1800	1400
	GSMIX400 12T	400	10.8	160	1000	1200	1600	600	1800	1400
	GSMIX450 10T	450	12.1	160	1000	1200	1600	600	1800	1400
	GSMIX500 10T	500	13.5	160	1000	1200	1600	600	1800	1400
1350	GSMIX300 18T	300	6.9	190	1150	1350	1750	700	2000	1550
	GSMIX400 16T	400	9.1	190	1150	1350	1750	700	2000	1550
	GSMIX500 12T	500	11.4	190	1150	1350	1750	700	2000	1550
1500	GSMIX400 20T	400	7	250	1250	1500	1950	750	2200	1700
	GSMIX500 18T	500	8.7	250	1250	1500	1950	750	2200	1700

GSL
Large vloume submersible pumps

Feature
The vibration and noise is less than the mass
Compact design, double mechanical seal application
Power ratio reduction according to the high efciency
Impeller and shaft maintain long life in perfect harmony

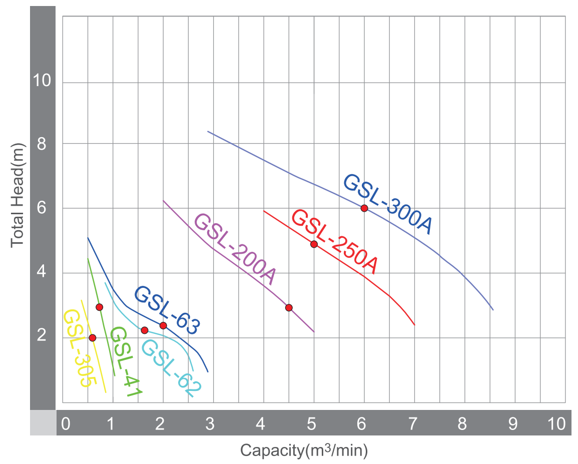
Application
Drainage of large farms
And industrial, plant cooling water, landscaping business
Rivers, lakes, drainage

Material
General casings : FRP
Out jacket : STS304
Main Shaft : STS410
Impeller(propeller) : SSC13

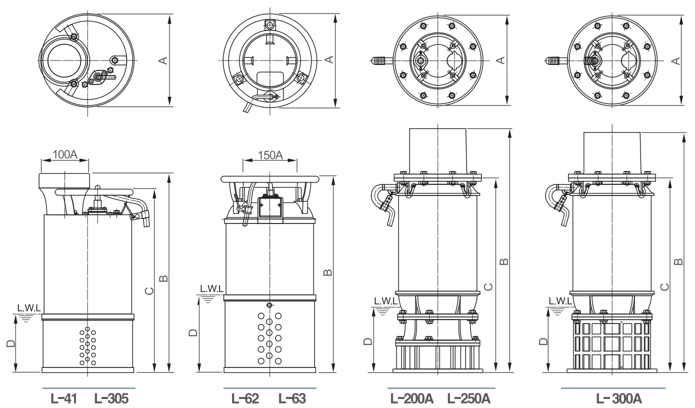
Specifications

MODEL	Power (KW)	Size (MM)	Head (M)	Capacity (L/Min)	Weight (kg)	Voltage (Ø)	Dimension Width	Dimension Height
GSL-305	0.4	80	2.0	0.6	25	Ø1	225	484
GSL-305	0.4	80	2.0	0.6	25	Ø3	225	484
GSL-41	0.75	100	3.5	0.7	26	Ø1	225	484
GSL-41	0.75	100	3.5	0.7	26	Ø3	225	484
GSL-62	1.5	150	2.5	1.6	51	Ø3	285	597
GSL-63	2.2	150	2.5	2.0	52	Ø3	285	597
GSL-200A	5.5	200	3.0	4.5	119	Ø3	340	923
GSL-250A	7.5	250	5.0	5.0	162	Ø3	380	1015
GSL-300A	11	300	6.0	6.0	201	Ø3	430	1077

Performance Curve



Dimension of Pump



MODEL	L-41	L-305	L-62	L-63	L-200A	L-250A	L-300A
A	225	225	285	285	340	380	430
B	484	484	597	597	923	1015	1077
C	447	447	-	-	733	802	856
D	180	180	237	237	250	300	260

GSBS
Draining pump

Feature
Ball-rise achieved by adopting volute impeller
Maximize leak-proof with dual mechanical seals used
Removable device available

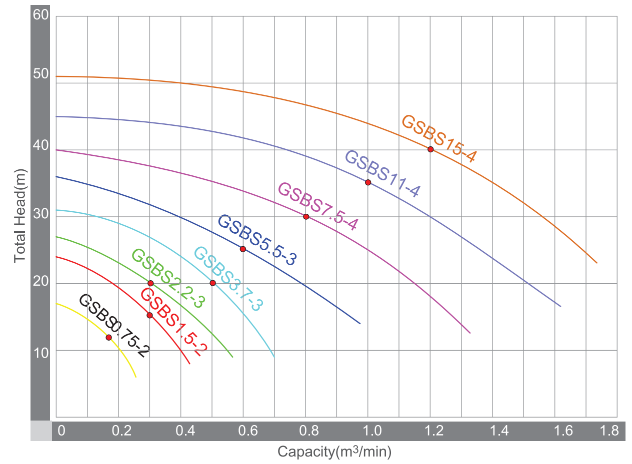
Application
For general other drainage feed
Factories, building septic tank drainage

Material
Casing : GC200 Shaft : STS304 Impeller : GC200

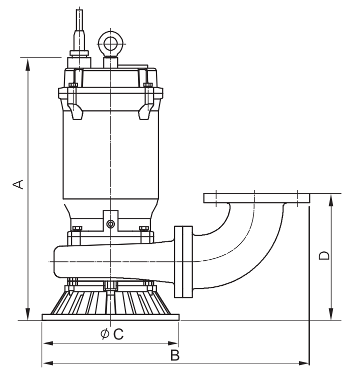
Specifications

MODEL	Output (KW)	Caliber (MM)	pump-up head (M)	capacity of pum (L/Min)	Weight (kg)
GSBS0.75-2	0.75	50	12	0.16	32
GSBS1.5-2	1.5	50	15	0.25	38
GSBS2.2-3	2.2	80	20	0.3	48
GSBS3.7-3	3.7	80	20	0.5	76
GSBS5.5-3	5.5	80	25	0.6	79
GSBS7.5-4	7.5	100	30	0.8	144
GSBS11-4	11	100	35	1	164
GSBS15-4	15	100	40	1.2	172

Performance Curve



Dimension of Pump



MODEL	External Dimensions A	B	C	D
GSBS0.75-2	360	400	212	173
GSBS1.5-2	413	405	240	196
GSBS2.2-3	465	470	240	247
GSBS3.7-3	615	556	300	285
GSBS5.5-3	615	556	300	285
GSBS7.5-4	885	630	340	295
GSBS11-4	885	630	340	295
GSBS15-4	885	630	340	295

Feature

Replacement impeller used in accordance with the purpose(high lift/low lift)
Maximizing System as a master carpenter structure to a cooling effect
Perfect waterproof effect by the use of a double mechanical seal structure
Achieve economical power consumption by
improving the efciency of the pump

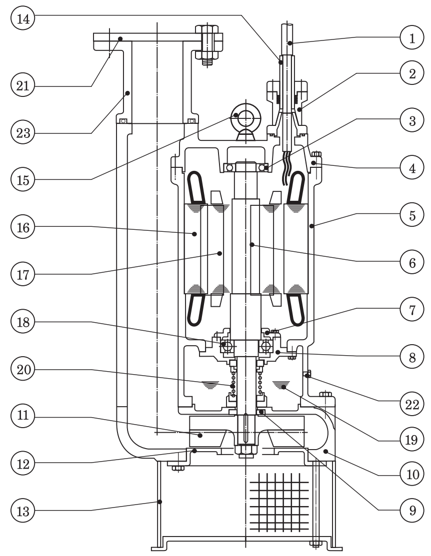
Application

Civil / drainage of construction
Drainage of the subway construction site
Water Supply Corporation and eld general drainage
of various construction
Class drainage tunnel construction


Specifications

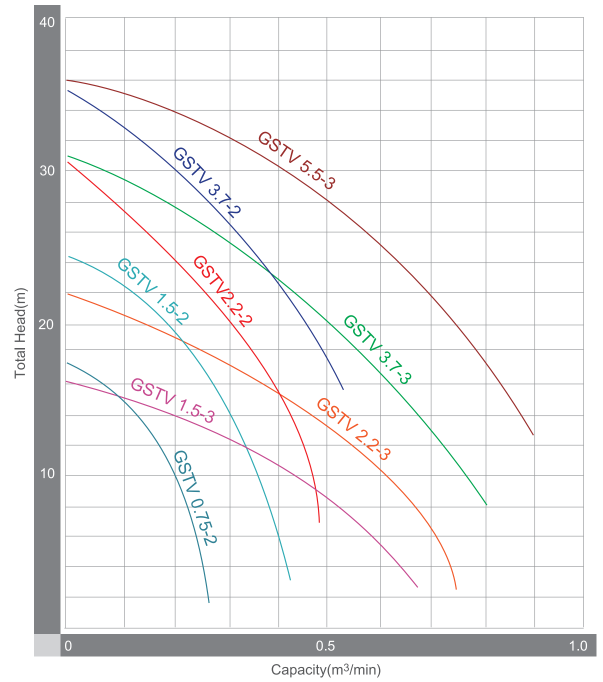
MODEL	Power (KW)	Size (MM)	Head (M)	Capacity (L/Min)	Weight (kg)
GSTV 0.75-2	0.75	50	12	0.16	35
GSTV 1.5-2	1.5	50	16.5	0.25	49
GSTV 2.2-2	2.2	50	20	0.3	54
GSTV 3.7-2	3.7	50	30	0.2	78
GSTV 1.5-3	1.5	80	8	0.5	49
GSTV 2.2-3	2.2	80	10	0.6	54
GSTV 3.7-3	3.7	80	20	0.5	78
GSTV 5.5-3	5.5	80	25	0.6	85
GSTV 3.7-4	3.7	100	10	1.0	78
GSTV 5.5-4	5.5	100	15	1.0	85
GSTV 7.5-4	7.5	100	30	0.8	128
GSTV 11-4	11	100	35	1.0	171
GSTV 15-4	15	100	40	1.2	177
GSTV 7.5-6	7.5	150	15	1.6	132
GSTV 11-6	11	150	20	1.7	173
GSTV 15-6	15	150	20	2.5	182

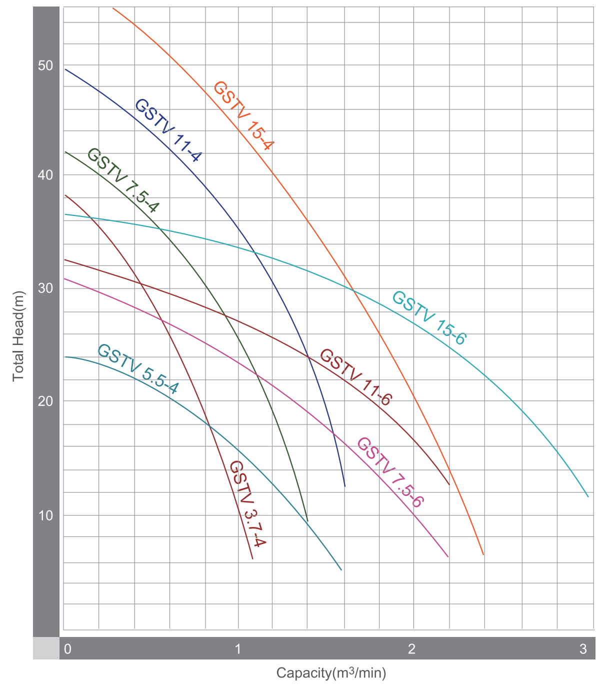
Sectional Drawing



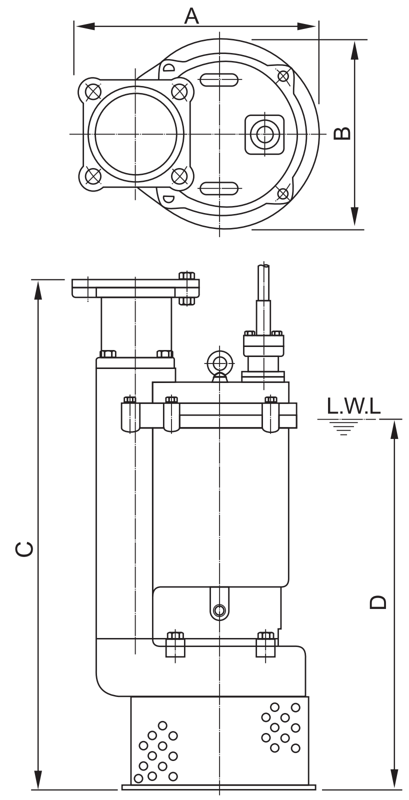
No	Part Name
1	Cable
2	Stuffing Box
3	Upper Bearing
4	Motor Bracket
5	Motor Frame
6	Motor Shaft
7	Bearing Cover
8	Bearing Housing
9	Oil Seal
10	Pump Casing
11	Impeller
12	Suction Cover
13	Stand
14	Protected
15	Eye Bolt
16	Stator
17	Rotor
18	Lower Bearing
19	Oil
20	Mechanical Seal
21	Counter Flange
22	Oil Drain Bolt
23	Discharge Flange

Performance Curves





Dimension of Pump



MODEL	A	B	C	D
GSTV 0.75-2	190	180	440	300
GSTV 1.5-2	250	200	500	350
GSTV 2.2-2	250	200	525	350
GSTV 3.7-2	295	245	645	410
GSTV 1.5-3	265	200	515	350
GSTV 2.2-3	265	200	540	350
GSTV 3.7-3	310	245	650	500
GSTV 5.5-3	310	255	675	500
GSTV 3.7-4	325	245	665	500
GSTV 5.5-4	325	255	690	500
GSTV 7.5-4	350	305	830	570
GSTV 11-4	370	320	875	600
GSTV 15-4	370	320	875	600
GSTV 7.5-6	385	305	880	570
GSTV 11-6	405	320	925	600
GSTV 15-6	405	320	925	600

Modle: GSTH
GSTH
Draining pump

Feature

High efciency impeller used in high-lift
Adoption of how to transfer a maximum motor cooling effect
Maximize the use leak-proof double mechanical seal
Minimize noise and vibration of the motor
pump with a single-axis

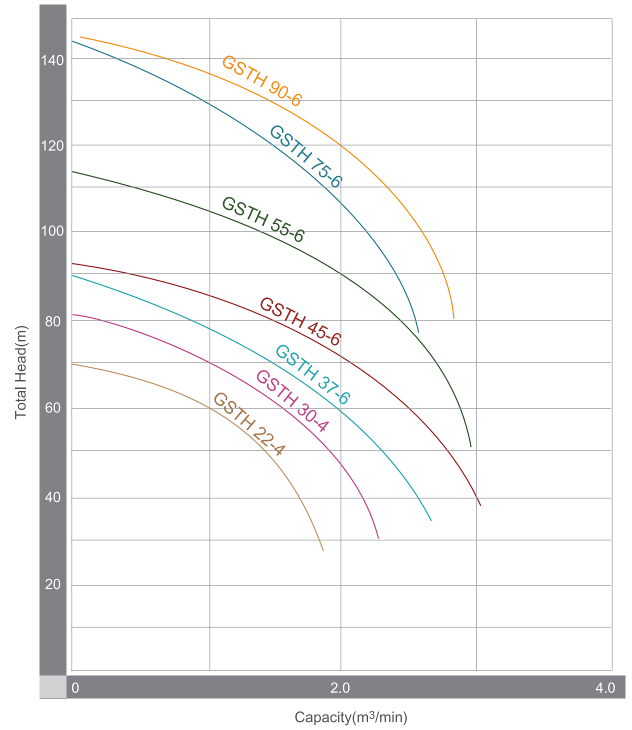
Application

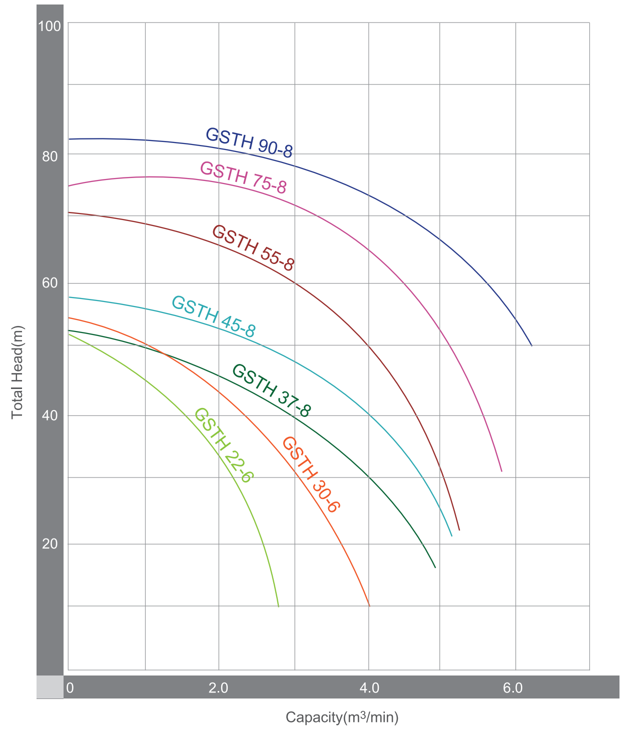
Roads, ports, drainage of the dam construction site
Shipyards, water intake and drainage of mines
Water supply and drainage of large-scale sump
Pool, golf course and distant water drainage

Material

Casing : GC200
Shaft : STS410
Impeller : GC200

Performance Curves

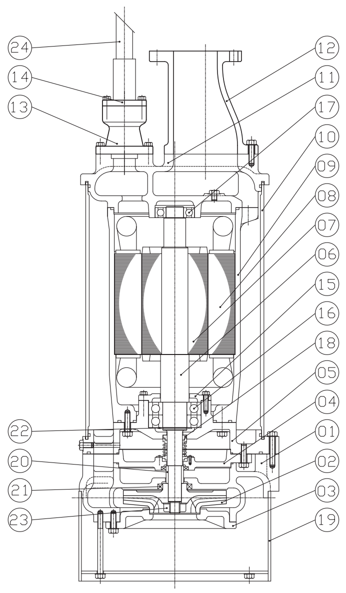




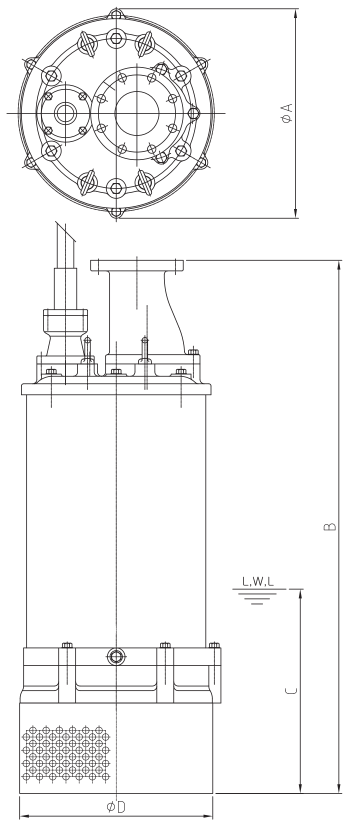
Specifications

MODEL	Power (KW)	Size (MM)	Heed (M)	Capacity (L/Min)	Weight (kg)
GSTH 22-4	22	100	60	1.0	410
GSTH 30-4	30	100	70	1.0	450
GSTH 22-6	22	150	35	2.0	420
GSTH 30-6	30	150	35	2.7	450
GSTH 37-6	37	150	60	2.0	570
GSTH 45-6	45	150	60	2.5	610
GSTH 55-6	55	150	90	2.0	860
GSTH 75-6	75	150	105	2.0	930
GSTH 90-6	90	150	120	2.0	960
GSTH 37-8	37	200	35	3.6	580
GSTH 45-8	45	200	35	4.5	620
GSTH 55-8	55	200	50	4.0	870
GSTH 75-8	75	200	60	4.5	940
GSTH 90-8	90	200	70	4.5	970

Sectional Drawing



No	Part Name
1	Casing
2	Impeller
3	S-cover
4	Seal Chamber
5	Bearing Housing
6	Shaft
7	Rotor
8	Stator
9	Frame
10	Out Casing
11	Bracket
12	Discharge Flange
13	Stuffing Box
14	Stuffing Box Gland
15	Bearing Housing Cover
16	Lower Bearing
17	Upper Bearing
18	Mechanical Seal
19	Strainer
20	Sleeve
21	Oil Seal
22	Snap Ring
23	Impeller Nut
24	Cable



Dimension of Pump

MODEL	A	B	C	D
GSTH 22-4	470	1350	270	470
GSTH 30-4	470	1350	270	470
GSTH 22-6	470	1350	270	470
GSTH 30-6	470	1350	270	470
GSTH 37-6	550	1430	300	550
GSTH 45-6	550	1430	300	550
GSTH 55-6	620	1510	360	560
GSTH 75-6	620	1510	360	560
GSTH 90-6	620	1510	360	560
GSTH 37-8	550	1430	300	550
GSTH 45-8	550	1430	300	550
GSTH 55-8	620	1510	360	560
GSTH 75-8	620	1510	360	560
GSTH 90-8	620	1510	360	560

Feature

· Transfer of wastewater by vortex effect
· Complete waterproong effect from using double -structured mechanical seal
· Applied desorption system

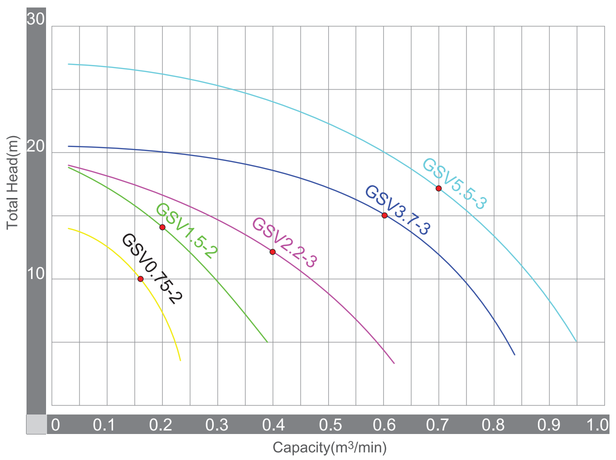
Application

· Transfer of sewage, wastewater from septic tank or sanitary equipment
· Purication plant, combined treatment plant
· Transfer of wastewater from pen

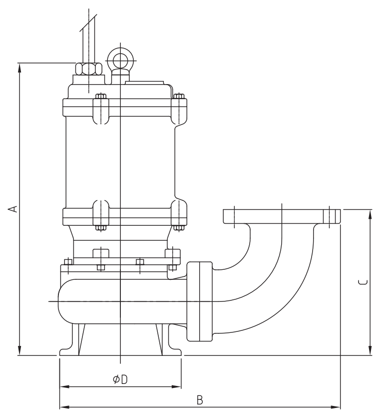
Specifications

MODEL	Output (KW)	Caliber (MM)	Pump-up head (M)	Capacity of pum(L/Min)	Weight (kg)
GSV0.75-2	0.75	50	10	0.16	30
GSV1.5-2	1.5	50	14	0.2	32
GSV2.2-3	2.2	80	12	0.4	46
GSV3.7-3	3.7	80	15	0.6	76
GSV5.5-3	5.5	80	17	0.7	79

Performance Curve



Dimension of Pump



MODEL	External Dimensions			
	A	B	C	D
GSV0.75-2	350	380	160	156
GSV1.5-2	377	380	157	170
GSV2.2-3	465	450	235	192
GSV3.7-3	644	523	292	270
GSV5.5-3	644	523	292	270

Feature

· It pulverizes strings, pieces of cloth, plastic wastes and other waste matters with an impeller made of special chromium alloyed steel and installed on it.
· Various types of blades of pulverizer are applied depending on a type of wastewater.
· You can add double pulverization functionseparately.

Application

· Transfer of wastewater by livestock sludge frompurication facilities
· Used to transfer wastewater from residential area to sewage treatment plant

Material

· Casing : GC200 · Shaft : STS410 · Impeller : SSC13 · Cutter Blade : Hi-Cr

Specifications

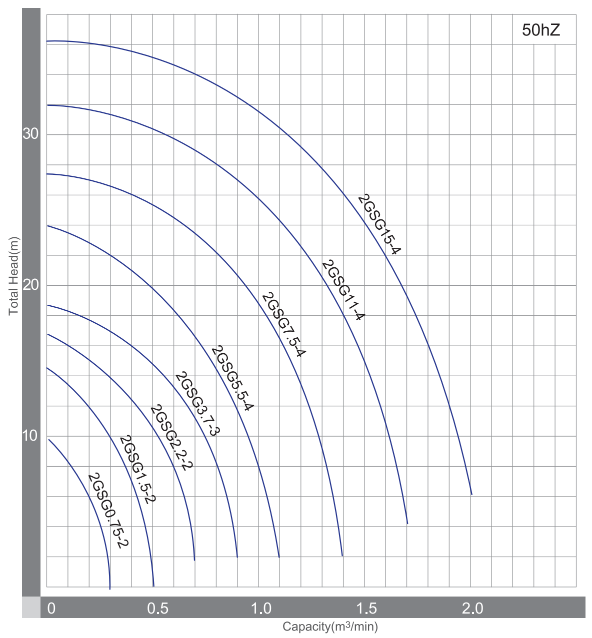
2-pole

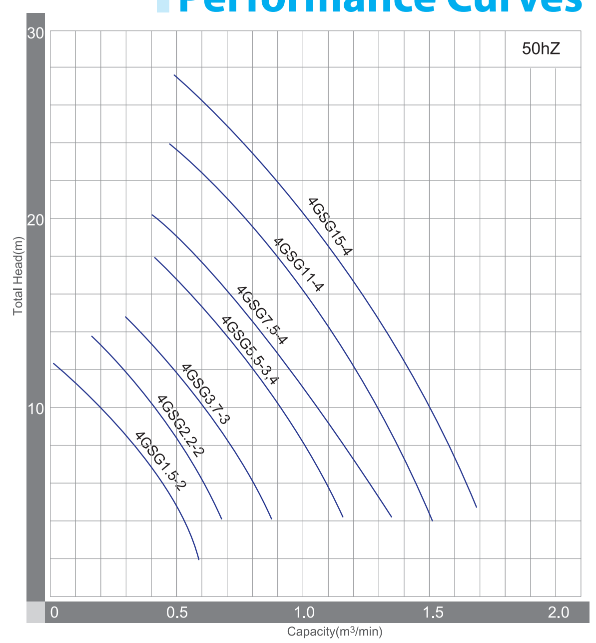
Caliber (mm)	Type (model)	Output (KW)	Number of revolution (R.P.M)	Developed head (M)	Developed head pump outputQ (m³/min)
50	2GSG0.75-2	0.75	2850	8	0.12
	2GSG1.5-2	1.5	2850	12	0.18
	2GSG2.2-2	2.2	2850	16	0.24
80	2GSG3.7-3	3.7	2850	16	0.4
80/100	2GSG5.5-3,4	5.5	2850	20	0.5
100	2GSG7.5-4	7.5	2850	24	0.65
	2GSG11-4	11	2850	28	0.8
	2GSG15-4	15	2850	32	0.96

4-pole

Caliber (mm)	Type (model)	Output (KW)	Number of revolution (R.P.M)	Developed head (M)	Developed head pump outputQ (m³/min)
50	4GSG1.5-2	1.5	1450	7	0.4
	4GSG2.2-2	2.2	1450	8	0.5
80	4GSG3.7-3	3.7	1450	10	0.6
80/100	4GSG5.5-3,4	5.5	1450	11	0.8
100	4GSG7.5-4	7.5	1450	14	0.8
100	4GSG11-4	11	1450	16	1
	4GSG15-4	15	1450	20	1

Performance Curves





Modle: GSSB
GSSB
Sewage pump

Feature

- · Automatic detachment device usability of maintenance to the possible structure
- · Employing multi-pole electric motor, according to Flow rate
- · Use a variety of motor poles (4p ~ 8p)

Application

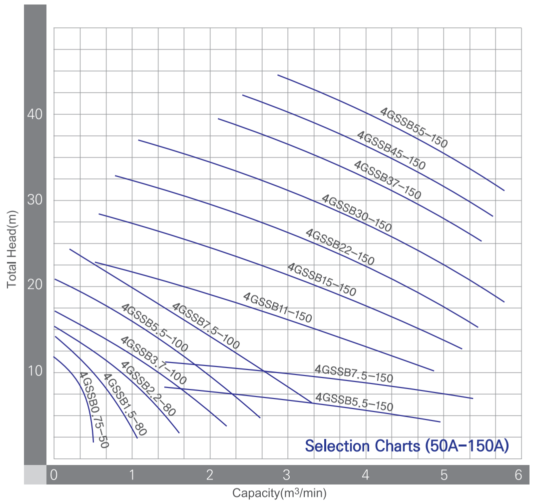
- · Industrial water supply of industrial plants
- · Ornamental fountains and waterfalls water supply
- · Number of large-scale industrial and agricultural takes accept
- · Leachate of the underpass and ooding prevention

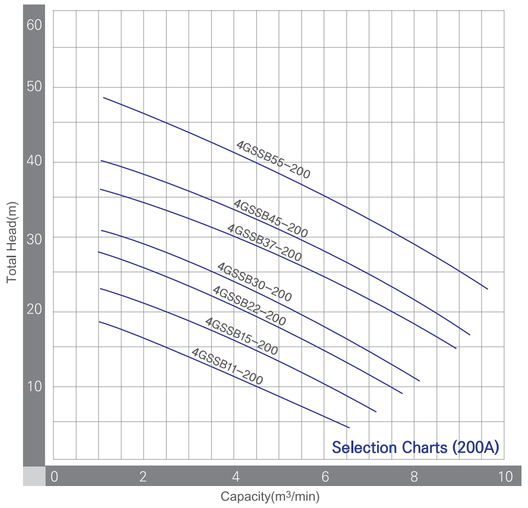
Specifications

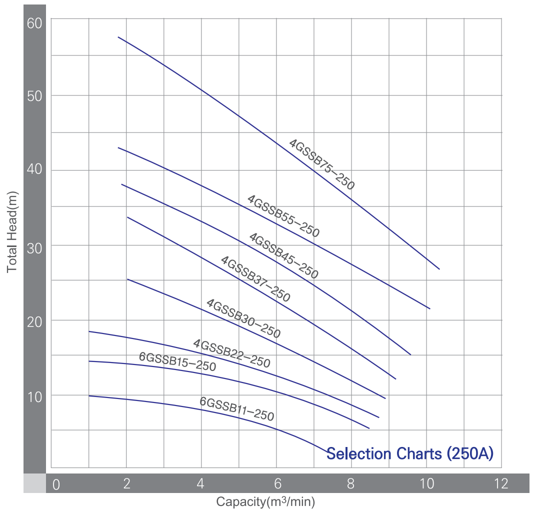
MODEL	Power (KW)	Size (MM)	Heed (M)	Capacity (L/Min)	Revolution (rpm)
4GSSB 0.75-50	0.75	50	8	0.21	1450
4GSSB 1.5-80	1.5	80	8	0.5	1450
4GSSB 2.2-80	2.2	80	10	0.6	1450
4GSSB 3.7-100	3.7	100	10	1	1450
4GSSB 5.5-100	5.5	100	14	1	1450
4GSSB 7.5-100	7.5	100	18	1	1450
4GSSB 5.5-150	5.5	150	6	2.5	1450
4GSSB 7.5-150	7.5	150	9	2.5	1450
4GSSB 11-150	11	150	15	2.5	1450
4GSSB 15-150	15	150	20	2.5	1450
4GSSB 22-150	22	150	25	2.5	1450
4GSSB 30-150	30	150	30	2.5	1450
4GSSB 37-150	37	150	33	2.9	1450
4GSSB 45-150	45	150	37	2.9	1450
4GSSB 55-150	55	150	41	2.9	1450
4GSSB 11-200	11	200	10	4.5	1450
4GSSB 15-200	15	200	14	4.5	1450
4GSSB 22-200	22	200	18	4.5	1450
4GSSB 30-200	30	200	22	4.5	1450
4GSSB 37-200	37	200	28	4.5	1450
4GSSB 45-200	45	200	32	4.5	1450
4GSSB 55-200	55	200	40	4.5	1450
6GSSB 11-250	11	250	6	7	950
6GSSB 15-250	15	250	9	7	950
4GSSB 22-250	22	250	11	7	1450
4GSSB 30-250	30	250	14	7	1450

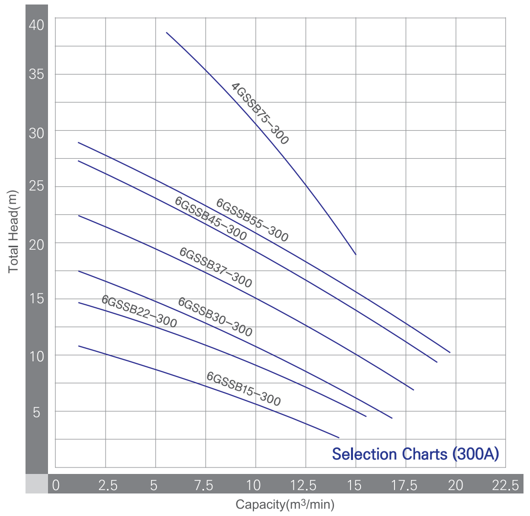
MODEL	Power (KW)	Size (MM)	Heed (M)	Capacity (L/Min)	Revolution (rpm)
4GSSB 37-250	37	250	19	7	1450
4GSSB 45-250	45	250	24	7	1450
4GSSB 55-250	55	250	30	7	1450
4GSSB 75-250	75	250	40	7	1450
6GSSB 15-300	15	300	6	10	950
6GSSB 22-300	22	300	9	10	950
6GSSB 30-300	30	300	11	10	950
6GSSB 37-300	37	300	15	10	950
6GSSB 45-300	45	300	18	10	950
6GSSB 55-300	55	300	21	10	950
4GSSB 75-300	75	300	31	10	1450
8GSSB 22-350	22	350	6	15	720
6GSSB 30-350	30	350	7.5	15	950
6GSSB 37-350	37	350	9	15	950
6GSSB 45-350	45	350	12	15	950
6GSSB 55-350	55	350	14	15	950
6GSSB 75-350	75	350	20	15	950
8GSSB 30-400	30	400	5	20	720
6GSSB 37-400	37	400	7	20	950
6GSSB 45-400	45	400	9	20	950
6GSSB 55-400	55	400	12	20	950
6GSSB 75-400	75	400	16	20	950
8GSSB 37-500	37	500	5	30	720
8GSSB 45-500	45	500	6	30	720
8GSSB 55-500	55	500	7.5	30	720
6GSSB 75-500	75	500	10	30	950

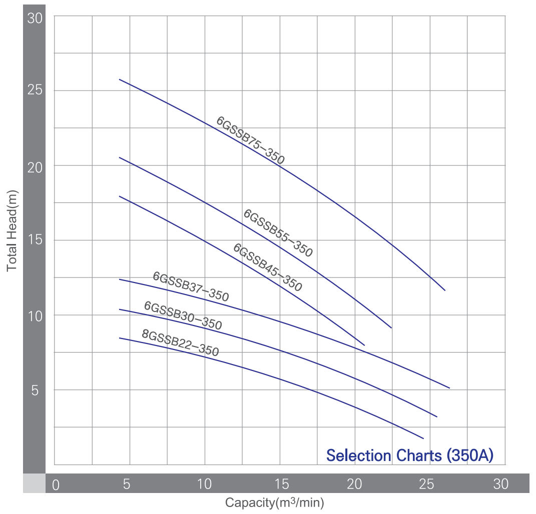
Performance Curves

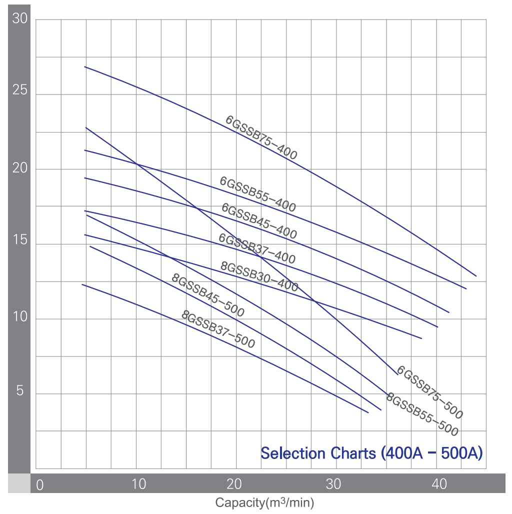












Modle: GSSA
GSSA
Sand pump

Feature

- · Using High Chrome impeller
- · Using a specially designed agitator
- · Increased motor durability, insulation class F class used

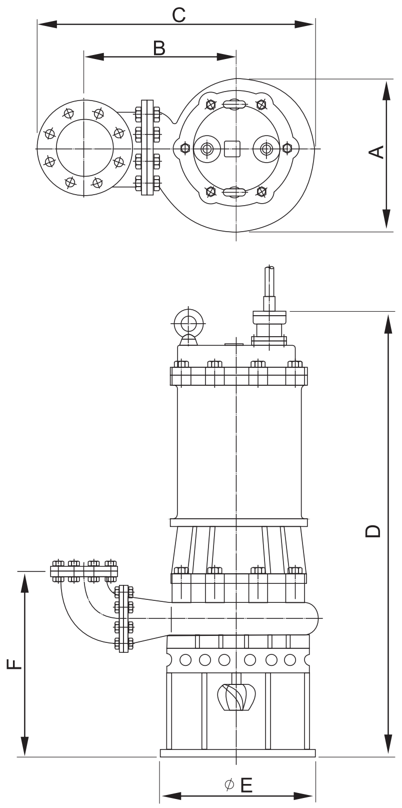
Application

- · Harbors, river dredging etc.
- · Sand transport of ready-mixed concrete plant
- · Emissions, such as silt and clay deposited

Material

- · Casing : GC200
- · Shaft : SM45C
- · Impeller : GCD450
- · D-Cover : Hi-Cr
- · Cutter Fan : Hi-Cr

Dimension of Pump

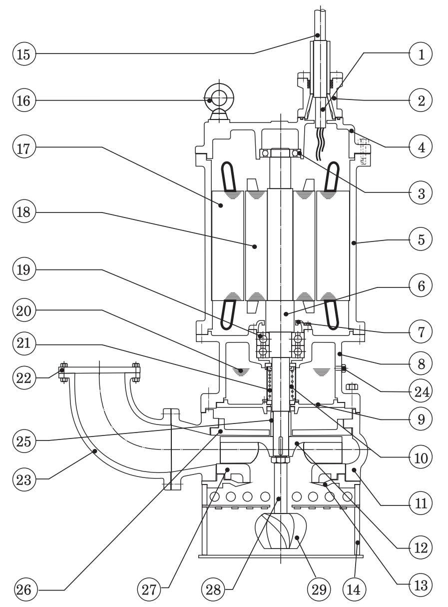


MODEL	A	B	C	D	E	F
GSSA 5.5-4	365	250	495	645	300	468
GSSA 7.5-4	365	250	495	645	300	468
GSSA 11-4	385	260	685	980	370	410
GSSA 15-4	385	260	685	955	370	415
GSSA 19-6	400	265	700	960	370	420
GSSA 22-6	650	400	920	1200	450	500
GSSA 30-6	700	300	1100	1400	550	575
GSSA 37-6	700	300	1100	1400	550	575
GSSA 45-6	700	300	1100	1400	550	575
GSSA 55-8	700	300	1100	1400	550	575
GSSA 75-8	800	350	1300	1600	550	600
GSSA 75-10	800	350	1300	1600	550	600

Specifications

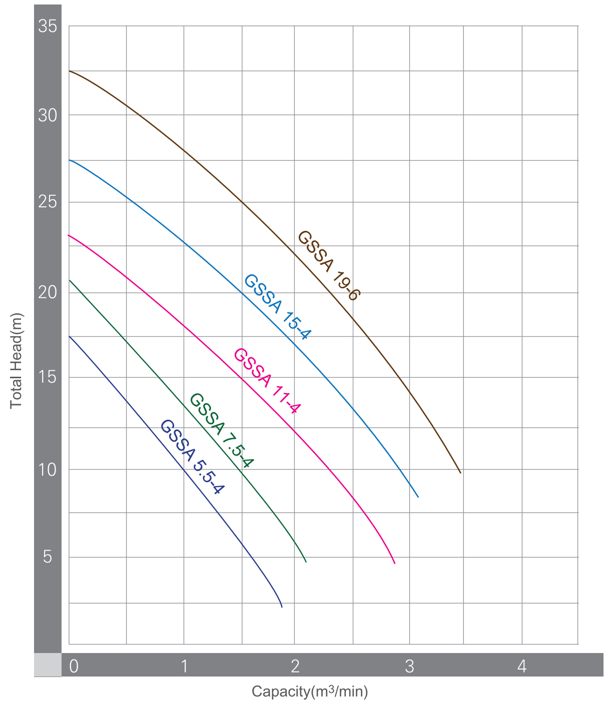
MODEL	Power (KW)	Size (MM)	Heed (M)	Capacity (L/ Min)	Weight (kg)
GSSA 5.5-4	5.5	100	10	1.0	160
GSSA 7.5-4	7.5	100	12	1.2	200
GSSA 11-4	11	100	15	1.5	250
GSSA 15-4	15	100	20	1.5	290
GSSA 19-6	19	150	25	1.5	450
GSSA 22-6	22	150	15	3.2	480
GSSA 30-6	30	150	18	3.2	510
GSSA 37-6	37	150	20	3.2	600
GSSA 45-6	45	200	15	5.0	650
GSSA 55-8	55	200	15	6.0	690
GSSA 75-8	75	200	20	8.0	950
GSSA 75-10	75	200	25	8.0	1150

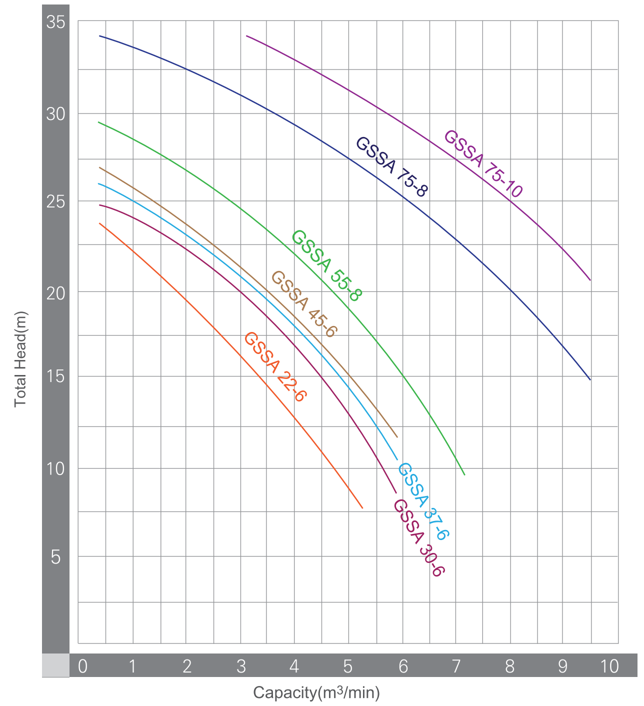
Sectional Drawing



No	Part Name
1	Cable
2	Stuffing Box
3	Upper Bearing
4	Motor Bracket
5	Motor Frame
6	Motor Shaft
7	Bearing Cover
8	Bearing Housing
9	Oil Chamber
10	Oil Seal
11	Pump Casing
12	Impeller
13	Suction Cover
14	Stand
15	Protected
16	Eye Bolt
17	Stator
18	Rotor
19	Lower Bearing
20	Oil
21	Mechanical Seal
22	Flange
23	Elbow
24	Oil Bolt
25	Sleeve
26	Impeller Disk
27	Delivery Cover
28	Connective
29	Cutter Fan

Performance Curves





GSBS-S

Modle: GSBS-S

Stainless Draining pump

Feature

· Strong abrasion resistance by stainless steel material
· Corrosion prevention by stainless steel material
· Perfect waterproof effect by the use of a double mechanical seal

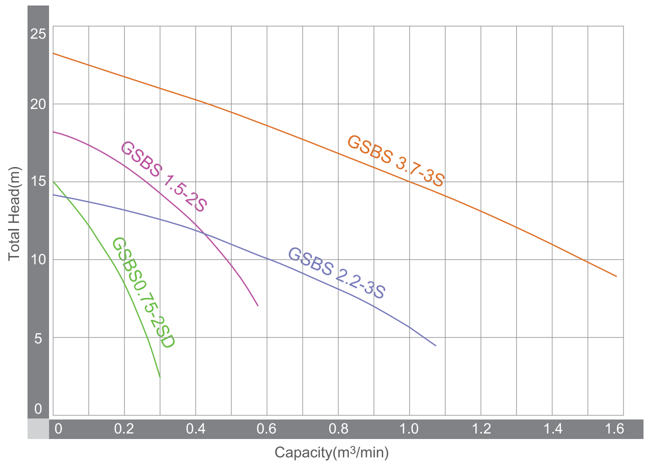
Application

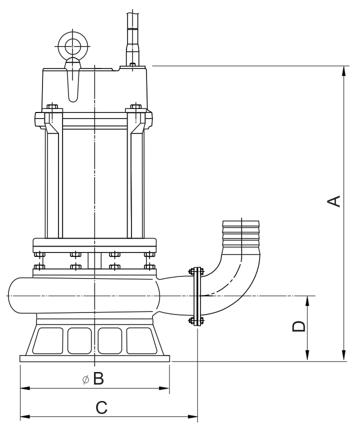
· Water supply for household & restaurant
· Water supply for fishfarm
· General water supply and draining

Specifications

MODEL	Output (KW)	Caliber (MM)	pump-up head (M)	capacity of pum (L/Mi)	Voltage (V)	Weight (kg)
GSBS0.75-2SD	0.75	50	10	0.16	220	17.2
GSBS0.75-2S	0.75	50	10	0.16	380	16.7
GSBS1.5-2S	1.5	50	12	0.25	380	19.5
GSBS2.2-3S	2.2	80	9	0.66	380	33.2
GSBS3.7-3S	3.7	80	18	0.66	380	37.5

Performance Curve





Dimension of Pump

MODEL	External Dimensions			
	A	B	C	D
GSBS0.75-2SD	350	160	187	65
GSBS0.75-2S	425	210	240	110
GSBS1.5-2S	465	210	245	110
GSBS2.2-3S	495	210	265	120
GSBS3.7-3S	550	210	265	120

GSN

Modle: GSN

Non-Clog pump

Feature

· Application of non-clog Impeller
· Minimize sludge clogging
· Perfect waterproof effect by the use of a double mechanical seal

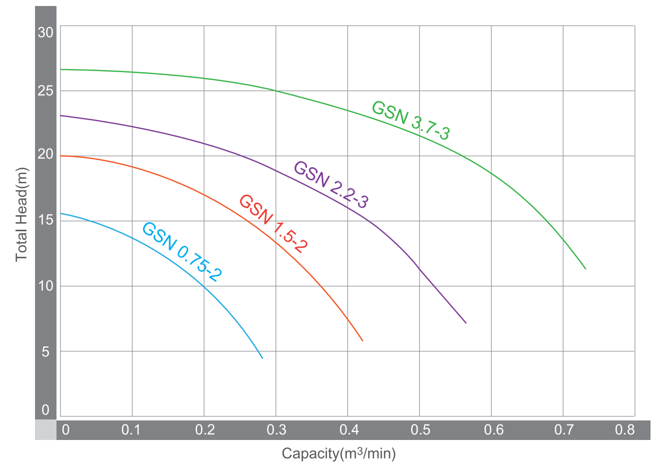
Application

· Industrial water supply of industrial plants
· Draining for building
· For waste water

Specifications

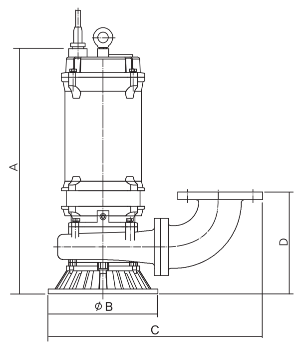
MODEL	Output (KW)	Caliber (MM)	pump-up head (M)	capacity of pum (L/Mi)	Voltage (V)	Weight (kg)
GSN 0.75-2	0.75	50	10	0.2	380	32
GSN 1.5-2	1.5	50	15	0.25	380	38
GSN 2.2-3	2.2	80	16	0.4	380	48
GSN 3.7-3	3.7	80	18	0.6	380	76

Performance Curves

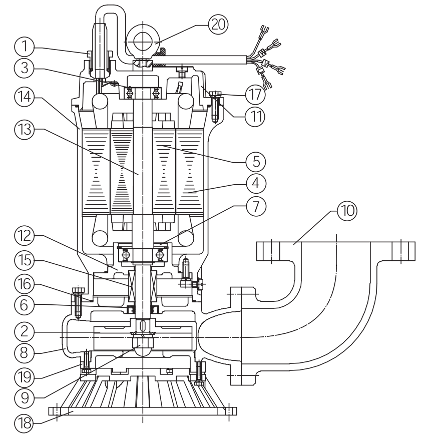


Dimension of Pump

MODEL	External Dimensions			
	A	B	C	D
GSN 0.75-2	420	210	375	170
GSN 1.5-2	490	240	420	208
GSN 2.2-3	520	240	460	232
GSN 3.7-3	650	259	542	282



Sectional Drawing



No	Part Name
1	Cable
2	Non-Clog Impeller
3	Bearing
4	Stator
5	Rotor
6	Oil Seal
7	Bearing Cover
8	Pump Casing
9	Impeller Nut
10	Discharge Elbow
11	Head Cover
12	Bearing Housing
13	Shaft
14	Frame
15	Mechanical Seal
16	O-Ring
17	6Hex Bolt
18	Eye Bolt
19	Suction Cover

GSP

Plastic pump

Feature

· Cleaning for aquarium & water tank
· Perfect waterproof effect by the use of a double mechanical seal structure

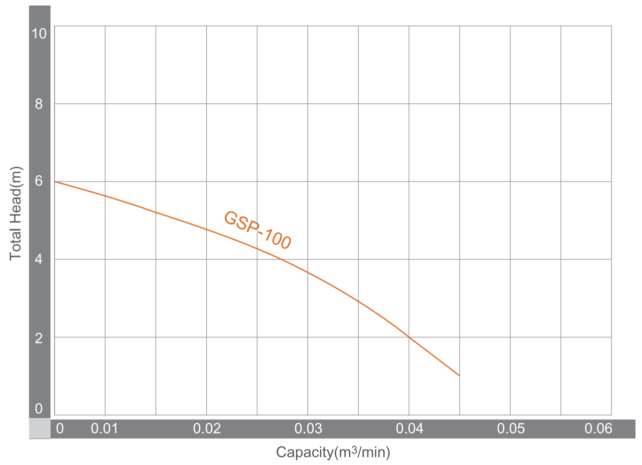
Application

· Convinient movement
· Resistant to corrosion
· Small size for narrow space
· Convinient maintenance because of easy disassembly

Specifications

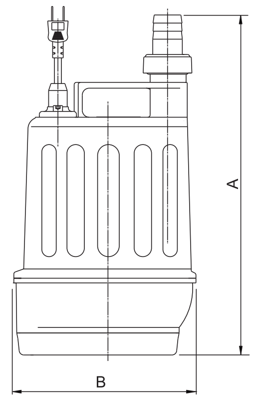
MODEL	Output (W)	Caliber (MM)	pump-up head (M)	capacity of pum (L/Mi)	Voltage (V)	Weight (kg)
GSP-100(F)	100	20	3.5	0.03	220	4.2

Performance Curves

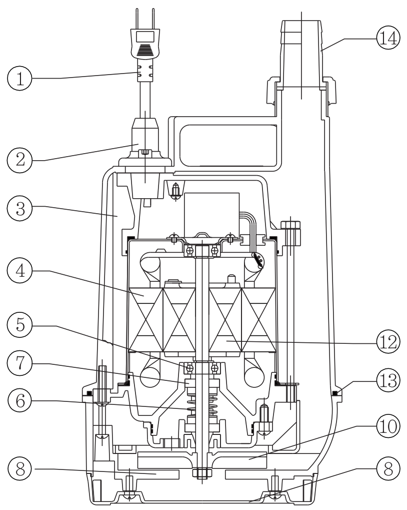


Dimension of Pump

MODEL	External Dimensions	
	A	B
GSP-100(F)	255	150



Sectional Drawing



No	Part Name
1	Cable
2	Cable Molding
3	Motor Frame
4	Stator
5	Bearing
6	Mechanical Seal
7	Oil Seal
8	Pump Casing
9	Strainer
10	Impeller
11	Oil Chamber
12	Rotor
13	O-Ring
14	Discharge Pipe

GSA

Ultralight draning pump

Feature

· Light weight with aluminum frame & head cover
· Perfect waterproof effect by the use of a double mechanical seal structure
· Motor protection device for long life span

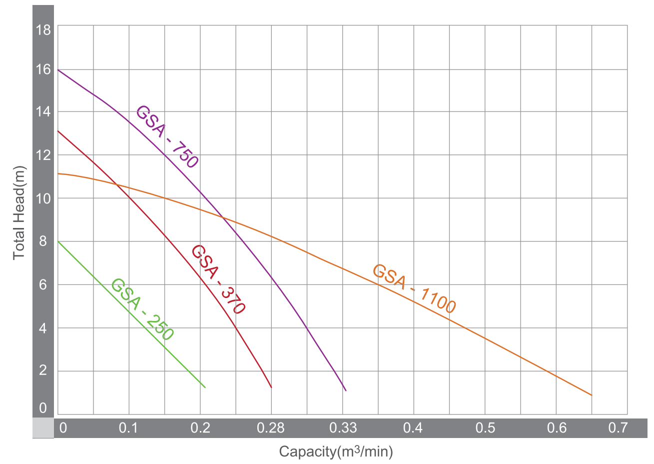
Application

· Draining for construction
· Cleaning for water tank
· Water supply for agriculture

Specifications

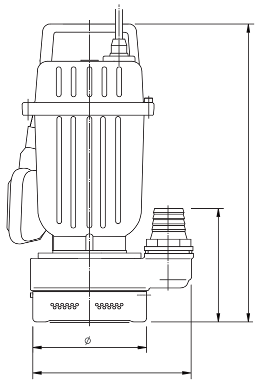
MODEL	Output (KW)	Caliber (MM)	pump-up head (M)	capacity of pum (L/Mi)	Voltage (V)	Weight (kg)
GSA-250(F)	0.25	32	5	0.1	220	7
GSA-370(F)	0.37	50	8	0.15	220	12
GSA-750(F)	0.75	50	10	0.20	220	14
GSA-1100(F)	1.1	65	7	0.30	220	20

Performance Curve

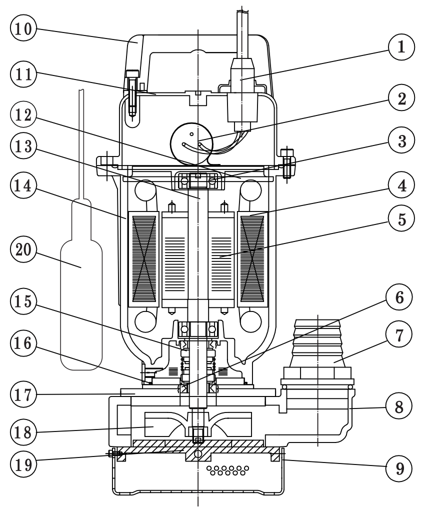


Dimension of Pump

MODEL	External Dimensions			
	A	B	C	D
GSA-250(F)	305	119	172	60
GSA-370(F)	379	168	240	103
GSA-750(F)	384	169	240	100
GSA-1100(F)	447	190	292	150



Sectional Drawing



No	Part Name
1	Cable
2	Condencer
3	Bearing
4	Stator
5	Rotor
6	Oil Seal
7	Adapter
8	Pump Casing
9	Strainer
10	Handle
11	Head Cover
12	End Bracket
13	Shaft
14	Frame
15	Mechanical Seal
16	O-Ring
17	Oil Chamber
18	Impeller
19	Suction Cover
20	Float S/W

Modle: GSC

Modle: GSV

GSC Draining pump

Feature

· Motor protection device for long life span
· Perfect waterproof effect by the use of a double mechanical seal & oil-seal
· Perfect durability with casting material

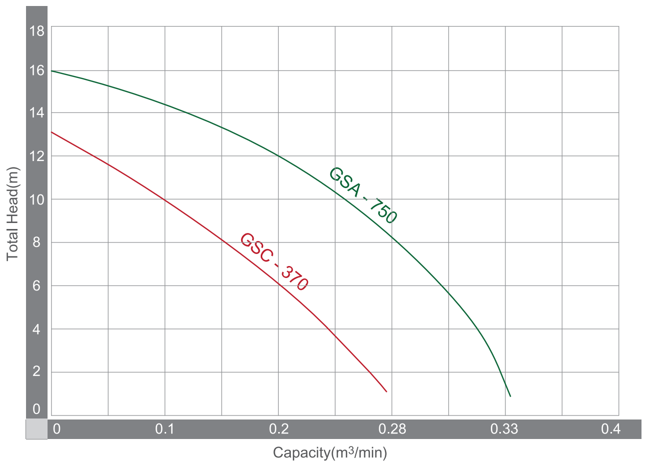
Application

· Draining for construction & industry
· Water supply for agriculture
· Draining for building

Specifications

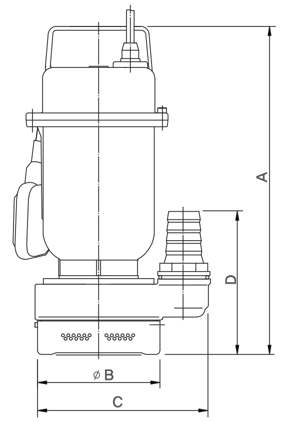
MODEL	Output (KW)	Caliber (MM)	pump-up head (M)	capacity of pum (L/Min)	Voltage (V)	Weight (kg)
GSC-370(F)	0.37	50	8	0.15	220	14
GSC-750(F)	0.75	50	10	0.25	220	18

Performance Curves

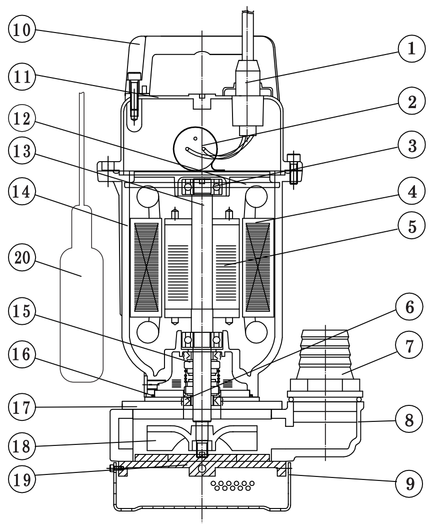


Dimension of Pump

MODEL	External Dimensions			
	A	B	C	D
GSC-370(F)	379	168	240	103
GSC-750(F)	384	169	240	100



Sectional Drawing



No	Part Name
1	Cable
2	Condencer
3	Bearing
4	Stator
5	Rotor
6	Oil Seal
7	Adapter
8	Pump Casing
9	Strainer
10	Handle
11	Head Cover
12	End Bracket
13	Shaft
14	Frame
15	Mechanical Seal
16	O-Ring
17	Oil Chamber
18	Impeller
19	Suction Cover
20	Float S/W

GSV Single-phase Vortex pump

Feature

· Vortex type impeller reduces the chances of clogging
· Perfect waterproof effect by the use of a double mechanical seal & oil-seal
· Perfect durability with 100% casting material
· Automatic drainage treatment with float device

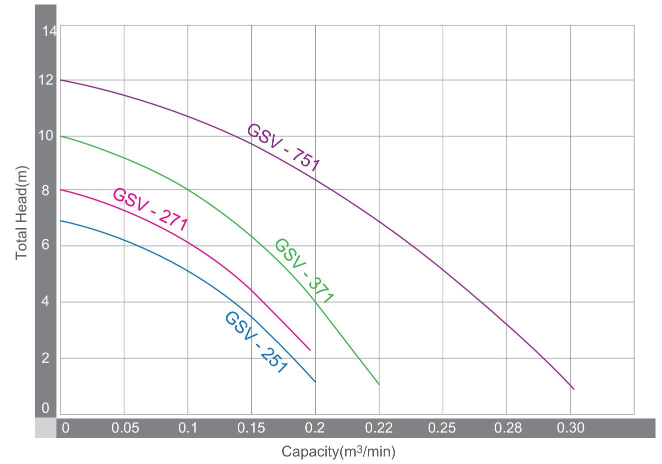
Application

· Residential, commercial and industrial sewage and effluent
· Industrial drainage when pumpage contails solid or stringy matarials
· Draining for wastewater

Specifications

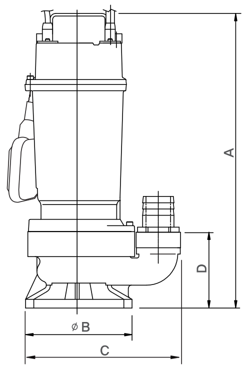
MODEL	Output (KW)	Caliber (MM)	pump-up head (M)	capacity of pum (L/Mi)	Voltage (V)	Weight (kg)
GSV-251(F)	0.25	32	5	0.1	220	7
GSV-271(F)	0.27	32	6	0.12	220	10
GSV-371(F)	0.37	50	7	0.13	220	14
GSV-751(F)	0.75	50	8	0.2	220	18

Performance Curve

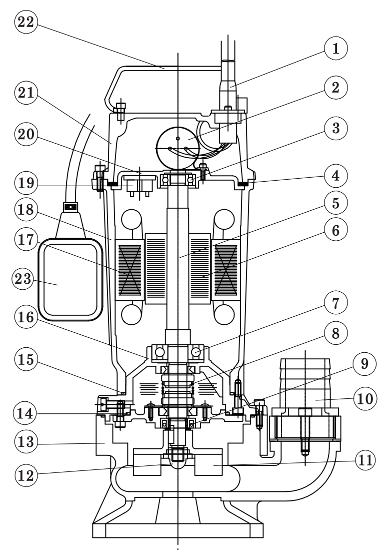


Dimension of Pump

MODEL	External Dimensions			
	A	B	C	D
GSV-251(F)	297	117	165	60
GSV-271(F)	356	140	210	89
GSV-371(F)	397	170	240	129
GSV-751(F)	432	170	270	129



Sectional Drawing



No	Part Name
1	Cable
2	Condencer
3	Bearing
4	Head Packing
5	Shaft
6	Rotor
7	Bearing
8	Mechanical Seal
9	Shaft Brushing
10	Adapter
11	Impeller
12	Cap Nut
13	Pump Casing
14	O-Ring
15	O-Ring
16	Oil Cahmber
17	Stator
18	Motor Frame
19	Thermal Protector
20	End Bracket
21	Head Cover
22	Handle
23	Float S/W

GSC

Modle: GSC

Single-phase high-capacity pump

Feature

· Large flow with single phase motor(1.5KW & 2.2KW).
· Perfect waterproof effect by the use of a double mechanical seal
· Built-in temperature protection device

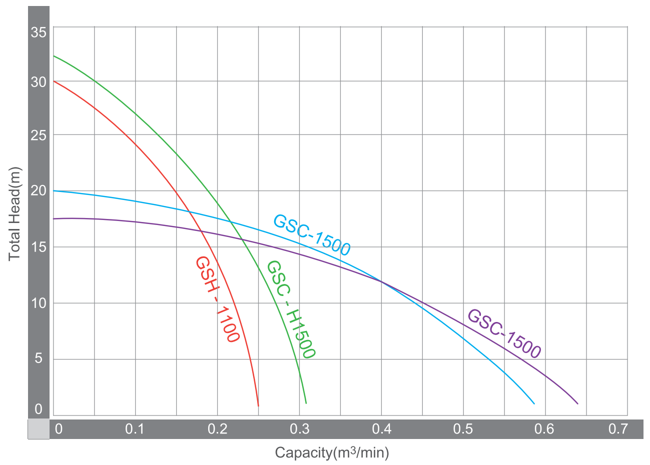
Application

· Draining for construction
· Cleaning for water tank
· Draining for fish farm

Specifications

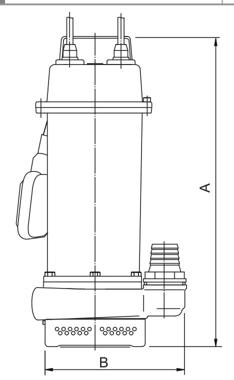
MODEL	Output (KW)	Caliber (MM)	pump-up head (M)	capacity of pum (L/Mi)	Voltage (V)	Weight (kg)
GSH-1100(F)	1.1	50	20	0.15	220	20
GSC-1500(F)	1.5	80	15	0.33	220	24
GSC-H1500(F)	1.5	50	19	0.20	220	20
GSC-2200(F)	2.2	60	13	0.33	220	32

Performance Curves

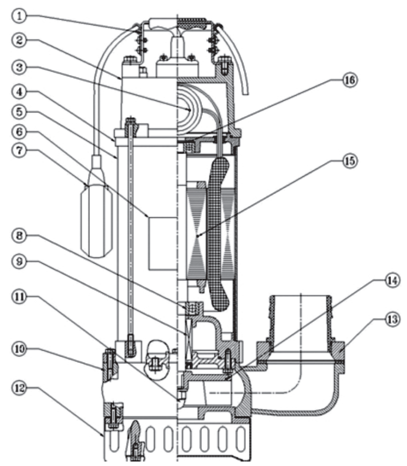


Dimension of Pump

MODEL	External Dimensions	
	A	B
GSH-1100(F)	440	235
GSC-1500(F)	475	315
GSC-H1500(F)	455	270
GSC-2200(F)	585	350



Sectional Drawing



No	Part Name
1	Cable
2	Condencer
3	Bearing
4	Stator
5	Rotor
6	Oil Seal
7	Adapter
8	Pump Casing
9	Strainer
10	Handle
11	Head Cover
12	End Bracket
13	Shaft
14	Frame
15	Mechanical Seal
16	O-Ring
17	Oil Chamber
18	Impeller
19	Suction Cover
20	Float S/W

GSS -N,C

Modle: GSS-N,C

Single-phase cutter&non_clog pump

Feature

· Apply a crushing blade of a variety if forms, depending on sewage crushing
· Transported by crushing the cloth, vinyl and more
· It is possible to add a double crushing fuction separately

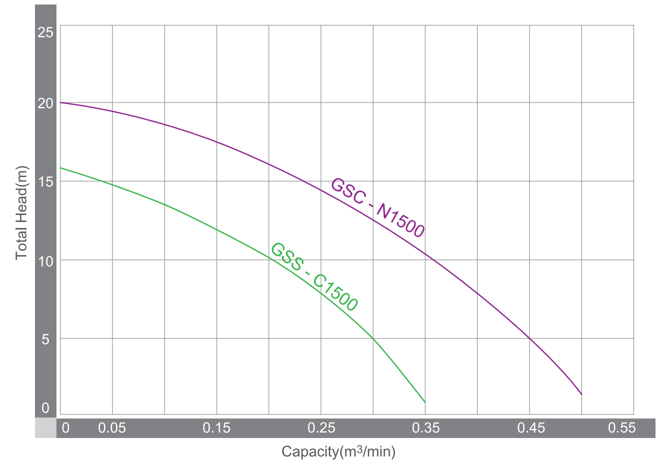
Application

· Transfer of wastewater by livestock sludge from purification facilities
· Residential, commercial and industrial sewage and effluent
· Sewage treatment plant

Specifications

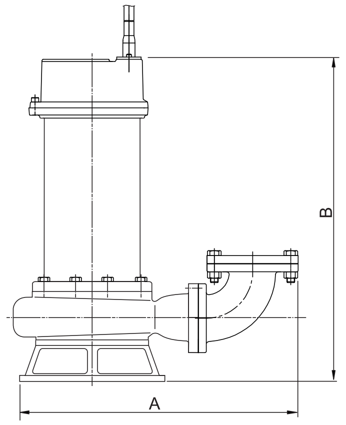
MODEL	Output (KW)	Caliber (MM)	pump-up head (M)	capacity of pum (L/Mi)	Voltage (V)	Weight (kg)
GSS-C1500(F)	1.5	50	10	0.2	220	32
GSC-H1500(F)	1.5	50	13	0.3	220	32

Performance Curve

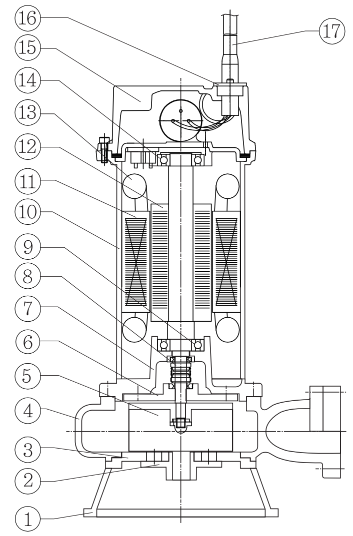


Dimension of Pump

MODEL	External Dimensions	
	A	B
GSS-C1500(F)	520	433
GSC-N1500(F)	520	433



Sectional Drawing



No	Part Name
1	Cable
2	Cutter
3	Suction Cover
4	Pump Casing
5	Impeller
6	Oil Chamber Cover
7	Oil chamber
8	Mechanical Seal
9	Bearing
10	Motor Frame
11	Stator
12	Rotor
13	Coil
14	Bearing
15	Motor Cover
16	Head Cover
17	Cable

GM PUMP

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