

Type: GS1500

1¼" Grinder pump - 230V



Performance

Liquid	Waste water
Capacity	150 l/min (9 m3/h)
Delivery head	25m

Technical details

Delivery connection	1¼" female thread
Nett Weight	35 kg
Gross Weight	36 kg
Dimensions	565 x 180 x 315mm

Motor

Absorbed Power (P1)	1.5kW
Rated Power (P2)	1kW
Nominal current	9.9A
Protection class	IP68
Power cable	10m H07-RNF
Voltage / phase / Hz:	230V / 1-Phase / 50Hz
Motor protection	Thermal

230V / 50Hz
Grinder pump

Usage:

- Sewage
- Waste water
- Farm residue

Materials

Motorcasing	SUS 316
Shaft seal	SIC / CC
Impeller	Cast Iron
Shaft Material	SUS 316
Pump casing	Cast Iron

Additional information

Max submerged depth	20m
Max. Liquid temp	40 °C
pH Liquid	6 - 8
Float options	• Floatswitch

Unique Properties

The GS series of pumps are heavy duty sewage pumps with a grinder below the impeller. Constructed with dual mechanical seals in a large oil chamber. Durable SIC / SIC seals employed at impeller side and C/C seal at motor side.

The high pressure performance of the GS grinder pump, makes this series particularly suitable for pumping sewage over long distances or into pressurised sewage systems.



Type: GS1200

1¼" Grinder pump - 230V



Performance

Liquid	Waste water
Capacity	120 l/min (7,2 m3/h)
Delivery head	20m

Technical details

Delivery connection	1¼" female thread
Nett Weight	31 kg
Gross Weight	32 kg
Dimensions	510 x 170 x 310mm

Motor

Absorbed Power (P1)	1.2kW
Rated Power (P2)	0.75kW
Nominal current	6.8A
Protection class	IP68
Power cable	10m H07-RNF
Voltage / phase / Hz:	230V / 1-Phase / 50Hz
Motor protection	Thermal

230V / 50Hz

Grinder pump

Usage:

- Sewage
- Waste water
- Farm residue

Materials

Motorcasing	SUS 316
Shaft seal	SIC / CC
Impeller	Cast Iron
Shaft Material	SUS 316
Pump casing	Cast Iron

Additional information

Max submerged depth	20m
Max. Liquid temp	40 °C
pH Liquid	6 - 8
Float options	• Floatswitch

Unique Properties

The GS series of pumps are heavy duty sewage pumps with a grinder below the impeller. Constructed with dual mechanical seals in a large oil chamber. Durable SIC / SIC seals employed at impeller side and C/C seal at motor side.

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JS PUMP

GST12(GS1200)/GST15(GS1500)/GST22/GST37 (1.2 ~ 3.7KW)

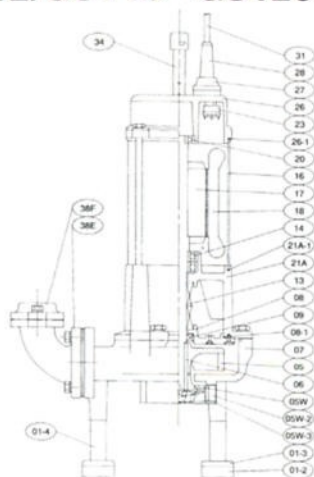


□ Application

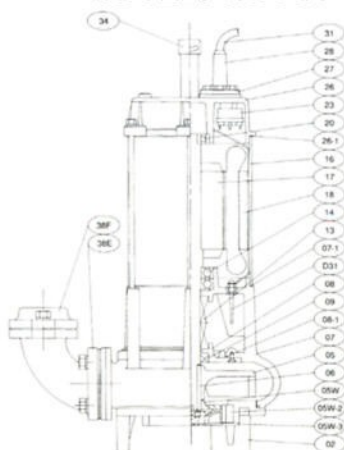
- AVAILABLE FREE STANDING OR GUIDE RAIL MOUNTED FOR FIXED INSTALLATION.
- DOMESTIC AND INDUSTRIAL APPLICATIONS WHERE EITHER HIGH HEADS OR LONG DISTANCES PROHIBIT THE USE OF STANDARD SUBMERSIBLE PUMPS OR LARGE BORE DISCHARGE PIPE IS NOT AVAILABLE OR ECONOMIC TO INSTALL.
- FOR PROCESS WORKS TO COPE WITH WASTE WATER WITH ORGANIC SOLIDS.
- FOR EFFICIENT DISPOSAL OF SEWAGE AND FARM WASTE TO EITHER MAINS SEWERS OR TO ON SITE TREATMENT WORKS FOR PROCESSING.
- PACKAGE SEWAGE STATIONS AND PORTABLE SEWAGE PUMPING.
- MOST NUISANCE WATER DRAINAGE IF ORGANIC SOLIDS ARE PRESENT.
- GST12(GS1200), GST15(GS1500) WITHOUT SENSOR

□ Construction

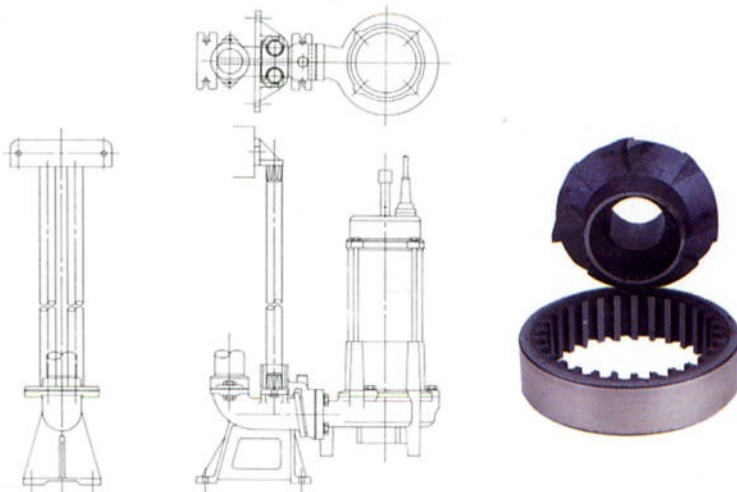
GST12/GST15 GS1200/GS1500



GST22/GST37

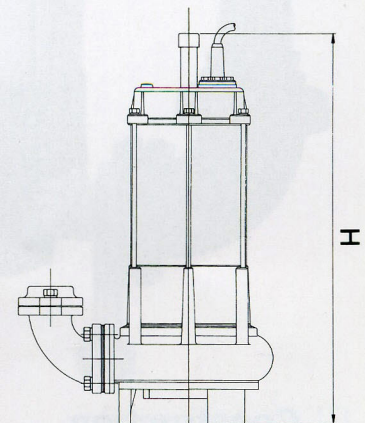
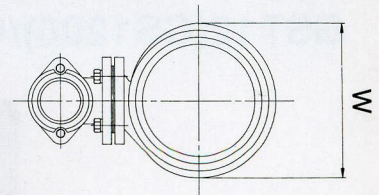
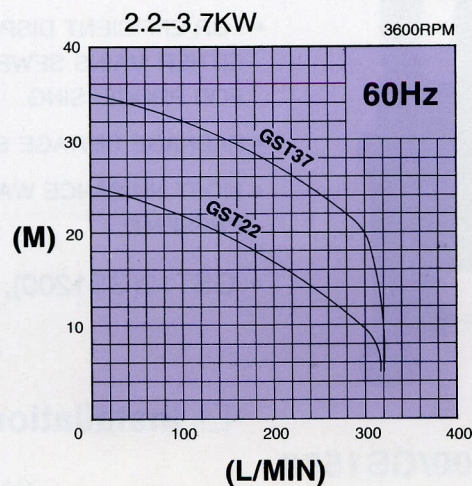
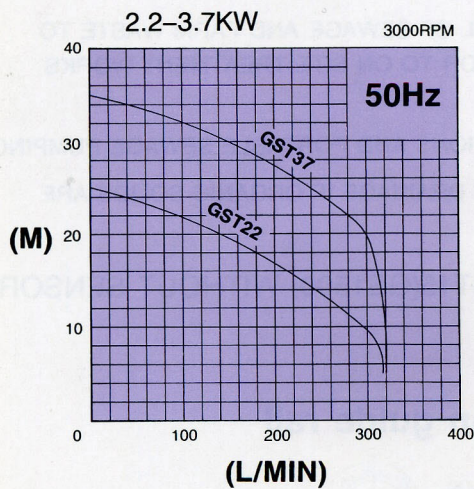
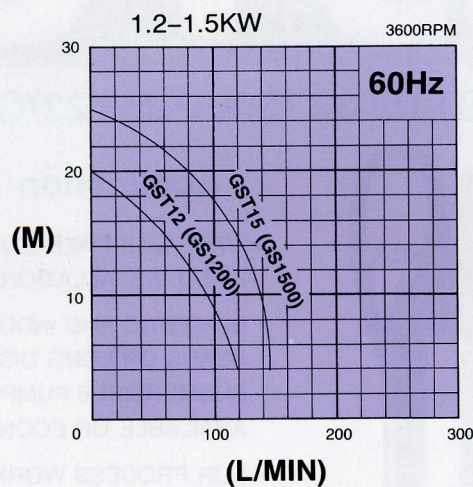
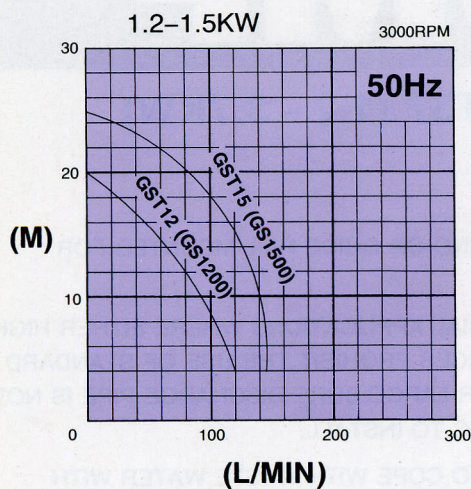


□ Installation on guide rail



NO.	DESCRIPTION	MATERIAL	NO.	DESCRIPTION	MATERIAL
01-2	CUSHION	NBR	17	ROTOR	SUS 304
01-3	COVER	SUS 304	18	STATOR	H23
01-4	CANNULA	SUS 304	20	BEARING (UPPER)	
05	IMPELLER	FC 200	21A	MOTOR BOTTOM COVER	FC 200
05W	SHREDDING	HICRFC	21A-1	GASKET	NBR
05W-2	GRINDING	HICRFC	23	OVERLOAD PROTECTOR	
05W-3	COVER	FC 200	26	UPPER COVER	FC 200
06	KEY	SUS 304	26-1	GASKET	NBR
07	PUMP HOUSING	FC 200	27	CABLE GLAND	PC/SUS
08	OIL CHAMBER	FC 200	28	RUBBER SLEEVE	NBR
08-1	GASKET	NBR	31	CABLE	PVC
09	LIP SEAL	NBR	34	HANDLE	SUS 304
13	MECHANICAL	SIC/CAR	38E	OUTLET	FC 200
14	BEARING (LOWER)		38F	OUTLET	FC 200
16	MOTOR CASE	SUS 304	D31	SENSOR	CU

Performance Curves



Specifications

Pump type	Output H.P.	Discharge [inch]/[mm]	Voltage 50Hz or 60Hz	Continuous		Weight kg	Dimension[mm]	
				Head m	Capacity L/min		H	W
GS1200	1.6	1 1/4" [32]	1 phase 110-220V	15	60	31	460	180
GS1500	2			21	60	34	470	180
GST12	1.6		3 phase 220-460V	15	60	31	450	180
GST15	2			21	60	34	460	180
GST22	3	2" [50]	3 phase 220-460V	20	120	49	520	240
GST37	5	[50]		30	120	52	530	240