

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



Application

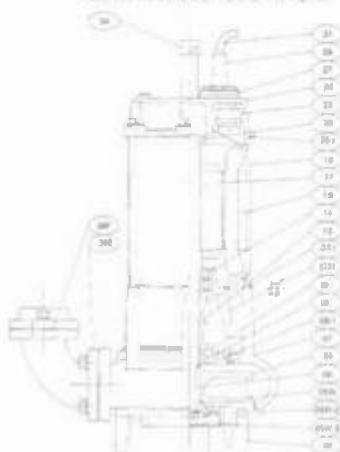
- AVAILABLE FREE STANDING OR GUIDE RAIL MOUNTED FOR FIXED INSTALLATION.
- DOMESTIC AND INDUSTRIAL APPLICATIONS WHERE EITHER HIGH HEADS OR LONG DISTANCES PROHIBIT THE USE OF STANDARD SUBMERSIBLE PUMPS OR LARGE BORE DISCHARGE PIPE IS NOT AVAILABLE OR ECONOMIC TO INSTALL.
- FOR PROCESS WORKS TO COPE WITH 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

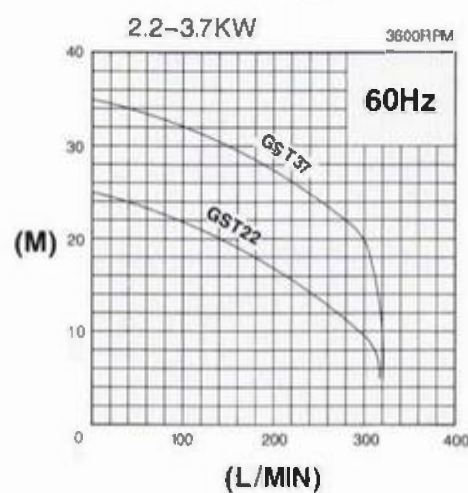
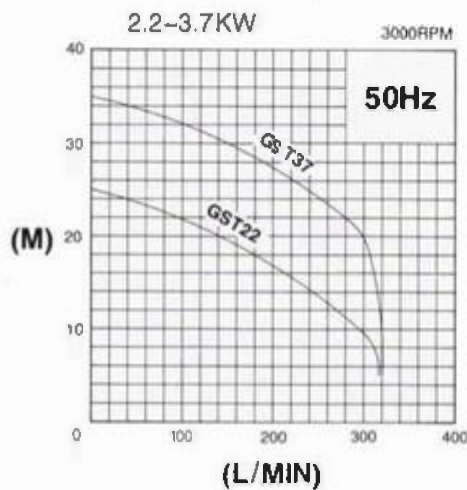
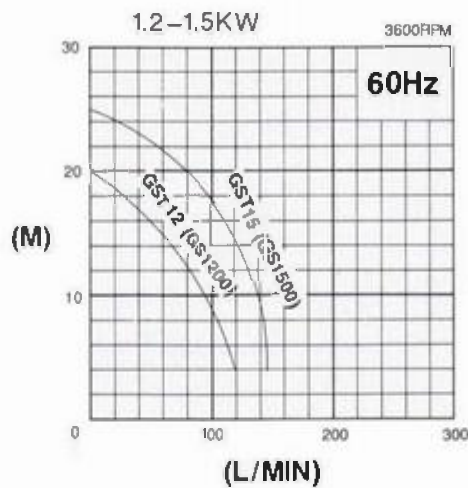
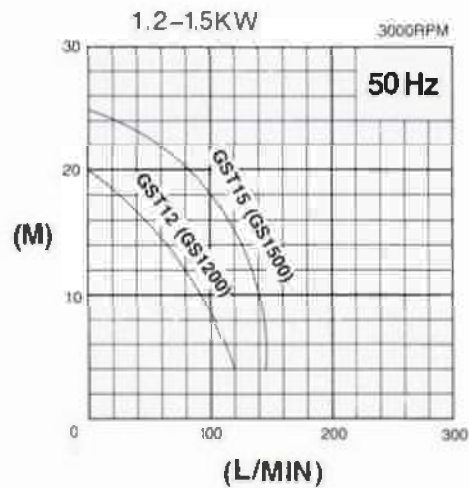


Installation on guide rail

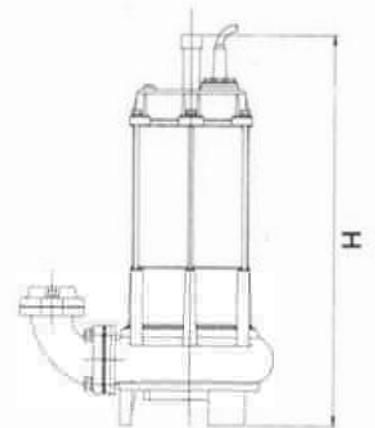
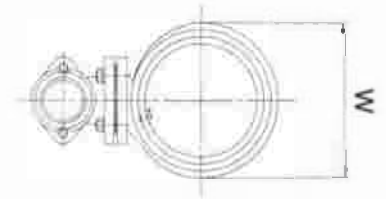


NO.	DESCRIPTION	MATERIAL	NO.	DESCRIPTION	MATERIAL
01-2	CUSHION	NBR	17	ROTOR	SUS 304
01-3	COVER	SUS 304	18	STATOR	H23
01-4	CANNULA	SUS 304	20	BEARING (UPPER)	
05	IMPELLER	FC 200	21A	MOTOR BOTTOM COVER	FC 200
05W	SHREDDING	HICRFC	21A-1	GASKET	NBR
05W-2	GRINDING	HICRFC	23	OVERLOAD PROTECTOR	
05W-3	COVER	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



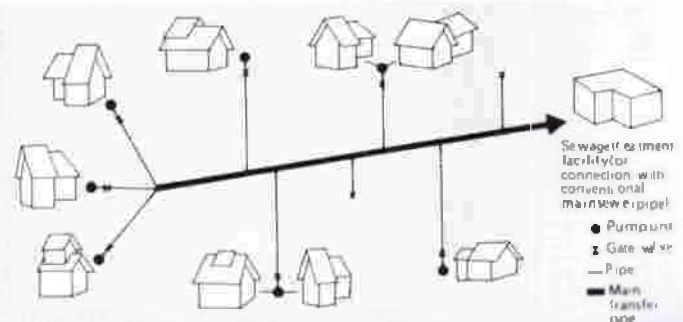
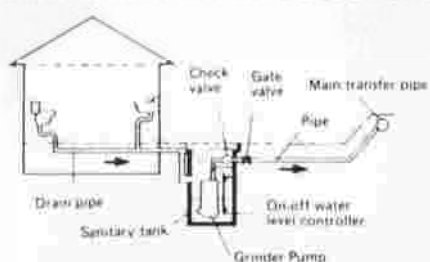
Dimensions



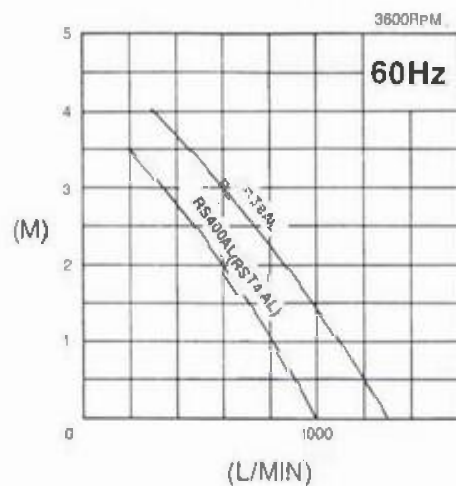
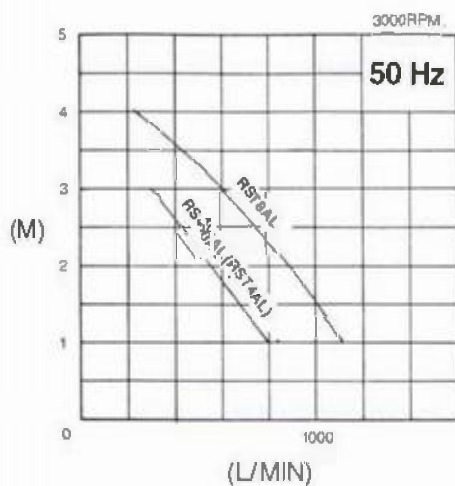
Specifications

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	15	60	31	460	180	
GS1500	2		110-220V	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]			20	120	49	520	240
GST37	5				30	120	52	530	240

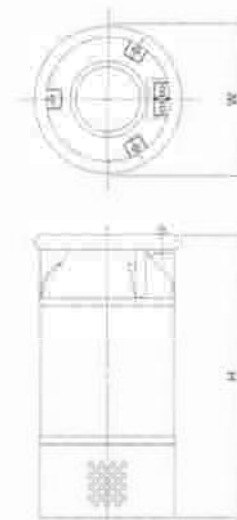
Typical Application of Grinder Pump System



Performance Curves



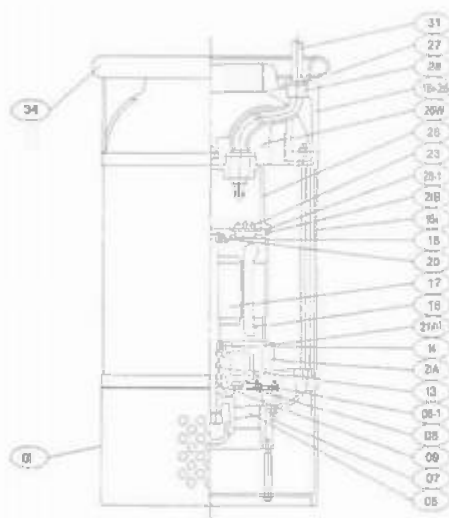
Dimensions



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
RS400-AL	0.5	4"/100	1 phase/110-220V	1.5	700	18	475	250
RST4-AL	0.5		3 phase 220-460V	1.5	700	18	475	250
RST8-AL	1			1.5	1000	19	475	250

Construction



NO.	DESCRIPTION	MATERIAL	NO.	DESCRIPTION	MATERIAL
01	STRAINER	SUS 304	20	BEARING (UPPER)	
05	IMPELLER	FC/SUS	21A	MOTOR BOTTOM COVER	FC 200
07	PUMP HOUSING	SUS 304	21A-1	GASKET	NBR
08	OIL CHAMBER	FC 200	21B	MOTOR UPPER COVER	FC 200
08-1	GASKET	NBR	23	OVERLOAD PROTECTOR	
09	LP SEAL	NBR	26	UPPERCOVER	FC 200
13	MECHANICAL	SIC/CAR	26-1	GASKET	NBR
14	BEARING (LOWER)		26W	UPPER COVER	FC 200
16	MOTOR CASE	SUS 304	27	CABLE GLAND	SUS 304
16i	OUTER PUMP CASE	SUS 304	28	PLASTIC SLEEVE	NBR
16i-26	UPPER COVER	SUS 304	31	CABLE	PVC
17	ROTOR	SUS 304	34	HANDLE	SUS 304
18	STATOR	SUS 304			

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