



Technical Data

Intelligent VSD Booster Pump - GRUC 1100

Revision no.

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Receiver

From

Company name
Respons. Department
Person in charge
Phone number
Fax no
E-mail address

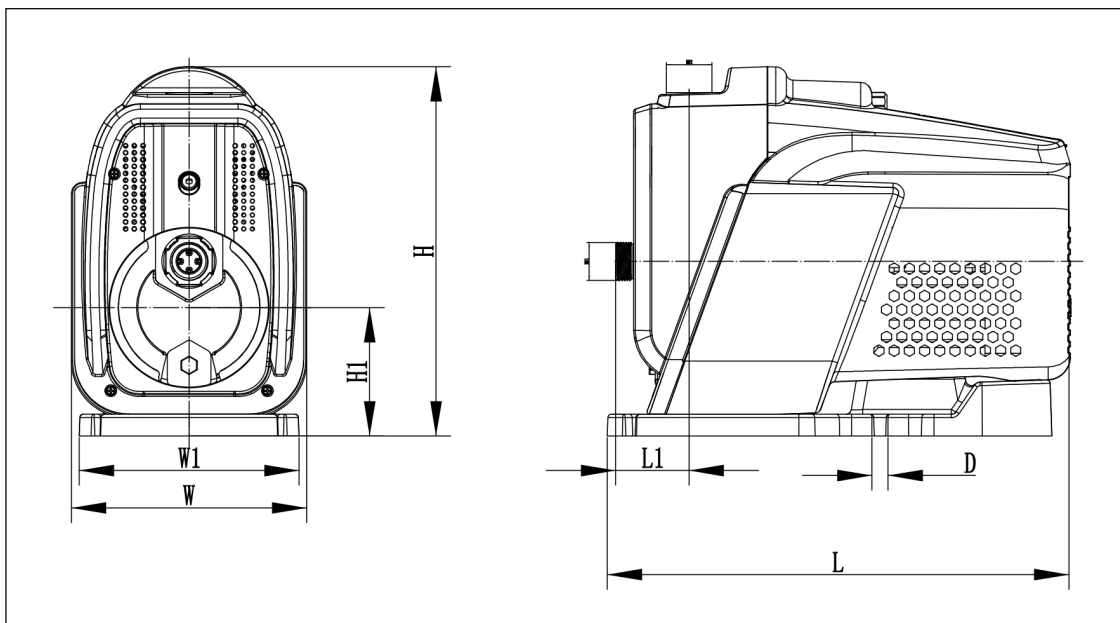


Brand: Gol Pumps
Model: GRUC 1100

Features:

- Connectivity
- High Efficiency PMSM
- Variable Frequency & Constant Pressure
- Super Silent < 50dB
- Wide Range Pressure Settings 20-95%
- IP55 protection
- Premium PPO Impeller · 8 m Self-Priming
- PCB Sealed with Potting Compound
- 14 Protection Function Offers Satisfied User Experience

Dimensions:



Inlet	Outlet	Dimensions (inch)						
DN1	DN2	L	L1	W	W1	H	H1	D
1 1/4"	1 1/4"	17.2	4.2	8	7.5	12.6	4.3	0.5

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Performance Curves

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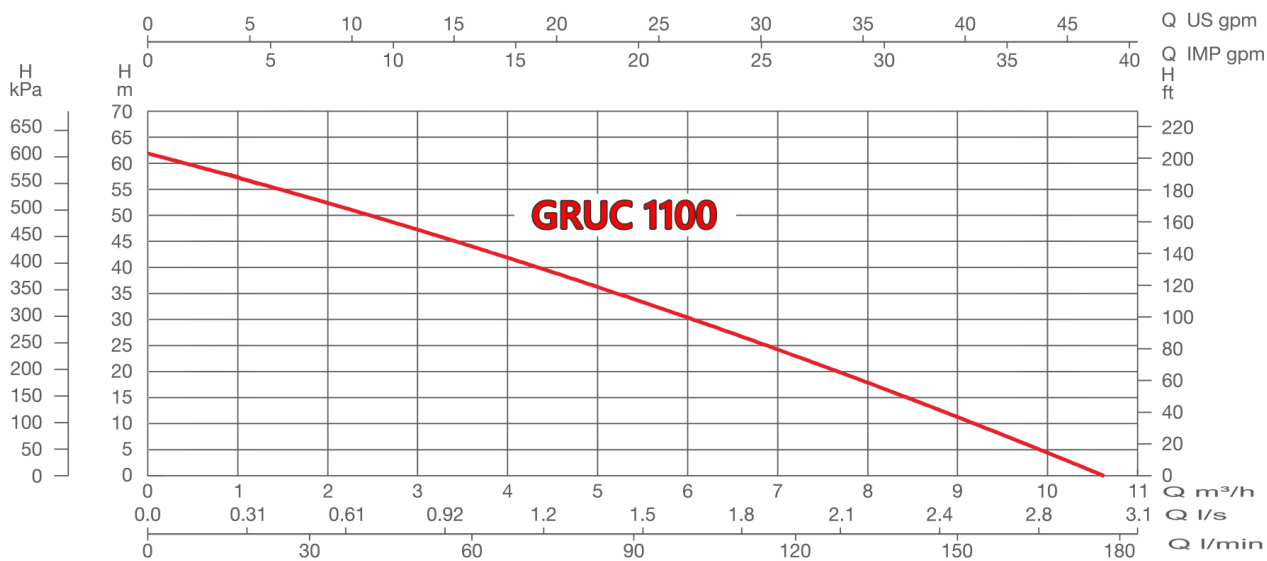
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Model	Power	Voltage	Phase	Frequency	Q. Max	H. Max	Q. Rated	H. Rated	Max. Suct.	Max. Temp	Max. Speed	IP Grade	Insulation Class
	hp	V	ph	Hz	GPM	ft	GPM	ft	ft	°F	RPM		
GRUC 1100	1.5	220	Single	50/60	46.2	197	26.4	101.7	26.2	167	5200	IP55	F



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Parts and Materials

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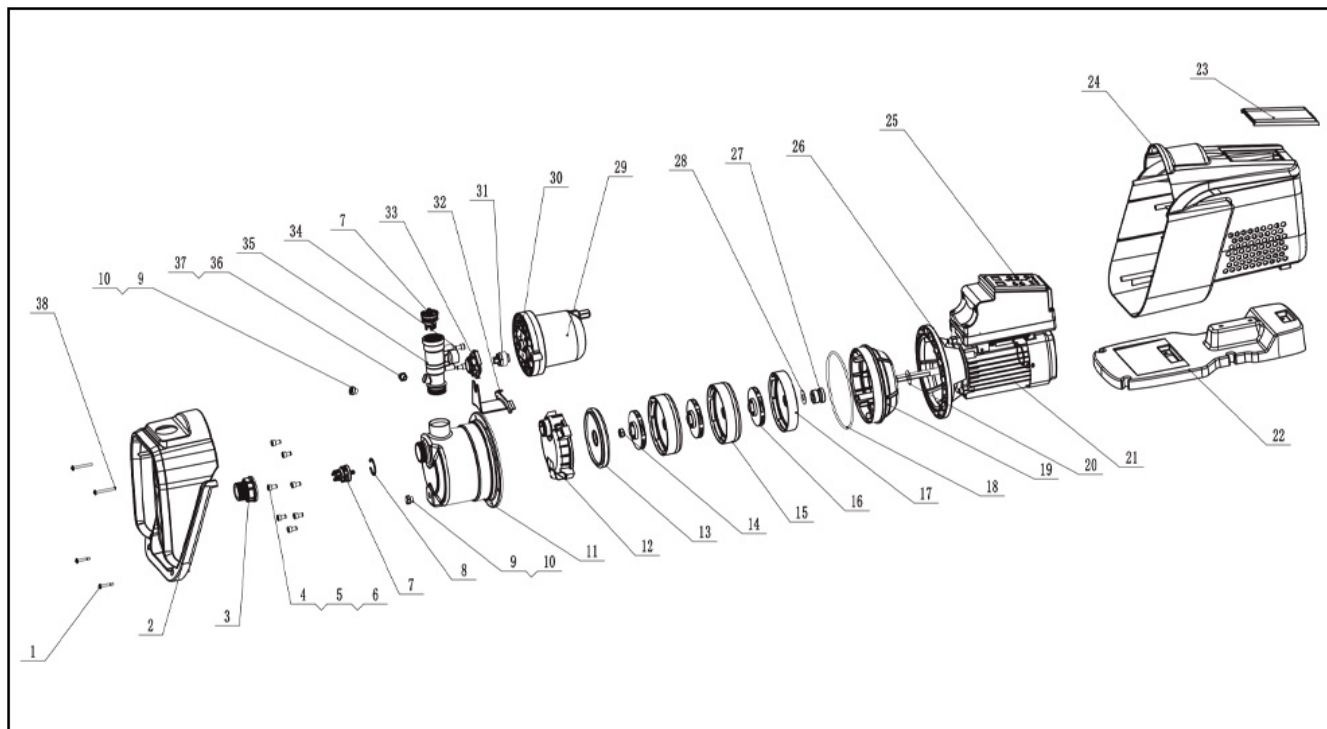
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Part No.	Description	Material
1	Self-tapping screws 1	06Cr19Ni10
2	Pump body shell	ABS
3	Inlet joint	HBI59-1
4	Spring washer	06Cr19Ni10
5	Shim 1	06Cr19Ni10
6	Screws 1	06Cr19Ni10
7	Check valve	PPO
8	Snap ring	06Cr19Ni10
9	O-ring 1	NBR
10	Drain plug	HBI59-1
11	Pump body	06Cr19Ni10
12	Water inlet guide blade	PPO
13	Cover plate	PPO
14	Nut	06Cr19Ni10
15	Diffuser 1	PPO
16	Impeller	PPO
17	Diffuser 2	PPO
18	O-ring 2	EPDM
19	Seal holder	PPO

Part No.	Description	Material
20	Water proof gland	NBR
21	Motor	copper
22	Bottom plate	ABS
23	Flip cover	PC
24	Motor shell	ABS
25	Controller	PCB
26	Pump support	ADC12
27	Mechanical seal	Graphite silicon carbide
28	Shim 2	06Cr19Ni10
29	Pressure tank	IIR+PA66
30	Fixed bracket	PA66
31	Pressure sensor	06Cr19Ni10
32	5-way connector bracket	Q235
33	Sensor bracket	PPO
34	Check valve	PPO
35	5-way connector	HBI59-1
36	O-ring 3	EPDM
37	Temperature sensor	06Cr19Ni10
38	Self-tapping screws 2	06Cr19Ni10

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