

Installation And Use

GF is a gasoline water pump, is an electric spark ignition internal combustion engine using gasoline as fuel. Gasoline engine generally adopts reciprocating piston structure, which is composed of body, crank connecting rod mechanism, valve distribution system, oil supply system, lubrication system and ignition system. They are particularly suitable for domestic or industrial applications. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to
170 m³/h

Head up to
70 m

Typology: Surface
Family: Centrifugal pump

Application Limits

Manometric suction lift up to 8 m
Dia.of inlet: 1"1.5"/2.5"/ 3"/ 4"
Dia.of outlet: 1"/1.5"/2"/ 3"/ 4"
Max displacement: 170 m³



GF

GF-HP

GF-SP



GF25.4-G/40G2



GF-40G3



	Engine	Type	Max.output power	Starting system	Fuel tank capacity	Continuous operating time	Oil capacity	Dia.of inlet/outlet	Suct. Max.	Max head	Max flow
GF40-HP-G1	GF170F	Single cylinder, air-cooled, 4-stroke	7HP/3600rpm	Recoil	3.6L	4hours	0.6L	1.5"	7m	60m	20m³/h
GF50-HP-G1	GF170F	Single cylinder, air-cooled, 4-stroke	7HP/3600rpm	Recoil	3.6L	4hours	0.6L	2"	7m	65m	30m³/h
GF80-HP-G1	GF190F	Single cylinder, air-cooled, 4-stroke	15HP/3600rpm	Recoil	6L	6hours	1.1L	3"	7m	70m	55m³/h
GF80-SP-G1	GF170F	Single cylinder, air-cooled, 4-stroke	7HP/3600rpm	Recoil	3.6L	4hours	0.6L	3"	7m	26m	60m³/h
GF25.4-G	GF140F-5	Single cylinder, air-cooled, 2-stroke	1.7HP/7500rpm	Recoil	0.95L	4hours	7	1"	8m	30m	8m³/h
GF40-G2	GF140F-5	Single cylinder, air-cooled, 2-stroke	1.7HP/7500rpm	Recoil	0.95L	4hours	7	1.5"	8m	35m	15m³/h
GF40-G3	GF140F	Single cylinder, air-cooled, 4-stroke	1.8HP/3600rpm	Recoil	1L	4hours	7	1.5"	8m	30m	15m³/h
GF50-G/G1	GF170F	Single cylinder, air-cooled, 4-stroke	7HP/3600rpm	Recoil	3.6L	4hours	0.6L	2"	7m	28m	30m³/h
GF80-G/G1	GF170F	Single cylinder, air-cooled, 4-stroke	7HP/3600rpm	Recoil	3.6L	4hours	0.6L	3"	7m	26m	60m³/h
GF100-1-G1	GF170F	Single cylinder, air-cooled, 4-stroke	7HP/3600rpm	Recoil	3.6L	4hours	0.6L	4"	7m	23m	66m³/h
GF100-G1	GF190F	Single cylinder, air-cooled, 4-stroke	15HP/3600rpm	Recoil	6L	3hours	1.1L	4"	7m	30m	90m³/h
GF150-G1	GF190F	Single cylinder, air-cooled, 4-stroke	15HP/3600rpm	Recoil	6L	3hours	1.1L	6"	7m	20m	170m³/h

Installation And Use

GFD series pump is a diesel water pump. This pump has the advantages of reasonable structure, high efficiency, good cavitation performance, small vibration, low noise, stable, reliable and convenient installation and disassembly. As a result of their reliability and the fact that the complete set of water supply equipment of diesel engine can be used for automatic and manual water supply system of various enterprises, as well as fire water supply and occasions with special requirements. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to
82 m³/h

Head up to
28 m

Typology: Surface
Family: Centrifugal pump

Application Limits

Manometric suction lift up to 8 m
Dia.of inlet/outlet: 2"/ 3"/ 4"
Max displacement: 64m³



pump body



water outlet



water inlet



connector



impeller



impeller casing



inlet valve



pump body cover



	Engine	Type	Max.output power	Starting system	Fuel tank capacity	Continuous operating time	Oil capacity	Dia.of inlet/outlet	Suct. Max.	Max head	Max flow
GFD50-G	GFD170F	Single cylinder, vertical, air-cooled, 4-stroke, direct injection	4.0HP/3600rpm	Recoil	2.5L	4hours	0.75L	2"	7m	25m	22m³/h
GFD50E-G	GFD170F	Single cylinder, vertical, air-cooled, 4-stroke, direct injection	4.0HP/3600rpm	Electric	2.5L	4hours	0.75L	2"	7m	25m	22m³/h
GFD80-G	GFD178F	Single cylinder, vertical, air-cooled, 4-stroke, direct injection	5.5HP/3600rpm	Recoil	3.5L	4hours	1.1L	3"	7m	28m	36m³/h
GFD80E-G	GFD178F	Single cylinder, vertical, air-cooled, 4-stroke, direct injection	5.5HP/3600rpm	Electric	3.5L	4hours	1.1L	3"	7m	28m	36m³/h
GFD100-G	GFD186FA	Single cylinder, vertical, air-cooled, 4-stroke, direct injection	9HP/3600rpm	Recoil	5.5L	3hours	1.1L	4"	7m	25m	82m³/h
GFD100E-G	GFD186FA	Single cylinder, vertical, air-cooled, 4-stroke, direct injection	9HP/3600rpm	Electric	5.5L	3hours	1.1L	4"	7m	25m	82m³/h

	Model	Type	Max.output power	Dia.of inlet/outlet	Suct. Max.	Max head	Max flow
	GFSU-50-G	2" high pressure towing pump, aluminum joint wrench, B slot pulley	5.5	2"	7m	28m	30m³/h
	GFSU-80-G	3" drag pump, aluminum joint wrench, B slot pulley	6.5	3"	7m	24m	60m³/h
	GFSU-100-G	4" drag pump, aluminum joint wrench, B slot pulley	9	4"	7m	21m	70m³/h
	GFSU-50V-G	2" high pressure towing pump, aluminum joint wrench, B slot pulley	5.5	2"	8m	42m	29m³/h
	GFSU-80V-G	3" high pressure towing pump, aluminum joint wrench, B slot pulley	6.5	3"	8m	31m	55m³/h