

Gear Pump 312

The GP-312 is a convenient gear pump for transferring diesel, oil or water. Fluid can be pulled up to 5 ft self-priming and is recommended for horizontal distances up to 25 ft. Flow direction is reversible and designed for discontinuous use. Optional switches and bypass are available.

Basic Features

- Self-priming
- IP65 rated
- Available in 12V and 24V

Optional Features

- On/off switch
- Reversing switch
- Pressure relief - 10 or 35 psi, flow direction not reversible

Technical Specifications

Flow Rate	3 GPM / 11.4 LPM	
Inlet/Outlet	3/8" Male NPT	
Voltage	12V or 24V	
Duty Cycle	30 min.	
Self-Priming	5 ft / 1.5 m (wet gears)	
Fuse	35A / 12V, 20A / 24V	
Max. Amp. Draw	12A / 12V, 7A / 24V	
Max. Work Pressure	50 psi / 3.5 bar (no bypass option)	
Max. Work Temperature	140°F / 60°C	
Body	Bronze	
Gears	Helical bronze	
Shaft	Stainless steel	
Rated	IP65	
Dimensions GP-312	A	6.5" / 165 mm
	B	4" / 102 mm
	C	3.4" / 86 mm
	6 lbs / 2.7 kg	
Dimensions with Switch Option GP-312S GP-312R	A	7.75" / 197 mm
	B	4" / 102 mm
	C	3.4" / 86 mm
	8 lbs / 3.6 kg	
Dimensions with Bypass Option GP-312B	A	7.2" / 183mm
	B	4.4" / 112 mm
	C	3.5" / 89 mm
	7 lbs / 3.2 kg	



Shown with optional switch



Shown with optional bypass