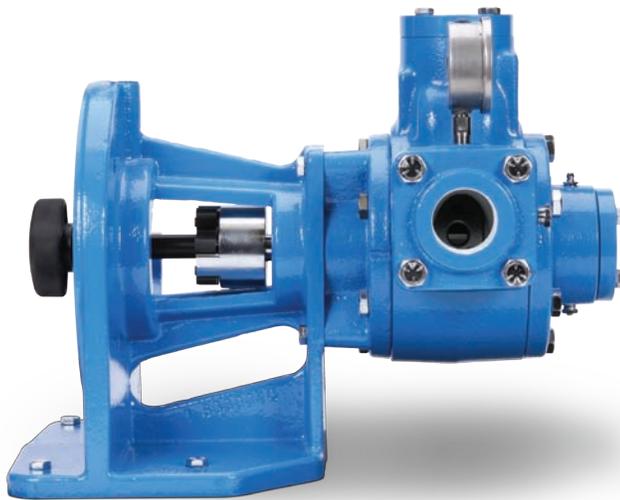


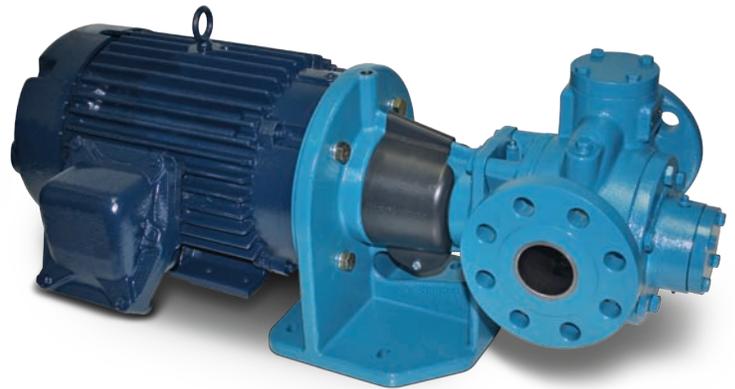


## LGL156 & LGL158

### Continuous Duty, High Pressure LPG and NH3 Pumps



LGL150 Series



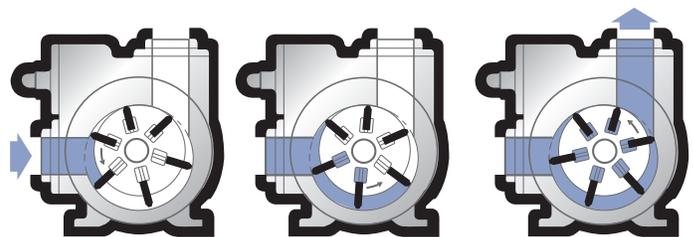
#### Applications

- Single and dual hose fuel dispensers
- Aerosol filling
- Vaporizer feed
- Underground tank applications
- Aboveground tank applications
- Other high differential pressure liquefied gas applications
- UL listed for use on propane, butane, butane/propane mixes and anhydrous ammonia

#### Features

- Designed for high differential pressure of 13.7 bar (200 psi)
- Sliding vane, positive displacement design for consistent performance
- Motor speed operation at 1,450 rpm (50Hz) or 1,750 rpm (60Hz) operation
- LGL158 suction lift up to 4 meters (13 feet) – smaller pumps have less lift capability

- LGL156 model designed to allow use of single phase motors
- Cavitation suppression liner
- Replaceable liner and discs
- Ductile iron construction
- Flanged inlet and outlet connections
- 4-bolt flange allows for optional flange sizes
- Factory ISO-9001 certified



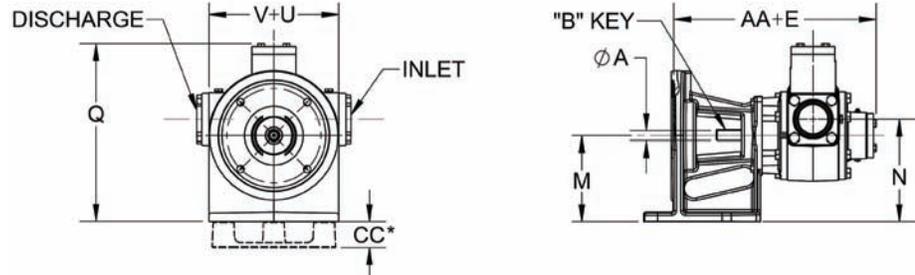
How Blackmer's sliding vane action works

## Pump Specifications

Pump Model	Maximum Speed	GPM (L/min)	HP (kW)	Maximum Differential Pressure	Recommended Bypass Valve Setting	Relief Valve Setting	Maximum Working Pressure
LGL156	1,750	21 (79.5)	4.9 (3.6)	160 PSI (11.0 bar)	160 PSI (11.0 bar)	225 PSI (15.5 bar)	425 PSI (29.3 bar)
LGL158	1,750	32.3 (122)	6.5 (4.8)	200 PSI (13.8 bar)	200 PSI (13.8 bar)	225 PSI (15.5 bar)	425 PSI (29.3 bar)

## Dimensions

### 4-Bolt Flanged Pump with Motor Adaptor

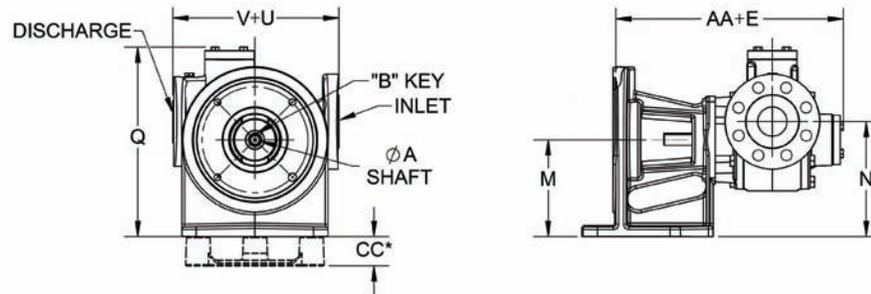


4-Bolt Pump with Motor Adaptor	A	B	M	N	Q	U+V	AA+E	CC*	Weight
	¾ in.	¾ in.	6 ⅞ in.	7 ⅞ in.	13 ¾ in.	10 in.	15 ⅞ in.	2 in.	109 lbs.
	—	—	168 mm	200 mm	350 mm	254 mm	397 mm	50.8 mm	49.4 kg

\*CC - Optional Riser

## Dimensions

### ANSI Flanged Pump with Motor Adaptor



ANSI Pump with Motor Adaptor	A	B	M	N	Q	U+V	AA+E	CC*	Weight
	¾ in.	¾ in.	6 ⅞ in.	7 ⅞ in.	13 in.	11 ⅞ in.	15 ⅞ in.	2 in.	120 lb.
	—	—	168 mm	200 mm	330 mm	289 mm	397 mm	50.8 mm	54.4 kg

\*CC - Optional Riser

Flanges	
4-Bolt	1.25, 1.5, 2" NPT or Weld
ANSI	2" x 1.5" ANSI 300# RF

Motor Adaptors	
NEMA	182TC, 184TC, 215C, 213TC, 215TC
IEC	100 B5, 112 B5, 132 B14

## DM Drive Style Direct Motor Drive

Base mounted units are available, complete with pump, coupling and coupling guard, mounting on a common base, ready to accept a standard NEMA C-face or IEC flanged-face motor. DM units are available with and without electric motors.

**Blackmer**

Process | Energy | Military & Marine  
 PSG Grand Rapids  
 1809 Century Avenue SW, Grand Rapids, MI 49503-1530 USA  
 T 616.241.1611 • F 616.241.3752  
[blackmer.com](http://blackmer.com)



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