



LGL 158

Continuous Duty, High Pressure LPG Pump

Applications

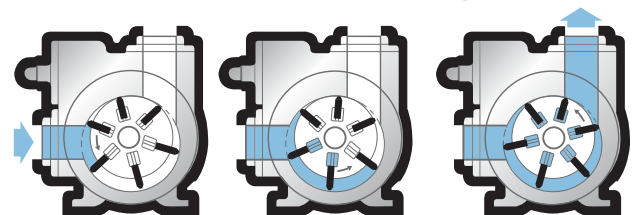
- Single and dual hose fuel dispensers
- Aerosol filling
- Vaporizer feed
- Underground tank applications
- Aboveground tank applications
- Other high differential pressure liquefied gas applications
- U.L. listed for use on propane, butane and butane/propane mixes

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
- Suction lift up to 4 meters (13 foot)
- Cavitation suppression liner
- Replaceable liner and discs
- Ductile iron construction
- Flanged inlet and outlet connections
- Factory ISO-9001 certified



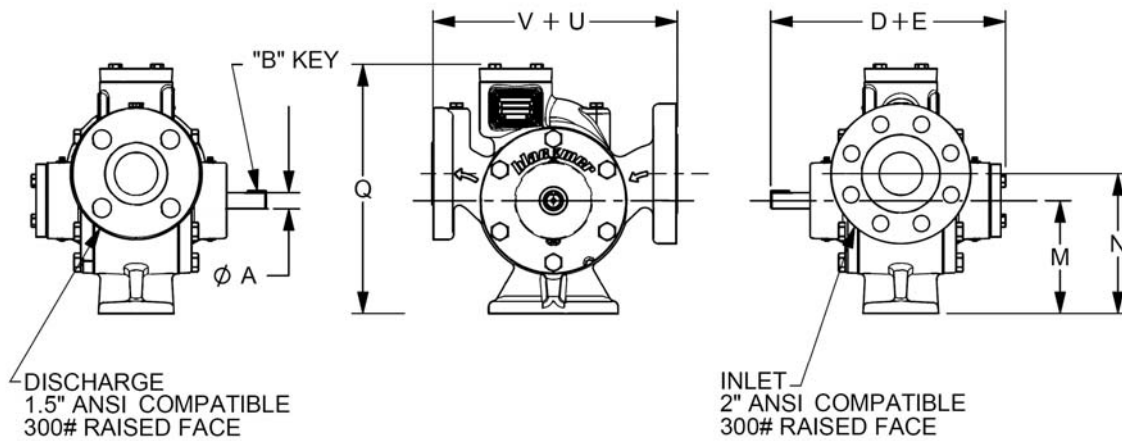
How a Blackmer Sliding Vane Pump Works





Pump Specifications

Performance at 150 psid (10.3 bar) differential pressure			Maximum Differential Pressure	Relief Valve Setting	Maximum Working Pressure
1,750 rpm	1,450 rpm	1,150 rpm			
32.3 gpm / 5.2 hp	24 gpm / 4.3 hp	17.8 gpm / 3.4 hp	200 psi	225 psi	425 psi
122 lpm / 4 kw	91 lpm / 3.2 kw	67 lpm / 2.5 kw	13.8 bar	15.5 bar	29.3 bar



Dimensions

A	B	D+E	M	N	Q	V+U	Weight
3/4 in.	3/16 in.	10 15/16 in.	5 1/4 in.	6 1/2 in.	11 5/16 in.	11 3/4 in.	80 lb.
—	—	277.8 mm	133.4 mm	165 mm	293.7 mm	289 mm	36 kg

DM Drive Style

Foot Mounting – 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 motor. DM units are available with and without electric motors.

Distributed by:

World Headquarters

1809 Century Avenue SW
Grand Rapids, MI 49503-1530 USA
T 616.241.1611 F 616.241.3752

European Headquarters

ZI Plaine des Isles, rue des Caillottes,
89000 Auxerre, FRANCE
T +33.3.86.49.86.30 F +33.3.86.46.42.10



www.blackmer.com