



Husky™ Natural Gas Diaphragm Pumps

1 inch (25.4 mm) Double Diaphragm Pumps for Upstream and Midstream Oil & Gas



Husky 1050 diaphragm pump exclusively designed for applications driven by natural gas

- Conforms to CSA/AM ANSI LC 6. Certified to CSA STD T.I.L. R-14
- Ideal for glycol circulation systems and other upstream and midstream applications
- Great for onsite chemical transfer
- Variety of wetted materials available to ensure compatibility
- Proven, reliable and energy efficient air valve
- Multiple porting options for almost any installation

PROVEN QUALITY. LEADING TECHNOLOGY.

Ordering Information

Remote oil and gas fields and offshore rigs are often limited in traditional energy resources. The Husky 1050 pumps are designed to safely operate off natural gas, as well as compressed air, which provides installation flexibility in these challenging environments.

Graco's premier double diaphragm pumps excel in the transfer of low, mid and high viscosity fluids, including glycol and general chemical transfer and circulation, with flow rates up to 49 gpm (185 lpm).



Available Models

Part Number	Pump Material	Porting	Seats	Balls	Diaphragms
647043	Aluminum	NPT	Buna	Buna	Buna
647124	Aluminum	BSPT	Buna	Buna	Buna
647047	Aluminum	NPT	FKM	FKM	FKM
647128	Aluminum	BSPT	FKM	FKM	FKM

Technical Specifications

Maximum fluid working pressure	120 psi (8.6 bar, 0.86 MPa)
Gas/Air pressure operating range	20-120 psi (1.4-8.6 bar, 0.14-0.86 MPa)
Maximum gas/air consumption	.67 scfm
Gas/Air consumption at 70 psi (4.8 bar, 0.48 MPa), 20 gpm (76 lpm)	.25 scfm
Maximum free-flow delivery	49 gpm (185 lpm)
Maximum pump speed	275 cpm
Fluid displacement per cycle	0.17 gal (0.64 liters)
Maximum suction lift	16 ft (4.9 m) dry, 29 ft (8.8 m) wet
Maximum size pumpable solids	1/8 in (3.2 mm)
Gas/Air inlet size	1/2 npt(f)
Fluid inlet size	1 in npt(f) or 1 in bspt
Fluid outlet size	1 in npt(f) or 1 in bspt
Weight	23 lb (10.5 kg)
Pump material	Aluminum
Wetted parts	Buna and FKM for seat, ball, and diaphragm options
Non-wetted external parts	aluminum, coated carbon steel
Operational manual	313598
Repair/Parts manual	313435



CONFORMS TO
CSA/AM ANSI STD LC 6
CERTIFIED TO
CSA STD T.I.L. NO. R-14
GRACO INC.
P.O. Box 1441 Mpls, MN
55440 U.S.A.

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Contact your Graco Account Manager for more information.

For more information on Husky pumps, go to www.graco.com/process.

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