

Husky™ 1050 Pumps

A Complete Family of 1 inch (25.4 mm)
Air-Operated Double Diaphragm Pumps



- Overall improved efficiency
- **20%** increase in fluid flow compared to the Husky 1040
- Up to **5 times** longer diaphragm life compared to other diaphragm pumps in its class
- Expanded material offering to handle **endless applications**

Husky 1050 Family

No Limits. No Problem.

At Graco, there are no limits when it comes to designing pumps that exceed your expectations.

That's why we're expanding our pump line.

What makes these Husky Pumps among the Best in the Industry?

Efficiency

Overall improved efficiency.

Performance

Delivers material up to 189 l/min. (50 gpm).
That's a 20% increase in flow*!

Engineering

Diaphragms last 5 times longer than others in its class*.

Buy a Husky 1050 pump today and you'll quickly experience the difference!

*When compared to the Husky 1040.



Aluminum



Polypropylene



Stainless Steel



PVDF

SIX MATERIALS. ENDLESS APPLICATIONS.

Modular Air Valve

Stall-free, low pulsation operation provides smooth and rapid changeover

One-Piece Center Section

Eliminates air leaks for more efficient operation

Longer Diaphragm Life

Up to 5x longer diaphragm life for less maintenance and downtime

Optional Features

DataTrak™

- Runaway protection
- Tracks material usage

Pulse Output

- Cycle count capability



Four Bolt Joint Design

Bolted design provides even sealing pressure for leak-free operation

Multiple Ports

Increased number of ports for installation flexibility



Conductive Polypropylene



Hastelloy

Find the Right Pump for your Application

Graco is making it easy to select a pump that's right for your application.

To order a Husky 1050, use the selector tool or contact your distributor.



Example of Product Selector Tool

WHAT'S NEXT?

Watch for the next pump in Graco's new series of air-operated double diaphragm pumps.



Technical Specifications

HUSKY 1050

HUSKY MODELS



205

6.3 mm (1/4 in)
19 l/min. (5 gpm)



307

9.4 mm (3/8 in)
26 l/min. (7 gpm)



515

12.7 mm (1/2 in) or
19.1 mm (3/4 in)
57 l/min. (15 gpm)



716

19.1 mm (3/4 in)
61 l/min. (16 gpm)



1050

25.4 mm (1 in)
189 l/min. (50 gpm)

FEATURED PUMP



1590

38.1 mm (1-1/2 in)
340 l/min. (90 gpm)



2150

50.8 mm (2 in)
568 l/min. (150 gpm)



3275

76.2 mm (3 in)
1041 l/min. (275 gpm)

Maximum fluid working pressure.....	8.6 bar (0.86 MPa, 125 psi)	
Air pressure operating range.....	1.4-8.6 bar (0.14-0.86 MPa, 20-125 psi)	
Maximum air consumption.....	67 scfm	
Air consumption at 4.8 bar (0.48 MPa, 70 psi),		
76 l/min. (20 gpm).....	25 scfm	
Maximum free-flow delivery.....	189 l/min. (50 gpm)	
Maximum pump speed.....	280 cpm	
Fluid displacement per cycle.....	0.64 liter (0.17 gal)	
Maximum suction lift.....	4.9 m (16 ft) dry, 8.8 m (29 ft) wet	
Maximum size pumpable solids.....	3.2 mm (1/8 in)	
Sound Power*		
at 4.8 bar (0.48 MPa, 70 psi) and 50 cpm.....	78 dBA	
at 7.0 bar (0.7 MPa, 100 psi) and full flow.....	90 dBA	
Sound Pressure**		
at 4.8 bar (0.48 MPa, 70 psi) and 50 cpm.....	84 dBA	
at 7.0 bar (0.7 MPa, 100 psi) and full flow.....	96 dBA	
Air inlet size.....	1/2 npt(f)	
Fluid inlet size		
Aluminum (1050A).....	1 in npt(f) or 1 in bspt	
Plastic (1050P, 1050C and 1050F).....	1 in raised face ANSI/DIN flange	
Stainless Steel (1050S and 1050H).....	1 in npt(f) or 1 in bspt	
Fluid outlet size		
Aluminum (1050A).....	1 in npt(f) or 1 in bspt	
Plastic (1050P, 1050C and 1050F).....	1 in raised face ANSI/DIN flange	
Stainless Steel (1050S and 1050H).....	1 in npt(f) or 1 in bspt	
Weight		
Aluminum (1050A).....	10.5 kg (23 lb)	
Plastic (1050P and 1050C).....	8.2 kg (18 lb)	
PVDF (1050F).....	9.5 kg (21 lb)	
Stainless Steel (1050S)		
with conductive polypropylene center.....	16.5 kg (36.3 lb)	
with polypropylene center.....	16.9 kg (37.3 lb)	
with aluminum center.....	18.8 kg (41.4 lb)	
Hastelloy (1050H).....	18.6 kg (41 lb)	
Wetted parts		
Aluminum (1050A).....	aluminum and material(s) chosen for seat, ball, and diaphragm options	
Plastic (1050P, 1050C and 1050F).....	polypropylene and material(s) chosen for seat, ball, and diaphragm options	
Stainless Steel (1050S).....	stainless steel and material(s) chosen for seat, ball, and diaphragm options	
Hastelloy (1050H).....	hastelloy, stainless steel and material(s) chosen for seat, ball, and diaphragm options	
Non-wetted external parts		
Aluminum (1050A).....	Center: aluminum	Bolts: coated carbon steel
Plastic (1050P, 1050C and 1050F).....	polypropylene	stainless steel
Stainless Steel (1050S).....	polypropylene	stainless steel
Stainless Steel (1050S).....	aluminum	stainless steel
Hastelloy (1050H).....	polypropylene	stainless steel
Manual.....	312877	

* Sound power measured per ISO-9614-2.

** Sound pressure was tested 1 m (3.28 ft) from equipment.

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