

GRACO

Husky 1050

Husky[™] 1050 Pumps

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

There are **NO EQUALS**

- 30% more efficient than the market leaders
- 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

PROVEN QUALITY. LEADING TECHNOLOGY.

HUSKY 1050 FAMILY

No Limits. No Equals. 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 30% more efficient than the industry leaders.

Performance Delivers material up to 50 gpm (189 lpm). 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 see why there are NO EQUALS!

*When compared to the Husky 1040.



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



Aluminum





Stainless Steel







Conductive Polypropylene

Hastelloy

SIX MATERIALS. ENDLESS APPLICATIONS.

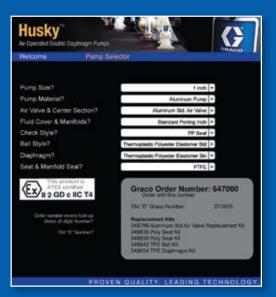
Polypropylene

PVDF

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 online selector tool at www.gracohusky.com or contact your distributor.



Example of Product Selector Tool on www.gracohusky.com.

WHAT'S NEXT?

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



Husky 1050 Technical Specifications

Maximum fluid working pressure		
Air pressure operating range	20-125 psi	
	(1.4-8.6 bar, 0.14-0.86 MPa)	
Maximum air consumption		
Air consumption at 70 psi (4.8 bar, 0.48 MPa),		
20 gpm (76 lpm)		
Maximum free-flow delivery	50 gpm (189 lpm)	
Maximum pump speed	280 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 solids1/8 in (3.2 mm)		
Sound Power*		
at 70 psi (4.8 bar, 0.48 MPa) and 50 cpm	78 dBa	
at 100 psi (7.0 bar, 0.7 MPa) and full flow		
Sound Pressure**		
at 70 psi (4.8 bar, 0.48 MPa) and 50 cpm	84 dBa	
at 100 psi (7.0 bar, 0.7 MPa) and full flow		
Air inlet size		
Fluid inlet size		
Aluminum (1050A)	1 in not(f) or 1 ir	n bspt
Plastic (1050P, 1050C and 1050F)		
Stainless Steel (1050S and 1050H)		
Fluid outlet size		i bopt
Aluminum (1050A)	1 in nnt(f) or 1 ir	n hsnt
Plastic (1050P, 1050C and 1050F)		
Stainless Steel (1050S and 1050H)		
Weight		борг
Aluminum (1050A)	23 lb (10 5 kg)	
Plastic (1050P and 1050C)		
PVDF (1050F)		
Stainless Steel (1050S)	21 lb (3.5 kg)	
with conductive polypropylene center	36 3 lb (16 5 kg	
with polypropylene center		
with aluminum center		
Hastelloy (1050H)		
Wetted parts	41 ID (10.0 Ky)	
Aluminum (1050A)	aluminum and n	natorial(c) chocon for
Aluminum (1050A)		.,
Plastic (1050P, 1050C and 1050F)	nolypropylono a	aphragm options
Flastic (1030F, 1030C and 1030I)		d diaphragm options
Stainless Steel (1050S)		
Hestelley (1050H)	for seat, ball, and diaphragm options	
Hastelloy (1050H)	material(s) chosen for seat, ball,	
and diaphragm options		
Non-wetted external parts	Center	Bolts
Aluminum (1050A)	aluminum	coated carbon steel
Plastic (1050P, 1050C and 1050F)	polypropylene	stainless steel
Stainless Steel (1050S)		stainless steel
Stainless Steel (1050S)		stainless steel
Hastelloy (1050H)		stainless steel
Marcal I	010077	



* Sound power measured per ISO-9614-2.

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

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.

Call today for product information or to request a demonstration. 877.84GRACO (1-877-844-7226) or visit us at www.graco.com/process.

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