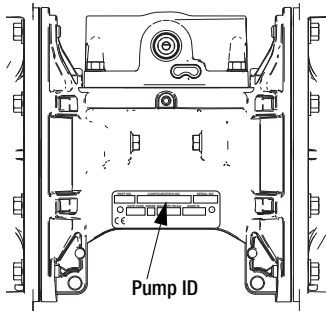


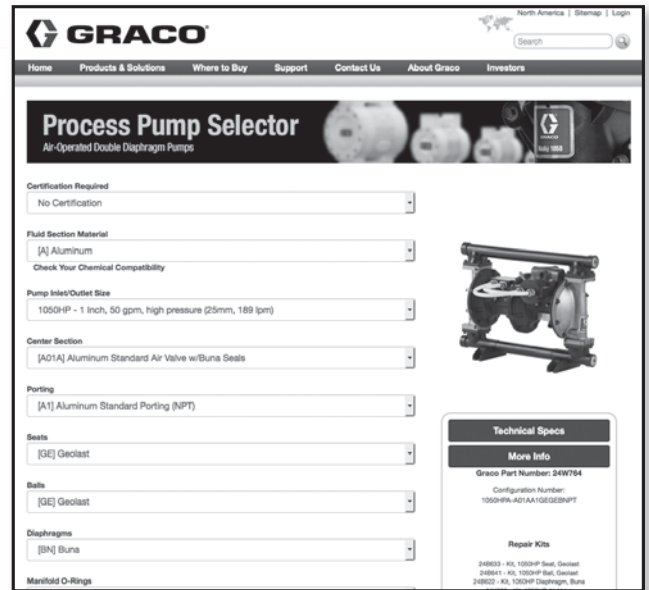
Husky 1050HP Metal Pumps High Pressure Air-Operated Diaphragm

Husky 1050HP Selector Tool

To order a Husky 1050HP, use the online selector tool at www.graco.com/pumpselectors or contact your distributor.



NOTE: Options for seats, check balls, diaphragms, and seals vary for pump models.



Example of Product Selector Tool on www.graco.com/pumpselectors.

Pump Configuration Options

Pump	Center Section and Air Valve Material		Air Valve	Manifolds	
1050HP Aluminum	Aluminum	A01A	Standard	A1 A2 S1 S2	Aluminum, Standard Ports, NPT Aluminum, Standard Ports, BSPT Stainless Steel, Standard Ports, NPT Stainless Steel, Standard Ports, BSPT

Check Valve Seats		Check Valve Balls		Diaphragm Material		Manifold O-Rings	
SS	316 Stainless Steel	CW	Santoprene	BN	Santoprene	PT	PTFE
SP	Santoprene	GE	Geolast	CO	Polychloroprene Overmolded		
GE	Geolast	SP	Santoprene	PT	PTFE/Santoprene Two-Piece		
		SS	316 Stainless Steel	SP	Santoprene		

Husky 1050HP Metal Pumps

Popular Models

Part No.	Seat	Ball	Fluid Diaphragm	Center Diaphragm	Fluid Covers	Fluid Manifold	Porting
24W756	Stainless Steel	Santoprene	Santoprene	Santoprene	Stainless Steel	Aluminum	NPT
24W757	Stainless Steel	Santoprene	Santoprene	Santoprene	Stainless Steel	Aluminum	BSPT
24W758	Stainless Steel	Santoprene	Santoprene	Santoprene	Stainless Steel	Stainless Steel	NPT
24W759	Stainless Steel	Santoprene	Santoprene	Santoprene	Stainless Steel	Stainless Steel	BSPT
24W762	Santoprene	Santoprene	Santoprene	Santoprene	Stainless Steel	Aluminum	NPT
24W763	Santoprene	Santoprene	Santoprene	Santoprene	Stainless Steel	Aluminum	BSPT
24W764	Geolast	Geolast	Buna-N	Santoprene	Stainless Steel	Aluminum	NPT
24W765	Geolast	Geolast	Buna-N	Santoprene	Stainless Steel	Aluminum	BSPT
24W766	Stainless Steel	Weighted Neoprene	Buna-N	Santoprene	Stainless Steel	Aluminum	NPT
24W767	Stainless Steel	Weighted Neoprene	Buna-N	Santoprene	Stainless Steel	Aluminum	BSPT
24W768	Stainless Steel	Weighted Neoprene	Neoprene Overmold	Santoprene	Stainless Steel	Aluminum	NPT
24W769	Stainless Steel	Weighted Neoprene	Neoprene Overmold	Santoprene	Stainless Steel	Aluminum	BSPT
24X388	Stainless Steel	Stainless Steel	2-piece PTFE/Santoprene	Santoprene	Stainless Steel	Stainless Steel	NPT
24X389	Stainless Steel	Stainless Steel	2-piece PTFE/Santoprene	Santoprene	Stainless Steel	Stainless Steel	BSPT



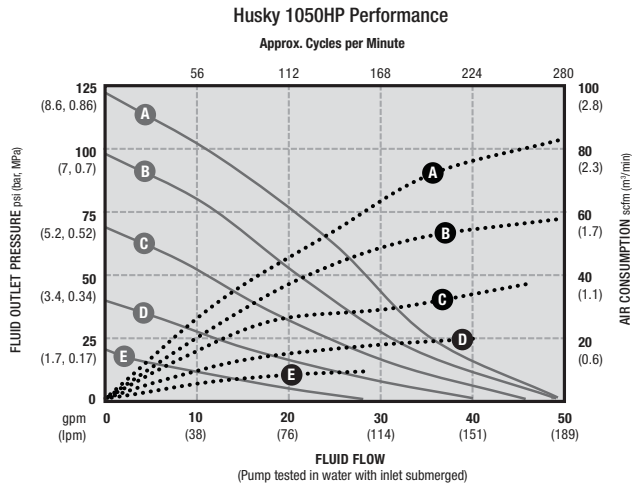
Technical Specifications

Maximum fluid working pressure	250 psi (14 bar, 1.4 MPa)
Air pressure operating range	20-125 psi (1.4-6.9 bar, 0.14-0.69 MPa)
Fluid displacement per cycle	
Low Pressure Setting	0.17 gal (0.64 l)
High Pressure Setting	0.20 gal (0.76 l)
Air consumption at 70 psi (4.8 bar), 20 gpm (76 lpm)	
Low Pressure Setting	.26 scfm (0.7 m ³ /min)
High Pressure Setting	.51 scfm (1.4 m ³ /min)
Maximum values with water as media under submerged inlet conditions at ambient temperature:	
Maximum air consumption	
Low Pressure Setting	.59 scfm (1.7 m ³ /min)
High Pressure Setting	.95 scfm (2.7 m ³ /min)
Maximum free-flow delivery	
Low Pressure Setting	50 gpm (189 lpm)
High Pressure Setting	46 gpm (174 lpm)
Maximum pump speed	
Low Pressure Setting	280 cpm
High Pressure Setting	225 cpm
Maximum suction lift*	
Dry	16 ft (4.9 m)
Wet	29 ft (8.8 m)
Maximum size pumpable solids	1/8 in (3.2 mm)
Recommended cycle rate for continuous use	93-140 cpm (in Low or High setting)
Air inlet size	3/4 npt(f)
Fluid inlet size	1 in npt(f) or bspt
Fluid outlet size	1 in npt(f) or bspt
Weight	
Aluminum manifolds	48 lb (21.8 kg)
SST manifolds	60 lb (27.2 kg)
Wetted parts	aluminum or stainless steel plus the material(s) chosen for seat, ball, and diaphragm options
Non-wetted external parts	aluminum, coated carbon steel, sst

*Varies based on ball/seat selection and wear, operating speed, material properties, and other variables

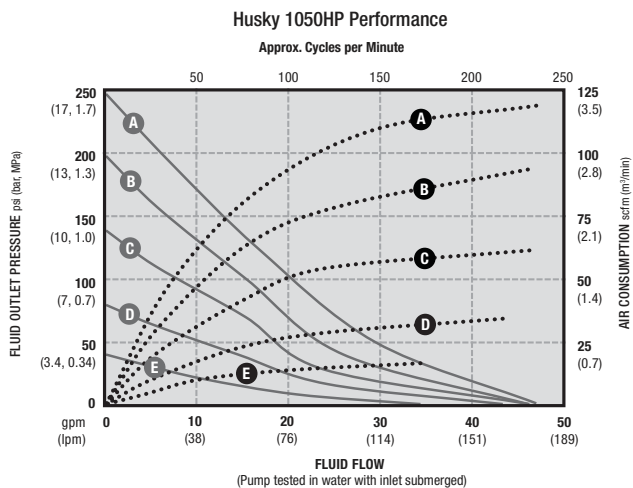
Performance Charts

Low Pressure Setting



AIR PRESSURE	LEGEND
(A) = at 125 psi (8.3 bar, 0.83 MPa)	Air Consumption.....
(B) = at 100 psi (7 bar, 0.7 MPa)	Fluid Pressure ———
(C) = at 70 psi (4.8 bar, 0.48 MPa)	
(D) = at 40 psi (2.8 bar, 0.28 MPa)	

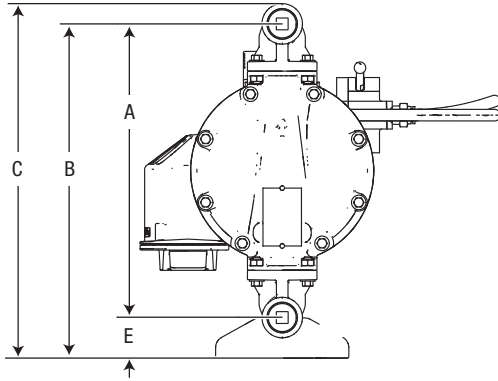
High Pressure Setting



AIR PRESSURE	LEGEND
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Husky 1050HP Metal Pumps

Dimensions



Key	Aluminum	SST
A	12.7 in (323 mm)	11.8 in (300 mm)
B	14.4 in (366 mm)	12.9 in (328 mm)
C	15.3 in (389 mm)	13.7 in (348 mm)
D	10.9 in (277 mm)	9.5 in (241 mm)
E	1.8 in (46 mm)	1.1 in (28 mm)
F	10.8 in (274 mm)	10.7 in (272 mm)
G	21.5 in (546 mm)	20.6 in (523 mm)

All dimensions are approximate

