

Husky 205 Plastic Pumps Air-Operated Double Diaphragm



Wall bracket
standard
with pump

Technical Specifications

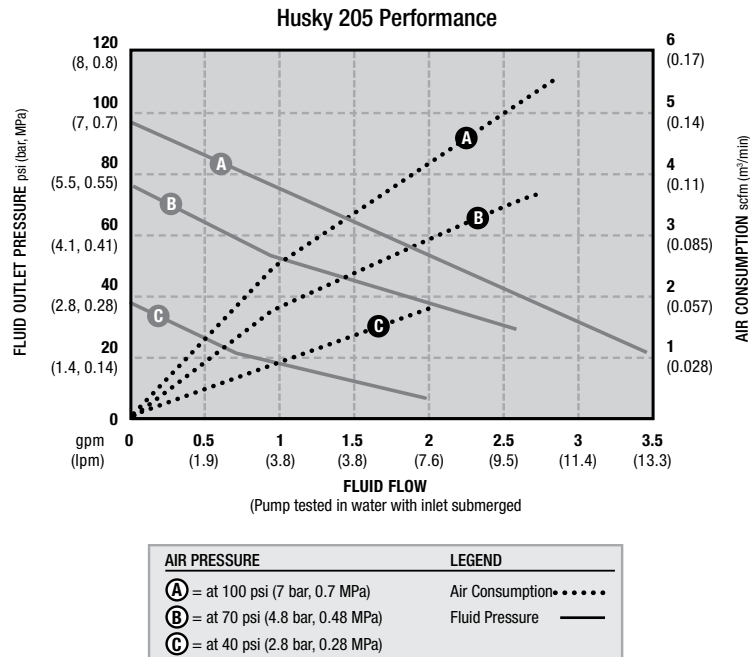
Husky 205 Plastic Pumps	Acetal	Polypropylene	PVDF
Maximum fluid working pressure	100 psi (7 bar, 0.7 MPa)	100 psi (7 bar, 0.7 MPa)	100 psi (7 bar, 0.7 MPa)
Maximum free flow delivery*	5.0 gpm (18.9 lpm)	5.0 gpm (18.9 lpm)	5.0 gpm (18.9 lpm)
Maximum pump speed	250 cpm	250 cpm	250 cpm
Displacement per cycle**	0.012 gallon (0.045 liter)	0.012 gallon (0.045 liter)	0.012 gallon (0.045 liter)
Maximum suction lift (D12096)	10 ft (3 m) dry	10 ft (3 m) dry	10 ft (3 m) dry
Maximum size pumpable solids	0.06 in (1.5 mm)	0.06 in (1.5 mm)	0.06 in (1.5 mm)
Maximum ambient operating temperature***	180°F (82°C)	150°F (66°C)	180°F (82°C)
Maximum diaphragm operating temperature***	Refer to page 5	Refer to page 5	Refer to page 5
Typical sound level at 70 psi (4.9 bar, 0.49 MPa) air @ 125 cpm	70 dBa	70 dBa	70 dBa
Maximum air consumption	9.0 scfm (0.252 m3/min)	9.0 scfm (0.252 m3/min)	9.0 scfm (0.252 m3/min)
Air pressure operating range	20 to 100 psi (1.4 to 7 bar, 0.14 to 0.7 MPa)	20 to 100 psi (1.4 to 7 bar, 0.14 to 0.7 MPa)	20 to 100 psi (1.4 to 7 bar, 0.14 to 0.7 MPa)
Air inlet size	1/4 npt(f)	1/4 npt(f)	1/4 npt(f)
Air exhaust port size	1/4 npt(f)	1/4 npt(f)	1/4 npt(f)
Fluid inlet & outlet size****	1/4 npt(f)	1/4 npt(f)	1/4 npt(f)
Weight	2.5 lb (1.1 kg)	2.0 lb (0.9 kg)	2.8 lb (1.3 kg)
Wetted parts (in addition to ball, seat and diaphragm materials— which may vary by pump)	Acetal with Stainless Steel fibers, PTFE, Acetal, Santoprene	Glass-filled Polypropylene, Santoprene, PTFE, Polypropylene	PVDF, PTFE, Santoprene
Instruction manual	308652	308652	308652

** Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type

*** Actual pump performance may be affected by prolonged usage at temperature

**** Hybrid thread allows for either 1/4 npt or 1/4 bspt fitting

Performance Charts



Husky 307 Plastic Pumps Air-Operated Double Diaphragm



Technical Specifications

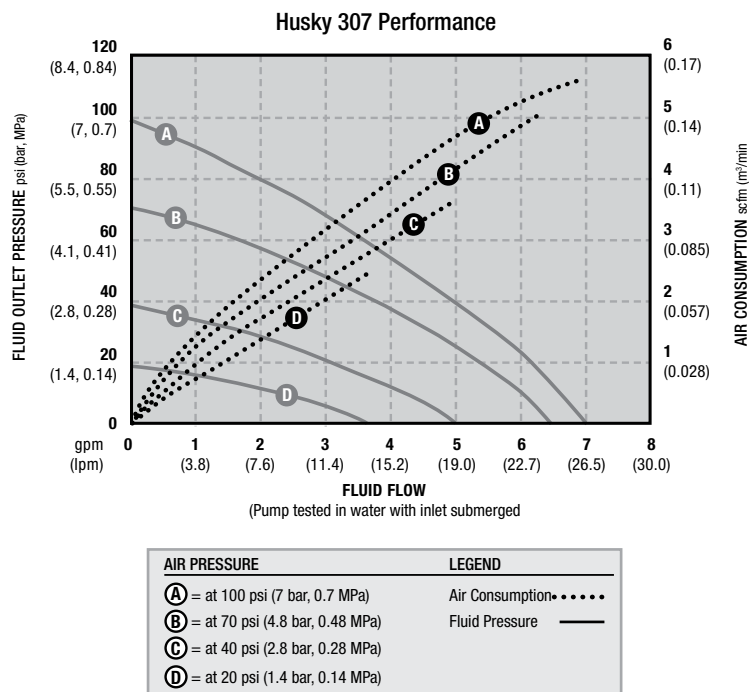
Husky 307 Plastic Pumps	Acetal	Polypropylene
Maximum fluid working pressure	100 psi (7 bar, 0.7 MPa)	100 psi (7 bar, 0.7 MPa)
Maximum free flow delivery*	7.0 gpm (26.5 lpm)	7.0 gpm (26.5 lpm)
Maximum pump speed	330 cpm	330 cpm
Displacement per cycle**	0.02 gallon (0.076 liter)	0.02 gallon (0.076 liter)
Maximum suction lift (D31255)	12 ft (3.7 m) dry	12 ft (3.7 m) dry
Maximum size pumpable solids	0.06 in (1.5 mm)	0.06 in (1.5 mm)
Maximum ambient operating temperature***	180°F (65.5°C)	150°F (65.5°C)
Maximum diaphragm operating temperature***	Refer to page 5	Refer to page 5
Typical sound level at 50 psi (3.5 bar, 0.35 MPa) air @ 50 cpm	75 dBa	75 dBa
Maximum air consumption	6 scfm (0.17 m3/min)	6 scfm (0.17 m3/min)
Air pressure operating range	20 to 100 psi (1.4 to 8.4 bar, 0.14 to 0.84 MPa)	20 to 100 psi (1.4 to 8.4 bar, 0.14 to 0.84 MPa)
Air inlet size	1/4 npt(f) or bspt(f)	1/4 npt(f) or bspt(f)
Fluid inlet & outlet size****	3/8 npt(f)	3/8 npt(f)
Weight	5.2 lb (2.4 kg)	4.75 lb (2.2 kg)
Wetted parts (in addition to ball, seat and diaphragm materials—which may vary by pump)	Acetal with Stainless Steel fibers, PTFE	Polypropylene, PTFE
Instruction manual	308553	308553

*Flow rates are with muffler and do not vary based on diaphragm material

**Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type

***Actual pump performance may be affected by prolonged usage at temperature

Performance Chart



Husky 515 Plastic Pumps

Air-Operated Double Diaphragm



Technical Specifications

Husky 515 Plastic Pumps	Acetal	Polypropylene	PVDF
Maximum fluid working pressure	100 psi (7 bar, 0.7 MPa)	100 psi (7 bar, 0.7 MPa)	100 psi (7 bar, 0.7 MPa)
Maximum free flow delivery*	15 gpm (57 lpm)	15 gpm (57 lpm)	15 gpm (57 lpm)
Maximum pump speed	400 cpm	400 cpm	400 cpm
Displacement per cycle**	0.04 gallon (0.15 liter)	0.04 gallon (0.15 liter)	0.04 gallon (0.15 liter)
Maximum suction lift ***	15 ft (4.5 m) dry	15 ft (4.5 m) dry	15 ft (4.5 m) dry
Maximum size pumpable solids	0.09 in (2.5 mm)	0.09 in (2.5 mm)	0.09 in (2.5 mm)
Maximum ambient operating temperature†	180°F (82°C)	150°F (66°C)	180°F (82°C)
Maximum diaphragm operating temperature†	Refer to page 5	Refer to page 5	Refer to page 5
Typical sound level at 70 psi (4.9 bar, 0.49 MPa) air @ 125 cpm	74 dBA	74 dBA	74 dBA
Maximum air consumption	28 scfm (0.672 m3/min)	28 scfm (0.672 m3/min)	28 scfm (0.672 m3/min)
Air pressure operating range	30 to 100 psi (2.1 to 7 bar, 0.21 to 0.7 MPa)	30 to 100 psi (2.1 to 7 bar, 0.21 to 0.7 MPa)	30 to 100 psi (2.1 to 7 bar, 0.21 to 0.7 MPa)
Air inlet size	1/4 npt(f)	1/4 npt(f)	1/4 npt(f)
Air exhaust port size	3/8 npt(f)	3/8 npt(f)	3/8 npt(f)
Fluid inlet & outlet size****	1/2 npt(f) or bspt(f)	1/2 npt(f) or bspt(f)	1/2 npt(f) or bspt(f)
Weight	7.8 lb (3.5 kg)	6.5 lb (2.9 kg)	8.5 lb (3.9 kg)
Wetted parts (in addition to ball, seat and diaphragm materials—which may vary by pump)	Groundable Acetal, PTFE, SST	Polypropylene, PTFE, SST	PVDF, PTFE
Instruction manual	308981	308981	308981

* Flow rates are with muffler and do not vary based on diaphragm material.

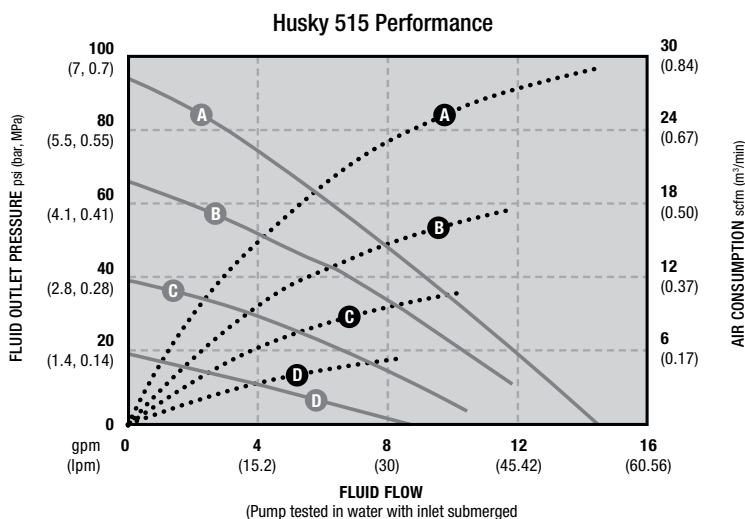
** Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type

*** Duckbill suction lift 11 ft (3.3 m)

**** Hybrid thread allows for either 1/4 npt or 1/4 bspt fitting

† Actual pump performance may be affected by prolonged usage at temperature.

Performance Charts



Husky 716 Metal Pumps

Air-Operated Double Diaphragm



Technical Specifications

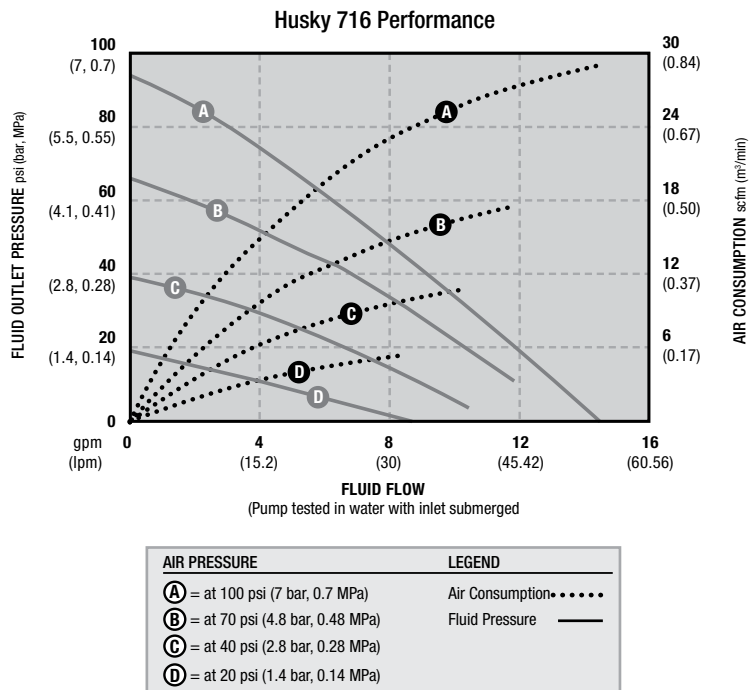
Husky 716 Metal Pumps	Aluminum	Stainless Steel
Maximum fluid working pressure	100 psi (7 bar, 0.7 MPa)	100 psi (7 bar, 0.7 MPa)
Maximum free flow delivery*	16 gpm (61 lpm)	16 gpm (61 lpm)
Maximum pump speed	400 cpm	400 cpm
Displacement per cycle**	0.04 gallon (0.15 liter)	0.04 gallon (0.15 liter)
Maximum suction lift	15 ft (4.5 m) dry	15 ft (4.5 m) dry
Maximum size pumpable solids	0.09 in (2.5 mm)	0.09 in (2.5 mm)
Maximum ambient operating temperature***	180°F (82°C)	180°F (82°C)
Maximum diaphragm operating temperature***	Refer to page 5	Refer to page 5
Typical sound level at 70 psi air (4.9 bar, 0.49 MPa) air @ 200 cpm	74 dBA	74 dBA
Maximum air consumption	28 scfm (0.672 m3/min)	28 scfm (0.672 m3/min)
Air pressure operating range	30 to 100 psi (2.1 to 7 bar, 0.21 to 0.7 MPa)	30 to 100 psi (2.1 to 7 bar, 0.21 to 0.7 MPa)
Air inlet size	1/4 npt(f)	1/4 npt(f)
Air exhaust port size	3/8 npt(f)	3/8 npt(f)
Fluid inlet & outlet size	3/4 npt(f) or bspt(f)	3/4 npt(f) or bspt(f)
Weight	8.5 lb (3.9 kg)	18 lb (8.2 kg)
Wetted parts (in addition to ball, seat and diaphragm materials—which may vary by pump)	Aluminum, Stainless Steel, PTFE, Buna-N, Santoprene, Zinc-Plated Steel	Acetal, Polypropylene, Stainless Steel, Polyester, Santoprene, Fluoroelastomer, Nickel-Plated Brass, Epoxy-Coated Steel
Instruction manual	308981	308981

*Flow rates are with muffler and do not vary based on diaphragm material

**Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type

***Actual pump performance may be affected by prolonged usage at temperature

Performance Charts



Husky 1050 Plastic Pumps

Air-Operated Double Diaphragm



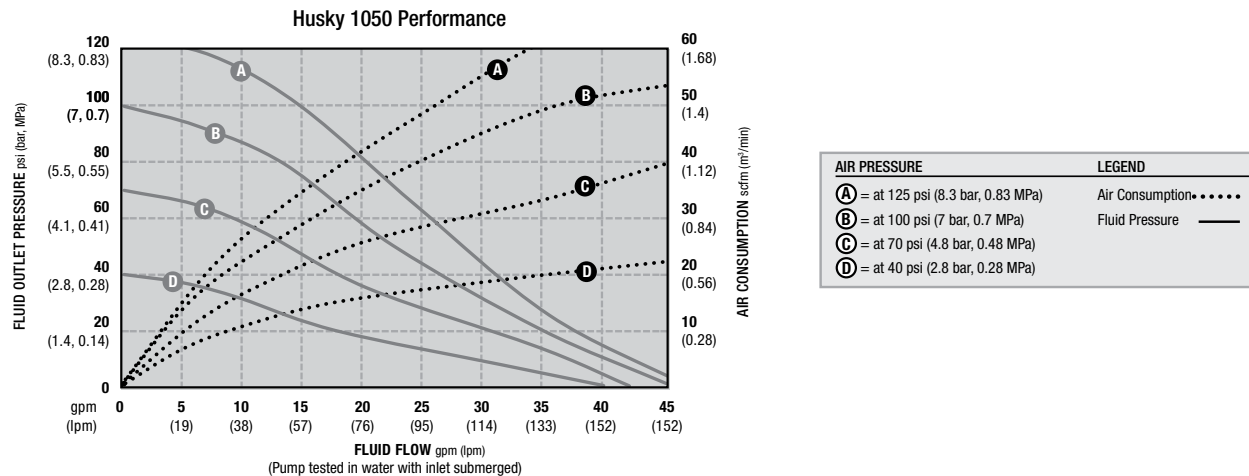
Technical Specifications

Husky 1050 Plastic Pumps	Conductive Polypropylene	Polypropylene	PVDF
Maximum fluid working pressure	125 psi (8.6 bar, 0.86 MPa)	125 psi (8.6 bar, 0.86 MPa)	125 psi (8.6 bar, 0.86 MPa)
Maximum free flow delivery	50 gpm (189 lpm)	50 gpm (189 lpm)	50 gpm (189 lpm)
Maximum pump speed	280 cpm	280 cpm	280 cpm
Displacement per cycle	0.17 gal (0.64 liters)	0.17 gal (0.64 liters)	0.17 gal (0.64 liters)
Maximum suction lift	16 ft (4.9 m) dry, 29 ft (8.8 m) wet	16 ft (4.9 m) dry, 29 ft (8.8 m) wet	16 ft (4.9 m) dry, 29 ft (8.8 m) wet
Maximum size pumpable solids	1/8 in (3.2 mm)	1/8 in (3.2 mm)	1/8 in (3.2 mm)
Sound Power* at 70 psi (4.8 bar, 0.48 MPa) and 50 cpm at 100 psi (7.0 bar, 0.7 MPa) and full flow	78 dBa 90 dBa	78 dBa 90 dBa	78 dBa 90 dBa
Sound Pressure** at 70 psi (4.8 bar, 0.48 MPa) and 50 cpm at 100 psi (7.0 bar, 0.7 MPa) and full flow	84 dBa 96 dBa	84 dBa 96 dBa	84 dBa 96 dBa
Maximum air consumption	67 scfm	67 scfm	67 scfm
Air consumption at 70 psi (4.8 bar, 0.48 MPa), 20 gpm (76 lpm)	25 scfm	25 scfm	25 scfm
Air pressure operating range	20-125 psi (1.4-8.6 bar, 0.14-0.86 MPa)	20-125 psi (1.4-8.6 bar, 0.14-0.86 MPa)	20-125 psi (1.4-8.6 bar, 0.14-0.86 MPa)
Air inlet size	1/2 npt(f)	1/2 npt(f)	1/2 npt(f)
Fluid inlet size	1 in raised face ANSI/DIN flange	1 in raised face ANSI/DIN flange	1 in raised face ANSI/DIN flange
Fluid outlet size	1 in raised face ANSI/DIN flange	1 in raised face ANSI/DIN flange	1 in raised face ANSI/DIN flange
Weight	18 lb (8.2 kg)	18 lb (8.2 kg)	26 lb (11.8 kg)
Wetted parts	polypropylene and material(s) chosen for seat, ball, and diaphragm options	polypropylene and material(s) chosen for seat, ball, and diaphragm options	PVDF and material(s) chosen for seat, ball, and diaphragm options
Non-wetted Parts Center Bolts	polypropylene stainless steel	polypropylene stainless steel	polypropylene stainless steel
Instruction manual	312877	312877	312877
Repair/parts manual	313435	313435	313435

* Sound power measured per ISO-9614-2.

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

Performance Charts



Husky 1050 Metal Pumps

Air-Operated Double Diaphragm

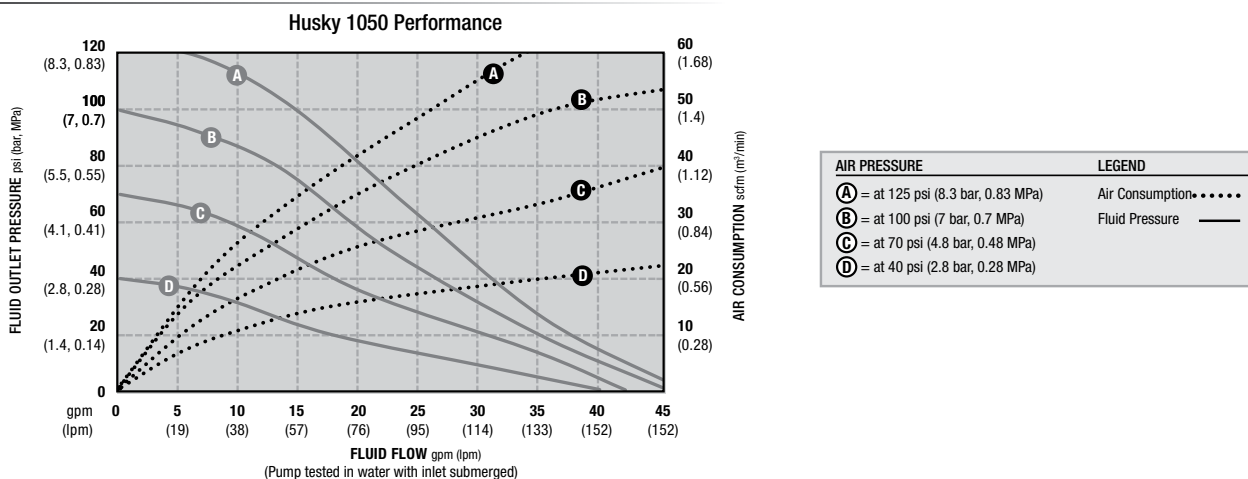


Technical Specifications

Husky 1050 Metal Pumps	Aluminum	Stainless Steel	Hastelloy
Maximum fluid working pressure	125 psi (8.6 bar, 0.86 MPa)	125 psi (8.6 bar, 0.86 MPa)	125 psi (8.6 bar, 0.86 MPa)
Maximum free flow delivery	50 gpm (189 lpm)	50 gpm (189 lpm)	50 gpm (189 lpm)
Maximum pump speed	280 cpm	280 cpm	280 cpm
Displacement per cycle	0.17 gal (0.64 liters)	0.17 gal (0.64 liters)	0.17 gal (0.64 liters)
Maximum suction lift	16 ft (4.9 m) dry, 29 ft (8.8 m) wet	16 ft (4.9 m) dry, 29 ft (8.8 m) wet	16 ft (4.9 m) dry, 29 ft (8.8 m) wet
Maximum size pumpable solids	1/8 in (3.2 mm)	1/8 in (3.2 mm)	1/8 in (3.2 mm)
Sound Power* at 70 psi (4.8 bar, 0.48 MPa) and 50 cpm at 100 psi (7.0 bar, 0.7 MPa) and full flow	78 dBA 90 dBA	78 dBA 90 dBA	78 dBA 90 dBA
Sound Pressure** at 70 psi (4.8 bar, 0.48 MPa) and 50 cpm at 100 psi (7.0 bar, 0.7 MPa) and full flow	84 dBA 96 dBA	84 dBA 96 dBA	84 dBA 96 dBA
Maximum air consumption	67 scfm	67 scfm	67 scfm
Air consumption at 70 psi (4.8 bar, 0.48 MPa), 20 gpm (76 lpm)	25 scfm	25 scfm	25 scfm
Air pressure operating range	20-125 psi (1.4-8.6 bar, 0.14-0.86 MPa)	20-125 psi (1.4-8.6 bar, 0.14-0.86 MPa)	20-125 psi (1.4-8.6 bar, 0.14-0.86 MPa)
Air inlet size	1/2 npt(f)	1/2 npt(f)	1/2 npt(f)
Fluid inlet size	1 in npt(f) or 1 in bspt	1 in npt(f) or 1 in bspt	1 in npt(f) or 1 in bspt
Fluid outlet size	1 in npt(f) or 1 in bspt	1 in npt(f) or 1 in bspt	1 in npt(f) or 1 in bspt
Weight	23 lb (10.5 kg)	with conductive polypropylene center 36.3 lb (16.5 kg) with polypropylene center 37.3 lb (16.9 kg) with aluminum center 41.4 lb (18.8 kg)	41 lb (18.6 kg)
Wetted parts	aluminum and material(s) chosen for seat, ball, and diaphragm options	stainless steel and material(s) chosen for seat, ball, and diaphragm options	hastelloy, stainless steel and material(s) chosen for seat, ball, and diaphragm options
Non-wetted Parts Center Bolts	aluminum coated carbon steel	polypropylene stainless steel	aluminum stainless steel
Instruction manual	312877	312877	312877
Repair/parts manual	313435	313435	313435

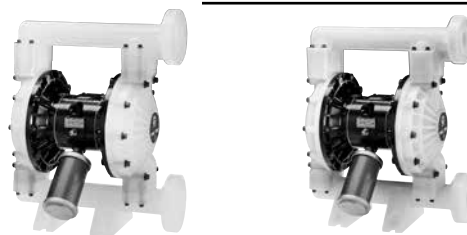
* Sound power measured per ISO-9614-2. ** Sound pressure was tested 3.28 ft (1 m) from equipment.

Performance Charts



Husky 1590 Plastic Pumps

Air-Operated Double Diaphragm



Technical Specifications

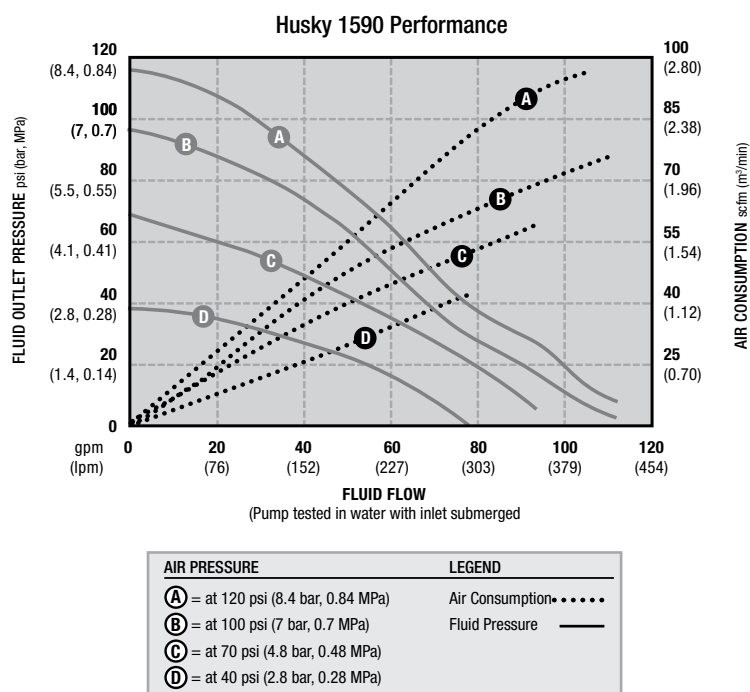
Husky 1590 Plastic Pumps	Polypropylene	PVDF
Maximum fluid working pressure	120 psi (8.4 bar, 0.84 MPa)	120 psi (8.4 bar, 0.84 MPa)
Maximum free flow delivery*	100 gpm (378.5 lpm)	100 gpm (378.5 lpm)
Maximum pump speed	200 cpm	200 cpm
Displacement per cycle**	0.5 gallon (1.96 liter)	0.5 gallon (1.96 liter)
Maximum suction lift (DB2366)	20 ft (6.1 m) dry	20 ft (6.1 m) dry
Maximum size pumpable solids	0.19 in (4.8 mm)	0.19 in (4.8 mm)
Maximum operating temperature***	150°F (65.5°C)	150°F (65.5°C)
Maximum diaphragm operating temperature***		
PTFE	220°F (104.4°C)	220°F (104.4°C)
Santoprene	180°F (82.2°C)	180°F (82.2°C)
Buna-N	180°F (82.2°C)	180°F (82.2°C)
TPE	150°F (65.5°C)	150°F (65.5°C)
Fluoroelastomer	250°F (121.1°C)	250°F (121.1°C)
Geolast	150°F (65.5°C)	150°F (65.5°C)
Typical sound level at 70 psi (4.9 bar, 0.49 MPa) air @ 125 cpm	77 dBa	77 dBa
Maximum air consumption	125 scfm (3.5 m3/min.)	125 scfm (3.5 m3/min.)
Air pressure operating range	20 to 120 psi (1.4 to 8.4 bar, 0.14 to 0.84 MPa)	20 to 120 psi (1.4 to 8.4 bar, 0.14 to 0.84 MPa)
Air inlet size	1/2 npt(f)	1/2 npt(f)
Fluid inlet & outlet size****	1-1/2 in (38.1 mm) ANSI-flange	1-1/2 in (38.1 mm) ANSI-flange
Weight	35 lb (16 kg)	49 lb (22 kg)
Weight with stainless steel center section	48.3 lb (21.9 kg)	62.3 lb (28.2 kg)
Instruction manual	308549	308549

* Flow rates are with muffler and do not vary based on diaphragm material

** Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type

*** Actual pump performance may be affected by prolonged usage at temperature

Performance Charts



Husky 1590 Metal Pumps

Air-Operated Double Diaphragm



Technical Specifications

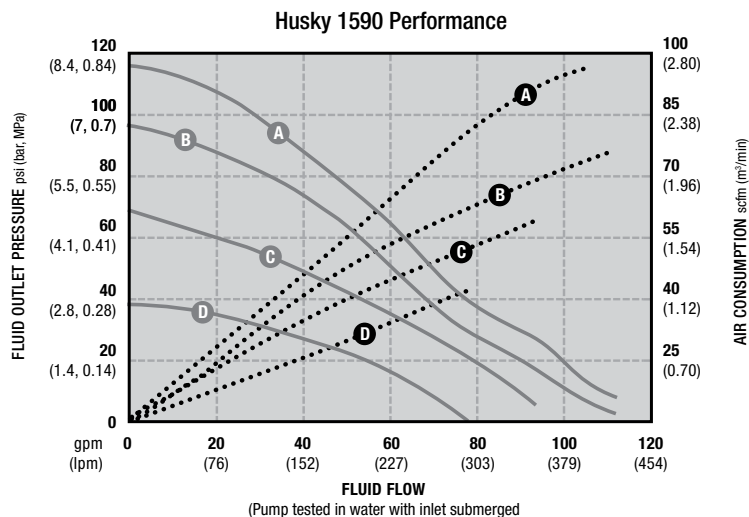
Husky 1590 Metal Pumps	Aluminum	Stainless Steel
Maximum fluid working pressure	120 psi (8.4 bar, 0.84 MPa)	120 psi (8.4 bar, 0.84 MPa)
Maximum free flow delivery*	100 gpm (378.5 lpm)	100 gpm (378.5 lpm)
Maximum pump speed	200 cpm	200 cpm
Displacement per cycle**	0.5 gallon (1.96 liter)	0.5 gallon (1.96 liter)
Maximum suction lift (DB2366)	20 ft (6.1 m) dry	20 ft (6.1 m) dry
Maximum size pumpable solids	0.19 in (4.8 mm)	0.19 in (4.8 mm)
Maximum operating temperature***	150°F (65.5°C)	150°F (65.5°C)
Maximum diaphragm operating temperature***		
PTFE	220°F (104.4°C)	220°F (104.4°C)
Santoprene	180°F (82.2°C)	180°F (82.2°C)
Buna-N	180°F (82.2°C)	180°F (82.2°C)
TPE	150°F (65.5°C)	150°F (65.5°C)
Fluoroelastomer	250°F (121.1°C)	250°F (121.1°C)
Geolast	150°F (65.5°C)	150°F (65.5°C)
Typical sound level at 70 psi (4.9 bar, 0.49 MPa) air @ 125 cpm	77 dBa	77 dBa
Maximum air consumption	125 scfm (3.5 m3/min.)	125 scfm (3.5 m3/min.)
Air pressure operating range	20 to 120 psi (1.4 to 8.4 bar, 0.14 to 0.84 MPa)	20 to 120 psi (1.4 to 8.4 bar, 0.14 to 0.84 MPa)
Air inlet size	1/2 npt(f)	1/2 npt(f)
Fluid inlet & outlet size****	1-1/2 npt(f) or bspt(f)	1-1/2 npt(f) or bspt(f)
Weight	33.5 lb (15.2 kg)	86 lb (40 kg)
Weight with stainless steel center section	n/a	98.8 lb (44.8 kg)
Instruction manual	308441	308441

*Flow rates are with muffler and do not vary based on diaphragm material

**Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type

*** Actual pump performance may be affected by prolonged usage at temperature

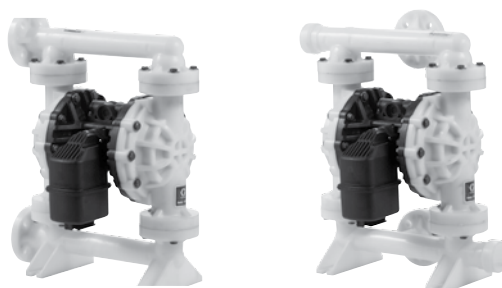
Performance Charts



AIR PRESSURE	LEGEND
Ⓐ = at 120 psi (8.4 bar, 0.84 MPa)	Air Consumption.....
Ⓑ = at 100 psi (7 bar, 0.7 MPa)	Fluid Pressure ———
Ⓒ = at 70 psi (4.8 bar, 0.48 MPa)	
Ⓓ = at 40 psi (2.8 bar, 0.28 MPa)	

Husky 15120 Plastic Pumps

Air-Operated Double Diaphragm



Technical Specifications

Husky 15120 Pumps	Polypropylene	PVDF
Maximum fluid working pressure	125 psi (8.6 bar, 0.86 MPa)	125 psi (8.6 bar, 0.86 MPa)
Maximum free flow delivery*	120 gpm (454 lpm)	120 gpm (454 lpm)
Maximum pump speed	190 cpm	190 cpm
Displacement per cycle**	0.63 gallon (2.4 liter)	0.63 gallon (2.4 liter)
Maximum suction lift (DB2366)	16 ft (4.9 m) dry	16 ft (4.9 m) dry
Maximum size pumpable solids	0.25 in (6.3 mm)	0.25 in (6.3 mm)
Maximum operating temperature***	150°F (65.5°C)	225°F (107°C)
Maximum diaphragm operating temperature***		
PTFE	150°F (65.5°C)	220°F (104.4°C)
PTFE overmolded diaphragm	150°F (65.5°C)	180°F (82.2°C)
Santoprene	150°F (65.5°C)	180°F (82.2°C)
Buna-N	150°F (65.5°C)	180°F (82.2°C)
TPE	150°F (65.5°C)	150°F (65.5°C)
Fluoroelastomer	150°F (65.5°C)	225°F (107°C)
Geolast	150°F (65.5°C)	150°F (65.5°C)
Typical sound power at 70 psi (4.9 bar, 0.49 MPa) air @ 50 cpm	90.9 dBa	90.9 dBa
Maximum air consumption	85 scfm (2.4 m³/min.)	85 scfm (2.4 m³/min.)
Air pressure operating range	20 to 125 psi (1.4 to 8.6 bar, 0.14 to 0.86 MPa)	20 to 125 psi (1.4 to 8.6 bar, 0.14 to 0.86 MPa)
Air inlet size	1/2 npt(f)	1/2 npt(f)
Fluid inlet & outlet size	1-1/2 npt(f) or bspt(f)	1-1/2 npt(f) or bspt(f)
Weight	57 lb (25.9 kg)	74 lb (33.5 kg)
Instruction manual	3A2888	3A2888

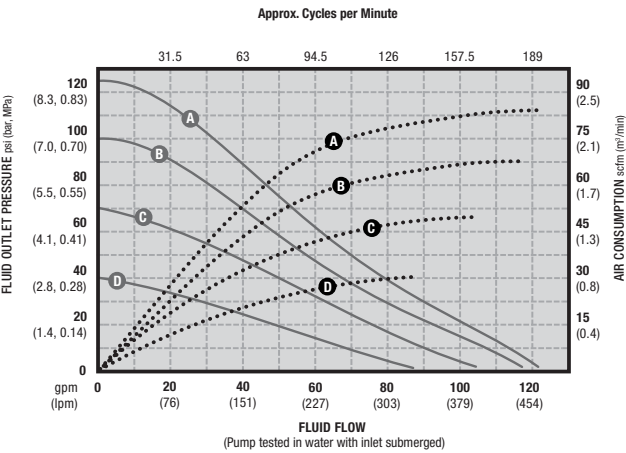
*Flow rates are with muffler and do not vary based on diaphragm material

**Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type

*** Actual pump performance may be affected by prolonged usage at temperature

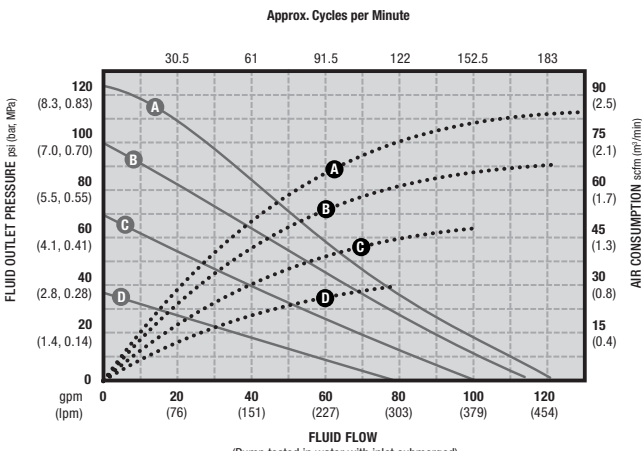
Performance Charts

1-Piece Bolt Through Design



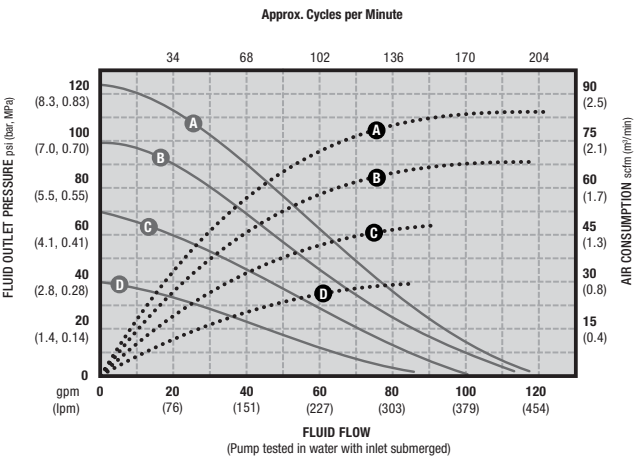
AIR PRESSURE	LEGEND
A = at 125 psi (8.3 bar, 0.83 MPa)	Air Consumption.....
B = at 100 psi (7 bar, 0.7 MPa)	Fluid Pressure ———
C = at 70 psi (4.8 bar, 0.48 MPa)	
D = at 40 psi (2.8 bar, 0.28 MPa)	

2-Piece Bolt Through Design



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)	

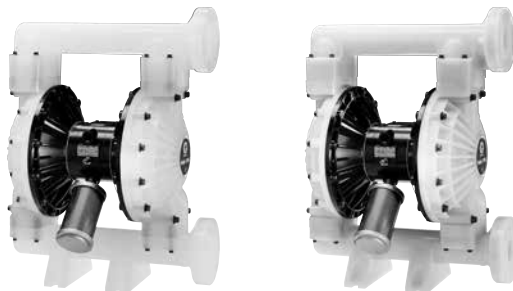
Overmolded Design



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)	

Husky 2150 Plastic Pumps

Air-Operated Double Diaphragm



Technical Specifications

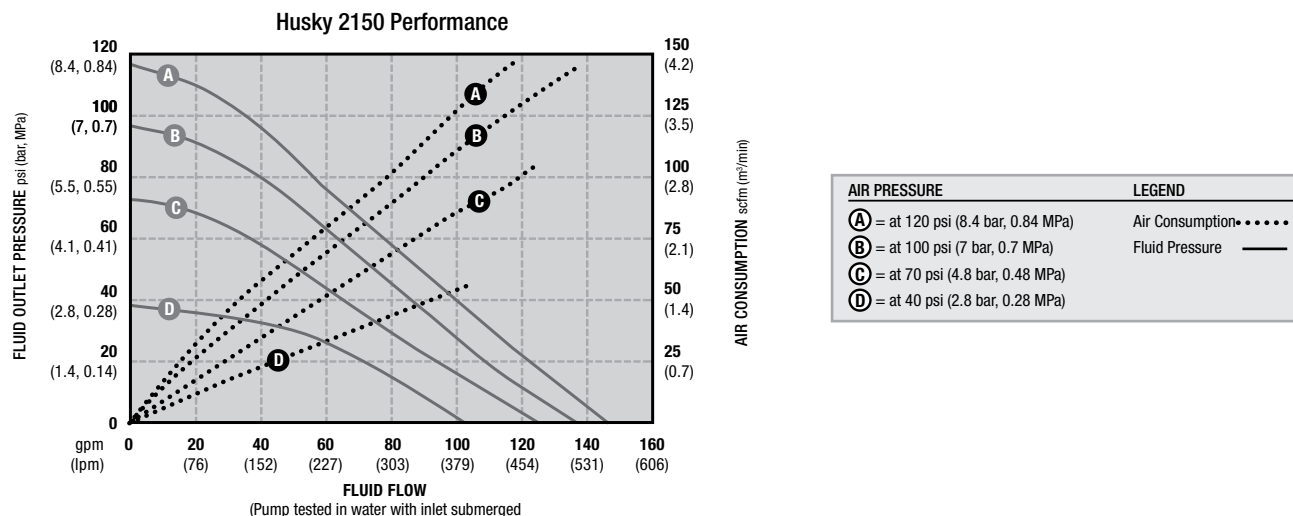
Husky 2150 Plastic Pumps	Polypropylene	PVDF
Maximum fluid working pressure	120 psi (8.4 bar, 0.84 MPa)	120 psi (8.4 bar, 0.84 MPa)
Maximum free flow delivery*	150 gpm (568 lpm)	150 gpm (568 lpm)
Maximum pump speed	145 cpm	145 cpm
Displacement per cycle**	1.03 gallon (3.90 liter)	1.03 gallon (3.90 liter)
Maximum suction lift	18 ft (5.48 m) wet or dry	18 ft (5.48 m) wet or dry
Maximum size pumpable solids	0.25 in (6.3 mm)	0.25 in (6.3 mm)
Maximum operating temperature***	150°F (65.5°C)	150°F (65.5°C)
Maximum diaphragm operating temperature***		
PTFE	220°F (104.4°C)	220°F (104.4°C)
Santoprene	180°F (82.2°C)	180°F (82.2°C)
Buna-N	180°F (82.2°C)	180°F (82.2°C)
TPE	150°F (65.5°C)	150°F (65.5°C)
Fluoroelastomer	250°F (121.1°C)	250°F (121.1°C)
Geolast	150°F (65.5°C)	150°F (65.5°C)
Typical sound level at 70 psi (4.9 bar, 0.49 MPa) air @ 125 cpm	78 dBa	78 dBa
Maximum air consumption	175 scfm (4.9 m3/min)	175 scfm (4.9 m3/min)
Air consumption at 70 psi/60 gpm	60 scfm (1.7 m3/min)	60 scfm (1.7 m3/min)
Air pressure operating range	20 to 120 psi (1.4 to 8.4 bar, 0.14 to 0.84 MPa)	20 to 120 psi (1.4 to 8.4 bar, 0.14 to 0.84 MPa)
Air inlet size	1/2 npt(f)	1/2 npt(f)
Fluid inlet & outlet size****	2 in (51 mm) ANSI-flange	2 in (51 mm) ANSI-flange
Weight	49 lb (22 kg)	68 lb (30.8 kg)
Weight with stainless steel center section	68.5 lb (31 kg)	87.5 lb (39.6 kg)
Instruction manual	308550	308550

* Flow rates are with muffler and do not vary based on diaphragm material

** Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type

*** Actual pump performance may be affected by prolonged usage at temperature

Performance Charts



Husky 2150 Metal Pumps

Air-Operated Double Diaphragm



Technical Specifications

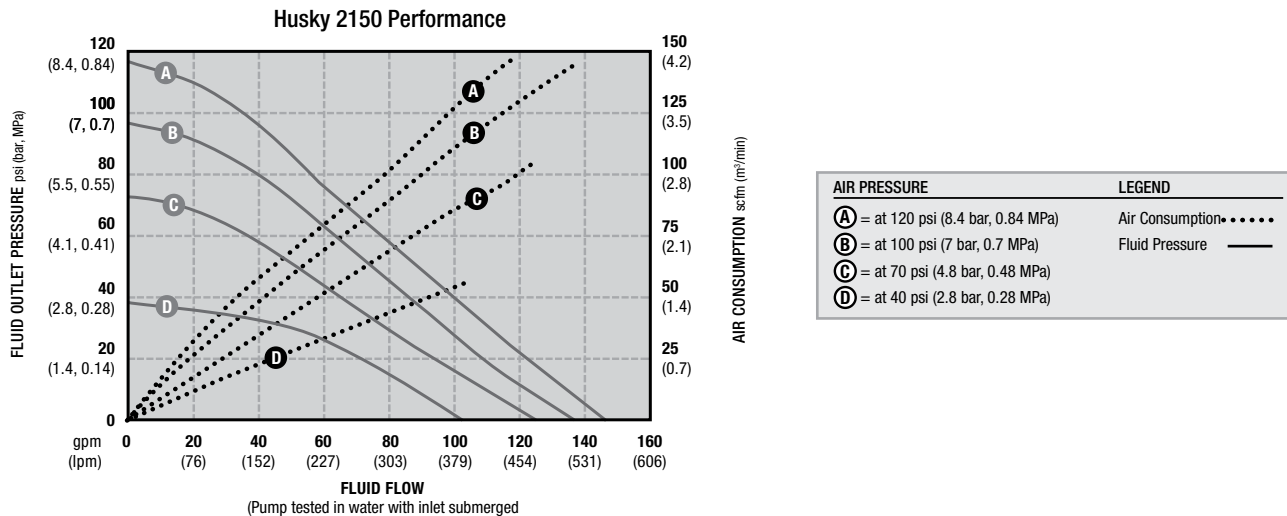
Husky 2150 Metal Pumps	Aluminum	Stainless Steel	Ductile Iron
Maximum fluid working pressure	120 psi (8.4 bar, 0.84 MPa)	120 psi (8.4 bar, 0.84 MPa)	120 psi (8.4 bar, 0.84 MPa)
Maximum free flow delivery*	150 gpm (568 lpm)	150 gpm (568 lpm)	150 gpm (568 lpm)
Maximum pump speed	145 cpm	145 cpm	145 cpm
Displacement per cycle**	1.03 gallon (3.90 liter)	1.03 gallon (3.90 liter)	1.03 gallon (3.90 liter)
Maximum suction lift (DF3666)	20 ft (6.1 m) dry	20 ft (6.1 m) dry	20 ft (6.1 m) dry
Maximum size pumpable solids	0.25 in (6.3 mm)	0.25 in (6.3 mm)	0.25 in (6.3 mm)
Maximum operating temperature***	150°F (65.5°C)	150°F (65.5°C)	150°F (65.5°C)
Maximum diaphragm operating temperature***			
PTFE	220°F (104.4°C)	220°F (104.4°C)	220°F (104.4°C)
Santoprene	180°F (82.2°C)	180°F (82.2°C)	180°F (82.2°C)
Buna-N	180°F (82.2°C)	180°F (82.2°C)	180°F (82.2°C)
TPE	150°F (65.5°C)	150°F (65.5°C)	150°F (65.5°C)
Fluoroelastomer	250°F (121.1°C)	250°F (121.1°C)	250°F (121.1°C)
Geolast	150°F (65.5°C)	150°F (65.5°C)	150°F (65.5°C)
Typical sound level at 70 psi (4.9 bar, 0.49 MPa) air @ 125 cpm	78 dBA	78 dBA	78 dBA
Maximum air consumption	175 scfm (4.9 m3/min)	175 scfm (4.9 m3/min)	175 scfm (4.9 m3/min)
Air pressure operating range	20 to 120 psi (1.4 to 8.4 bar, 0.14 to 0.84 MPa)	20 to 120 psi (1.4 to 8.4 bar, 0.14 to 0.84 MPa)	20 to 120 psi (1.4 to 8.4 bar, 0.14 to 0.84 MPa)
Air inlet size	1/2 npt(f)	1/2 npt(f)	1/2 npt(f)
Fluid inlet & outlet size****	2 in (51 mm) npt(f)	2 in (51 mm) npt(f)	2 in (51 mm) npt(f)
Weight	58 lb (26.3 kg) 62 lb (28.1 kg) - Extended	111 lb (50 kg)	130 lb (59 kg)
Weight with stainless steel center section	n/a	134 lb (60 kg)	n/a
Instruction manual	308368	308368	308368

* Flow rates are with muffler and do not vary based on diaphragm material

** Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type

*** Actual pump performance may be affected by prolonged usage at temperature

Performance Charts



Husky 2200 Plastic Pumps

Air-Operated Double Diaphragm



Technical Specifications

Husky 2200 Pumps	Polypropylene	PVDF
Maximum fluid working pressure	125 psi (8.6 bar, 0.86 MPa)	125 psi (8.6 bar, 0.86 MPa)
Maximum free flow delivery*	200 gpm (757 lpm)	200 gpm (757 lpm)
Maximum pump speed		
Standard diaphragm	125 cpm	125 cpm
Overmolded diaphragm	155 cpm	155 cpm
Displacement per cycle**		
Standard diaphragm	1.6 gallon (6.1 liter)	1.6 gallon (6.1 liter)
Overmolded diaphragm	1.3 gallons (4.9 liter)	1.3 gallons (4.9 liter)
Maximum suction lift (DB2366)	16 ft (4.9 m) dry	16 ft (4.9 m) dry
Maximum size pumpable solids	0.25 in (6.3 mm)	0.25 in (6.3 mm)
Maximum operating temperature***	150°F (65.5°C)	225°F (107°C)
Maximum diaphragm operating temperature***		
PTFE	150°F (65.5°C)	220°F (104.4°C)
PTFE overmolded diaphragm	150°F (65.5°C)	180°F (82.2°C)
Santoprene	150°F (65.5°C)	180°F (82.2°C)
Buna-N	150°F (65.5°C)	180°F (82.2°C)
TPE	150°F (65.5°C)	150°F (65.5°C)
Fluoroelastomer	150°F (65.5°C)	225°F (107°C)
Geolast	150°F (65.5°C)	150°F (65.5°C)
Typical sound power at 70 psi (4.9 bar, 0.49 MPa) air @ 50 cpm	95.2 dBa	90.9 dBa
Maximum air consumption		
Standard diaphragm	140 scfm (4.0 m³/min.)	140 scfm (4.0 m³/min.)
Overmolded diaphragm	157 scfm (4.4 m³/min.)	157 scfm (4.4 m³/min.)
Air pressure operating range	20 to 125 psi (1.4 to 8.6 bar, 0.14 to 0.86 MPa)	20 to 125 psi (1.4 to 8.6 bar, 0.14 to 0.86 MPa)
Air inlet size	3/4 npt(f)	3/4 npt(f)
Fluid inlet & outlet size	2 npt(f) or bspt(f)	2 npt(f) or bspt(f)
Weight	80 lb (36.3 kg)	106 lb (48.1 kg)
Instruction manual	3A2578	3A2578

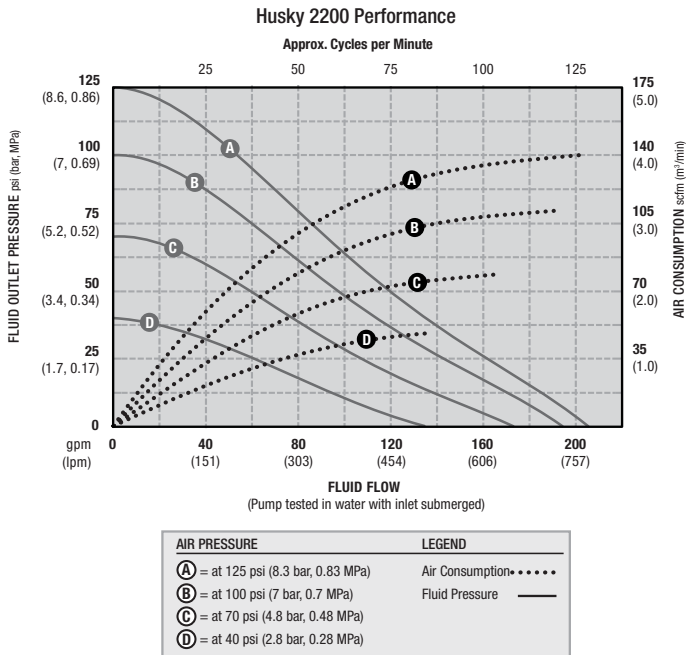
*Flow rates are with muffler and do not vary based on diaphragm material

**Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type

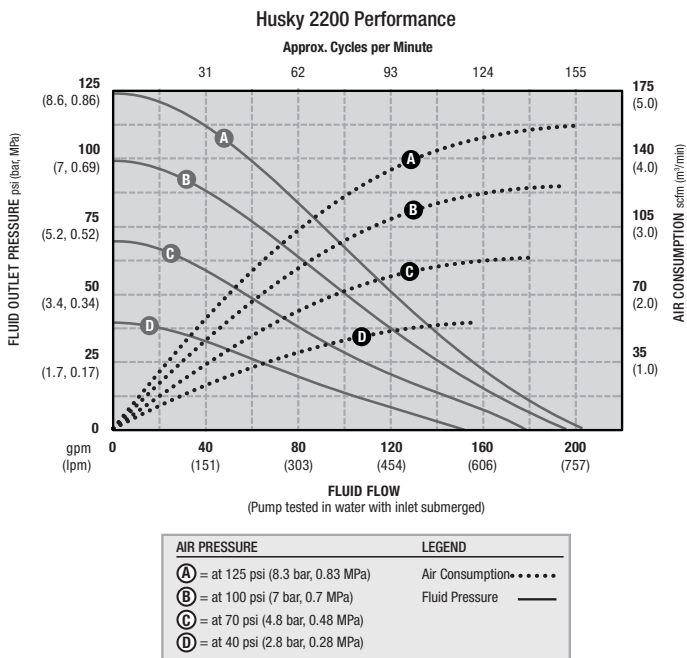
*** Actual pump performance may be affected by prolonged usage at temperature

Performance Charts

Bolt Through Design



Overmolded Design



Husky 3300 Plastic Pumps

Air-Operated Double Diaphragm



Technical Specifications

Husky 3300 Plastic Pumps	Polypropylene
Maximum fluid working pressure	100 psi (7.0 bar, 0.7 MPa)
Maximum free flow delivery*	
Standard diaphragms at 100 psi (7.0 bar, 0.7 MPa)	280 gpm (1,059 lpm)
Overmolded diaphragms at 100 psi (7.0 bar, 0.7 MPa)	260 gpm (984 lpm)
Maximum pump speed*	
Standard diaphragms at 100 psi (7.0 bar, 0.7 MPa)	97 cpm
Overmolded diaphragms at 100 psi (7.0 bar, 0.7 MPa)	130 cpm
Maximum suction lift *	8 ft (2.4 m) dry
(varies widely based on ball/seat selection and wear, operating speed, material properties, and other variables)	
Maximum size pumpable solids	0.5 in (13 mm)
Noise (dBA)***	
Sound Power at 50 psi (3.4 bar) and 50 cpm	92 dBA
Sound Power at 120 psi (8.3 bar) and full flow	99 dBA
Sound Pressure at 50 psi (3.4 bar) and 50 cpm	86 dBA
Sound Pressure at 120 psi (8.3 bar) and full flow	93 dBA
Maximum air consumption	275 scfm (7.8 m³/min.)
Air pressure operating range	20 to 100 psi (1.4 to 7.0 bar, 0.14 to 0.7 MPa)
Air inlet size	3/4 npt(f)
Fluid inlet/outlet	3 in (76.2 mm) ANSI/DIN flange
Weight	200 lb (91 kg)
Instruction manual	3A0410
Repair/parts manual	3A0411

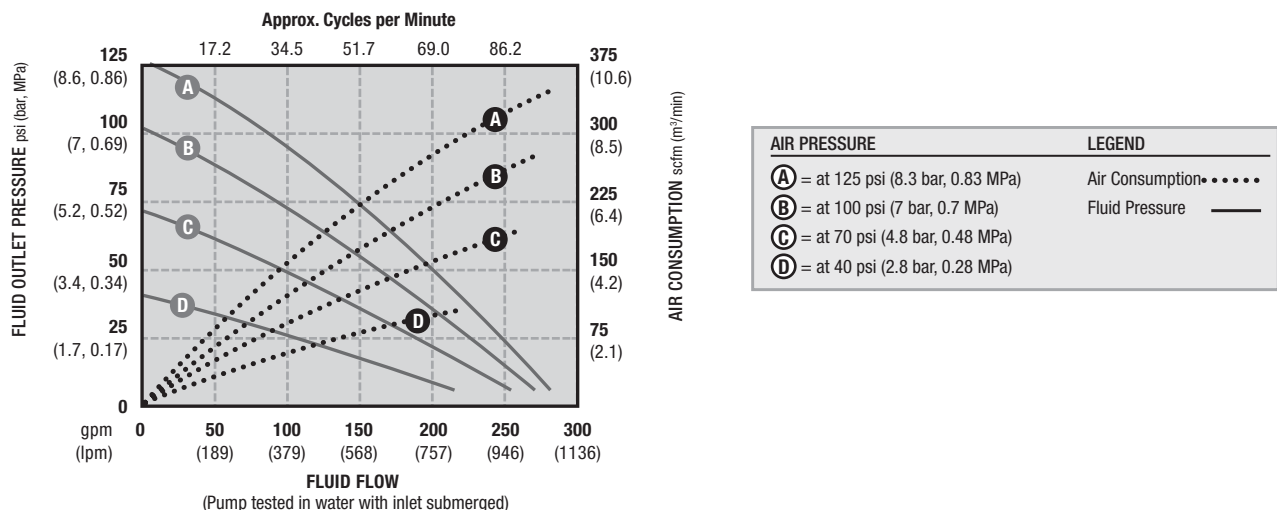
* Maximum values with water as media at ambient temperature. Water level is approximately 3 feet above pump inlet.

** Startup pressures and displacement per cycle may vary based on suction condition, discharge head, air pressure, and fluid type.

*** Sound power measured per ISO-9614-2. Sound pressure was tested 3.28 ft (1 m) from equipment.

Performance Charts

Husky 3300 Performance



Husky 3300 Metal Pumps

Air-Operated Double Diaphragm



Technical Specifications

Husky 3300 Metal Pumps	Aluminum	Stainless Steel
Maximum fluid working pressure with Aluminum Center Section with Polypropylene Center Section	125 psi (8.6 bar, 0.86 MPa)	125 psi (8.6 bar, 0.86 MPa) 100 psi (7.0 bar, 0.7 MPa)
Maximum free flow delivery*		
Standard diaphragms at 125 psi (8.6 bar, 0.86 MPa)	300 gpm (1,135 lpm)	300 gpm (1,135 lpm)
Standard diaphragms at 100 psi (7.0 bar, 0.7 MPa)	280 gpm (1,059 lpm)	280 gpm (1,059 lpm)
Overmolded diaphragms at 125 psi (8.6 bar, 0.86 MPa)	270 gpm (1,022 lpm)	270 gpm (1,022 lpm)
Overmolded diaphragms at 100 psi (7.0 bar, 0.7 MPa)	260 gpm (984 lpm)	260 gpm (984 lpm)
Maximum pump speed*		
Standard diaphragms at 125 psi (8.6 bar, 0.86 MPa)	103 cpm	103 cpm
Standard diaphragms at 100 psi (7.0 bar, 0.7 MPa)	97 cpm	97 cpm
Overmolded diaphragms at 125 psi (8.6 bar, 0.86 MPa)	135 cpm	135 cpm
Overmolded diaphragms at 100 psi (7.0 bar, 0.7 MPa)	130 cpm	130 cpm
Maximum suction lift * (varies widely based on ball/seat selection and wear, operating speed, material properties, and other variables)	8 ft (2.4 m) dry 28 ft (8.5 m) wet	8 ft (2.4 m) dry 28 ft (8.5 m) wet
Maximum size pumpable solids	0.5 in (13 mm)	0.5 in (13 mm)
Noise (dBA)***		
Sound Power at 50 psi (3.4 bar) and 50 cpm	92 dBA	92 dBA
Sound Power at 120 psi (8.3 bar) and full flow	99 dBA	99 dBA
Sound Pressure at 50 psi (3.4 bar) and 50 cpm	86 dBA	86 dBA
Sound Pressure at 120 psi (8.3 bar) and full flow	93 dBA	93 dBA
Maximum air consumption with Aluminum Center Section with Polypropylene Center Section	335 scfm (9.5 m ³ /min.)	335 scfm (9.5 m ³ /min.) 275 scfm (7.8 m ³ /min.)
Air pressure operating range with Aluminum Center Section with Polypropylene Center Section	20 to 125 psi (1.4 to 8.6 bar, 0.14 to 0.86 MPa)	20 to 125 psi (1.4 to 8.6 bar, 0.14 to 0.86 MPa) 20 to 100 psi (1.4 to 7.0 bar, 0.14 to 0.7 MPa)
Air inlet size	3/4 npt(f)	3/4 npt(f)
Fluid inlet	3 in (76.2 mm) npt or bspt with ANSI/DIN flange	3 in (76.2 mm) npt or bspt
Weight	150 lb (68 kg)	255 lb (116 kg)
Instruction manual	3A0410	3A0410
Repair/parts manual	3A0411	3A0411

* Maximum values with water as media at ambient temperature. Water level is approximately 3 feet above pumpinlet.

** Startup pressures and displacement per cycle may vary based on suction condition, discharge head, air pressure, and fluid type.

*** Sound power measured per ISO-9614-2. Sound pressure was tested 3.28 ft (1 m) from equipment.

Performance Charts

