



First choice when  
quality counts.™

# Husky™ 1040

## Air-Operated Double Diaphragm Pump



*Aluminum*



*SST*



*Acetal*



*Polypropylene*



*Kynar*

**A hard working  
pump for  
a wide variety  
of fluids**

- **High flow – 40 gpm (151 lpm) in a compact, portable size**
- **Fluid pressure to 120 psi (8.4 bar, 0.84 MPa)**
- **E-coated center section for corrosive environments**
- **Equipped with a tried and true air valve system**
- **Stainless steel exterior hardware**
- **On-line serviceable air valve**

Your Husky 1040 is a pump ready for action. With high flow rates, it can take on a large range of fluids to meet a wide variety of needs.

Smooth, clean fluid passages permit the use of heavier fluids at faster flow rates. The Husky 1040 has a new air valve system that is 100% serviceable without disassembly of the wetted parts.

You have a choice of five models: the aluminum all-around general purpose pump; passivated 316 stainless steel to better handle the more abrasive or corrosive fluids; acetal for paints/solvents; polypropylene for general chemicals; and Kynar for very aggressive chemicals or elevated temperatures. Each model has a selection of conversion kits, making it easy to adapt your pump to your specific fluid needs. UL listed models are also available.

### Typical Applications

- Drum fluid transfer
- Unloading fluids
- Chemical evacuation
- Ceramic glaze supply
- Dewatering and sump evacuation

### Typical Fluids Handled

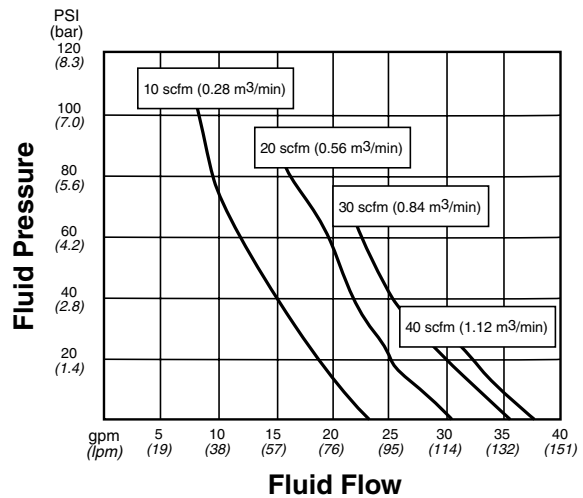
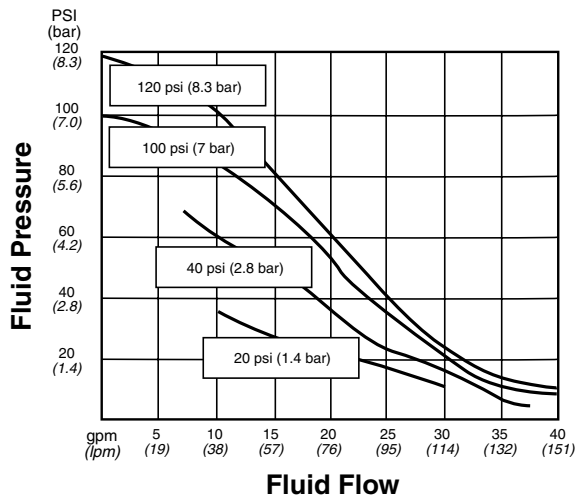
- Tank and sump drainage, sewer cleaning, chemicals, contaminated surface water, emergency pumping
- Adhesives, varnishes, dispersions, solvents, stains
- Resins, latexes, wood preservative stains, concrete paints, primers

# Technical Specifications



Maximum fluid pressure .....	120 psi (8.4 bar, 0.84 MPa)
Maximum free flow delivery .....	40 gpm (151 lpm)
Maximum pump speed .....	276 cpm
Gallons (liters) per cycle .....	0.15 gal. (0.57 lpm)
Maximum size pumpable solids .....	1/8 in. (3.2 mm)
Maximum suction lift – wet or dry .....	18 ft. (5.48 m)
Air pressure operating range .....	20-120 psi (1.4-8.4 bar, 0.14-0.84 MPa)
Maximum operating temperature .....	150°F (65.5°C)
	200°F (93.3°C) for models with Teflon diaphragms and metal or Kynar housings
Typical noise level (at 70 psi [4.8 bar, 0.48 MPa], 50 cpm) .....	77 dBA
Air inlet .....	1/2 npt(f)
<b>Fluid inlet and outlet</b>	
Aluminum & Stainless Steel .....	1 npt(f)
Acetal, Polypropylene & Kynar .....	1 in. raised face flange
<b>Weight</b>	
Aluminum .....	18 lbs. (8.2 kg)
Stainless Steel .....	33 lbs. (15 kg)
Acetal .....	22 lbs. (10 kg)
Polypropylene .....	19 lbs. (8.6 kg)
Kynar .....	25 lbs. (11.3 kg)
<b>Size</b>	
Aluminum & Stainless Steel .....	12 in. W x 14 in. H x 9-1/4 in. D (304.8 mm W x 355.6 mm H x 235 mm D)
Acetal, Polypropylene & Kynar .....	13.5 in. x W x 16.88 in. H x 9-1/4 in. D (342.9 mm W x 428.8 mm H x 235 mm D)
Mounting hole layout .....	5 in. x 5-1/2 in. (127 mm x 139.7 mm)
Wall bracket mounting hole pattern ..	6.24 in. W x 5.38 in. H (158.5 mm W x 136.7 mm H)
<b>Instruction manual</b>	
Aluminum & Stainless Steel .....	308-479
Acetal, Polypropylene & Kynar .....	308-443

## Husky 1040 Performance Chart (Inlet Submerged in Water)



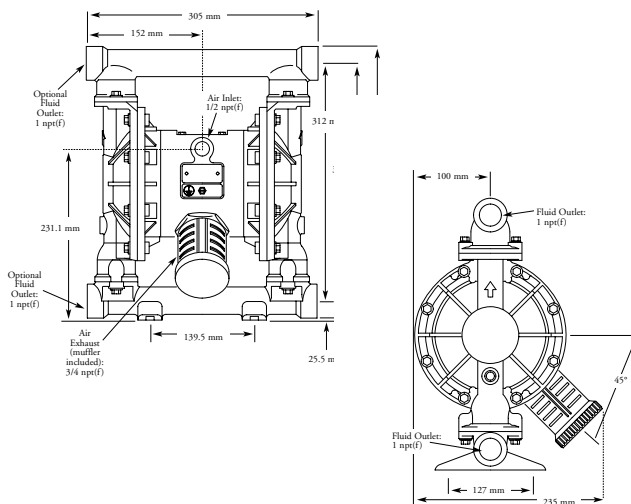
# Husky 1040 Pump Accessories

- 235-409 Fluid Pressure Relief Valve Kit**  
 Venting pressure: 150 psi (10.5 bar, 1.05 MPa).  
*For use with aluminum pumps only.*
- 110-234 Air Regulator**  
 Max. working pressure: 300 psi (21 bar, 2.1 MPa).  
 Adjustment range: 0-250 psi (0-17.5 bar, 0-1.75 MPa). 3/8 npt(f).
- 221-169 Groundable Air Hose**  
 Max. working pressure: 180 psi (12.6 bar, 1.26 MPa).  
 Buna-S core, Buna-N cover.  
 1/2 in. (13 mm) ID.
- 106-148 Air Line Filter**  
 Max. working pressure: 250 psi (17.5 bar, 1.75 MPa).  
 Inlet and outlet: 3/8 npt(f).  
 Reusable 20 micron filter and drain cock.
- Air Line Quick Disconnect Coupler**  
**110-198** Coupler 3/8 npt(f).  
**169-971** Fitting 3/8 npt(m).
- 189-233 Wall Mounting Bracket**
- 237-569 Grounding Wire and Clamp**  
 25 ft. (7.6 m) long, 12 ga. (1.5 mm<sup>2</sup>).
- 109-064 Groundable Fluid Hose**  
 Max. working pressure: 1000 psi (70 bar, 7.0 MPa).  
 Nitrile core, nitrile cover. ID: 1 in. (25 mm)  
 Length: 28 in. (0.7 m), 1 npt(mbe).
- 110-224 Bleed-Type Master Air Valve**  
 Max. working pressure: 300 psi (21 bar, 2.10 MPa).  
 Inlet and outlet: 3/8 npt(f).
- 110-150 Filter/Regulator/Lubricator Assembly**  
 Max. working pressure: 250 psi (17.5 bar, 1.75 MPa).  
 Inlet and outlet: 3/8 npt(f).

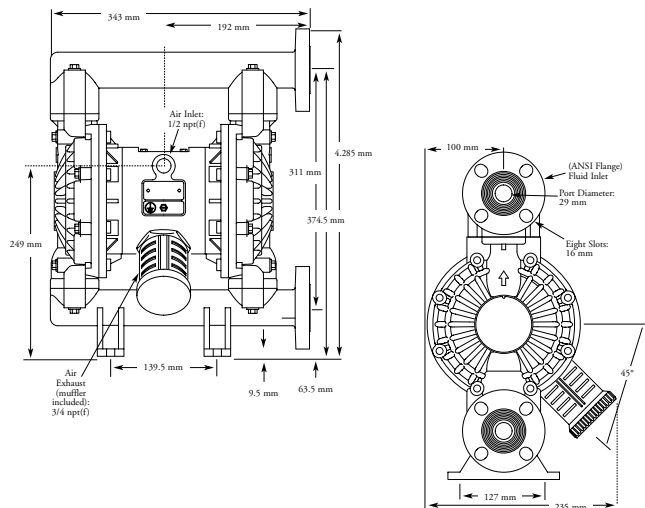
- 100-960 Air Regulator Gauge**  
 Max. working pressure: 200 psi (14 bar, 1.4 MPa).  
 1/4 npt(m).
- Fluid Drain Valve**  
 Max. working pressure: 500 psi (35 bar, 3.5 MPa).  
**237-534** SST and Teflon, 3/8 npt(mxf)  
**208-391** Steel and Teflon, 3/8 npt(mxf)
- Fluid Shutoff Valves** 1 npt(fbe).  
**512-152** Carbon steel. Max. working pressure: 2000 psi (140 bar, 14.0 MPa).  
**512-486** Stainless steel. Max. working pressure: 600 psi (42 bar, 4.2 MPa).
- Fluid Suction Line Assemblies for 55 Gal. (200 Liter)**  
 For bung-mounted transfer applications, order:  
**157-785** Swivel Union  
**158-555** Nipple  
**206-266** Suction Tube  
 For wall-mounted transfer applications, order:  
**158-586** Bushing  
**223-009** Suction Tube
- 236-452 Rubber Foot Kit**  
 Install on pump feet to reduce noise and vibration.
- 236-273 Air Valve Repair Kit**
- Pressure Relief Valve**  
**110-134** Aluminum, Buna-N seals  
**112-119** SST, Teflon seals
- Flange Kits**  
 With Teflon gaskets and SST fasteners.  
**239-005** For 1040 Polypropylene  
**239-008** For 1040 SST  
**239-009** For 1040 Kynar

# Husky 1040 Pump Dimensions

## Metal Models



## Plastic Models



## Mounting Hole Pattern for Metal and Plastic:

# Order Numbers for the Husky 1040

Part No.	Seats	Balls	Diaphragms	Service Kits
<b>Acetal Models</b>				
D71-211	Acetal	Teflon	Teflon	D08-211
D71-221	Acetal	Acetal	Teflon	D08-221
D71-225	Acetal	Acetal	Hytrel	D08-225
D71-231	Acetal	SST	Teflon	D08-231
D71-277	Acetal	Buna-N	Buna-N	D08-277
D71-311	SST	Teflon	Teflon	D08-311
D71-331	SST	SST	Teflon	D08-331
D71-411	Hardened SST	Teflon	Teflon	D08-411
D71-431	Hardened SST	SST	Teflon	D08-431
D71-525	Hytrel	Acetal	Hytrel	D08-525
D71-666	Santoprene	Santoprene	Santoprene	D08-666
<b>Polypropylene Models</b>				
D72-266	Acetal	Santoprene	Santoprene	D08-266
D72-277	Acetal	Buna-N	Buna-N	D08-277
D72-311	SST	Teflon	Teflon	D08-311
D72-311	SST	Teflon	Teflon	D08-311
D72-331	SST	SST	Teflon	D08-331
D72-366	SST	Santoprene	Santoprene	D08-366
D72-525	Hytrel	Acetal	Hytrel	D08-525
D72-531	Hytrel	SST	Teflon	D08-531
D72-535	Hytrel	SST	Hytrel	D08-535
D72-555	Hytrel	Hytrel	Hytrel	D08-555
D72-575	Hytrel	Buna-N	Hytrel	D08-575
D72-888	Viton	Viton	Viton	D08-888
D72-911	Polypropylene	Teflon	Teflon	D08-911
D72-955	Polypropylene	Hytrel	Hytrel	D08-955
D72-966	Polypropylene	Santoprene	Santoprene	D08-966
D72-977	Polypropylene	Buna-N	Buna-N	D08-977
D72-988	Polypropylene	Viton	Viton	D08-988
D72-A11	Kynar	Teflon	Teflon	D08-A11
D72-A66	Kynar	Santoprene	Santoprene	D08-A66
<b>Aluminum Models</b>				
D73-211	Acetal	Teflon	Teflon	D07-211
D73-221	Acetal	Acetal	Teflon	D07-221
D73-225	Acetal	Acetal	Hytrel	D07-225
D73-227	Acetal	Acetal	Buna-N	D07-227
D73-266	Acetal	Santoprene	Santoprene	D07-266
D73-277	Acetal	Buna-N	Buna-N	D07-277
D73-311	SST	Teflon	Teflon	D07-311
D73-315	SST	Teflon	Hytrel	D07-315
D73-331	SST	SST	Teflon	D07-331
D73-336	SST	SST	Santoprene	D07-336
D73-338	SST	SST	Viton	D07-338
D73-366	SST	Santoprene	Santoprene	D07-366
D73-377	SST	Buna-N	Buna-N	D07-377

Part No.	Seats	Balls	Diaphragms	Service Kits
<b>Aluminum Models (cont'd)</b>				
D73-388	SST	Viton	Viton	D07-388
D73-411	Hardened SST	Teflon	Teflon	D07-411
D73-431	Hardened SST	SST	Teflon	D07-431
D73-437	Hardened SST	SST	Buna-N	D07-437
D73-441	Hardened SST	Hardened SST	Teflon	D07-441
D73-466	Hardened SST	Santoprene	Santoprene	D07-466
D73-511	Hytrel	Teflon	Teflon	D07-511
D73-521	Hytrel	Acetal	Teflon	D07-521
D73-525	Hytrel	Acetal	Hytrel	D07-525
D73-535	Hytrel	SST	Hytrel	D07-535
D73-555	Hytrel	Hytrel	Hytrel	D07-555
D73-575	Hytrel	Buna-N	Hytrel	D07-575
D73-577	Hytrel	Buna-N	Buna-N	D07-577
D73-666	Santoprene	Santoprene	Santoprene	D07-666
D73-877	Viton	Buna-N	Buna-N	D07-877
D73-888	Viton	Viton	Viton	D07-888
D73-911	Polypropylene	Teflon	Teflon	D07-911
D73-926	Polypropylene	Acetal	Santoprene	D07-926
D73-927	Polypropylene	Acetal	Buna-N	D07-927
D73-955	Polypropylene	Hytrel	Hytrel	D07-955
D73-977	Polypropylene	Buna-N	Buna-N	D07-977
<b>Stainless Steel Models</b>				
D74-211	Acetal	Teflon	Teflon	D07-211
D74-311	SST	Teflon	Teflon	D07-311
D74-331	SST	SST	Teflon	D07-331
D74-335	SST	SST	Hytrel	D07-335
D74-336	SST	SST	Santoprene	D07-336
D74-338	SST	SST	Viton	D07-338
D74-366	SST	Santoprene	Santoprene	D07-366
D74-385	SST	Viton	Hytrel	D07-385
D74-388	SST	Viton	Viton	D07-388
D74-441	Hardened SST	Hardened SST	Teflon	D07-441
D74-521	Hytrel	Acetal	Teflon	D07-521
D74-525	Hytrel	Acetal	Hytrel	D07-525
D74-577	Hytrel	Buna-N	Buna-N	D07-577
D74-611	Santoprene	Teflon	Teflon	D07-611
D74-666	Santoprene	Santoprene	Santoprene	D07-666
D74-888	Viton	Viton	Viton	D07-888
D74-911	Polypropylene	Teflon	Teflon	D07-911
D74-A11	Kynar	Teflon	Teflon	D07-A11
<b>Kynar Models</b>				
D75-311	SST	Teflon	Teflon	D08-311
D75-666	Santoprene	Santoprene	Santoprene	D08-666
D75-A11	Kynar	Teflon	Teflon	D08-A11
D75-A88	Kynar	Viton	Viton	D08-A88

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