



First choice when  
quality counts.™

# Husky™ 2150

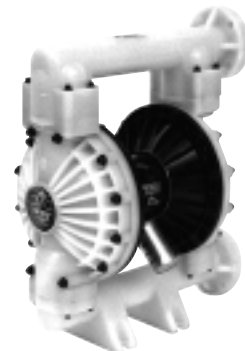
## Air-Operated Double Diaphragm Pump



*Aluminum*



*Stainless Steel*



*Polypropylene & Kynar*



*Ductile Iron*

**High pump  
capacity at a  
popular price –  
Graco value!**

- **Larger ports for more flow – up to 150 gpm (568 l/min)**
- **Fluid pressure to 120 psi (8.4 bar, 0.84 MPa)**
- **High reliability patented “closed center” air valve is “online” serviceable**
- **Lube-free operation**
- **Epoxy-coated air section for tough environmental conditions**

Graco's Husky 2150 is the highest capacity 2 in. (51 mm) double diaphragm pump in its price class. With all the same durable features of the smaller models, the 2150 metal models have 2 npt(f) and the plastic models have 2 in. (51 mm) raised face flange ports that can take on the heavier, more viscous materials and pump them faster with greater tolerance for suspended solids.

The Husky 2150 “closed center” air valve system is 100% serviceable without disassembly of the wetted parts. This saves valuable maintenance time. It requires no air line lubrication. This saves money and reduces oily mess.

Five models are available for the Husky 2150: the aluminum general purpose pump; passivated 316 stainless steel and ductile iron pumps to better handle more abrasive or corrosive fluids; polypropylene for general chemicals; and kynar for very aggressive chemicals and higher temperatures. Each model can be ordered with diaphragms, balls and seats to meet your specific fluid needs. Ductile iron pump is 100% epoxy-coated (both air and wetted sections) for tough environmental conditions.

### **Typical Applications**

- Drum fluid transfer
- Unloading fluids
- Chemical evacuation
- Ground water and sump evacuation
- Waste fluid removal
- Bulk fluid supply
- Slurries and sludges
- Filter press feed

### **Typical Fluids Handled**

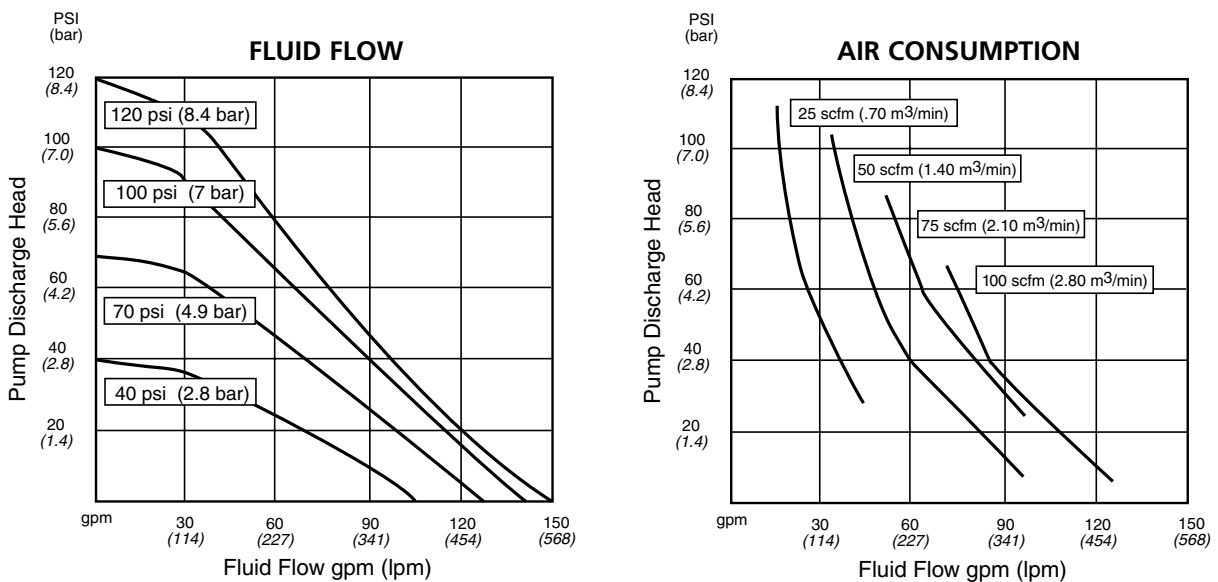
- Acids, alkalis, solvents, suspensions, dispersions, electroplating baths, paints, varnishes, resins, latex, adhesives, effluent sludge, stabilisers, filter press operation
- Tank and bilge drainage, ship cleaning, stripping
- Processed foods, marmalade, chocolate, ketchup, sauces, syrup, applesauce and other fruits

# Technical Specifications

Maximum fluid pressure.....	120 psi (8.4 bar, 0.84 MPa)
Air pressure operating range .....	20-120 psi (1.4-8.4 bar, 0.14-0.84 MPa)
Maximum air consumption .....	175 scfm (4.9 m <sup>3</sup> /min)
Air consumption at 70 psi/60 gpm .....	60 scfm (1.7 m <sup>3</sup> /min)
Maximum free flow delivery.....	150 gpm (568 l/min)
Maximum pump speed.....	145 cpm
Gallons (liters) per cycle.....	1.03 gal. (3.90 liter)
Maximum suction lift – dry.....	18 ft. (5.48 m)
Maximum size pumpable solids .....	1/4 in. (6.3 mm)
Noise level at 50 cpm and 100 psi (7 bar, 0.7 MPa) .....	90 dBA
Noise level at 50 cpm and 70 psi (4.9 bar, 0.49 MPa).....	85 dBA
Maximum operating temperature .....	150°F (65.5°C)
<i>200°F (93.3°C) for models with Teflon diaphragms and metal or Kynar housings</i>	
Air inlet.....	1/2 npt(f)
Fluid inlet and outlet	
Aluminum, stainless steel, ductile iron .....	2 npt(f)
Polypropylene & Kynar .....	2 in. (51 mm) raised face flange
Weight	
Aluminum.....	58 lbs. (26.3 kg)
Stainless steel .....	127 lbs. (57.6 kg)
Polypropylene .....	49 lbs. (22 kg)
Kynar .....	68 lbs. (31 kg)
Ductile iron.....	130 lbs. (59 kg)
Size	
Aluminum, ductile iron & stainless steel ...	17.5 in. W x 23.0 in. H* x 12.5 in. (443.2 mm W x 584.2 mm H x 317.5 mm)
Plastic & Kynar .....	19.7 in. W x 25.75 in. H x 12.5 in. (501.3 mm W x 654.1 mm H x 317.5 mm)
Mounting hole layout .....	6 in. (152.4 mm) x 6 in. (152.4 mm)
Instruction manual	
Aluminum, cast iron & stainless steel.....	308-368
Polypropylene & Kynar.....	308-550

*\*Note: the ductile iron pumps are 1.6 in. higher because of the lift ring on the top manifold.*

## Husky 2150 Performance Chart (Inlet Submerged in Water)



# Husky 2150 Pump Accessories

- 237-569 Grounding Wire and Clamp**  
25 ft. (7.6 m) long, 12 ga. (1.5 mm<sup>2</sup>).
- 107-141 Master Air Ball Valve**  
Max. working pressure: 300 psi (21 bar, 2.1 MPa).  
3/4 npt(f) inlet and outlet.
- Fluid Drain Ball 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 Pressure Relief Valve**  
**113-497** CS, Buna, 3/8 npt(mxf), 150 psi (1.0 MPa, 10 bar)  
**112-119** SST, PTFE, 1/4 npt(mxf), 150 psi (1.0 MPa, 10 bar)
- 512-213 Fluid Control Valve**  
2 in. (51 mm) carbon steel, Teflon seals.  
Max. working pressure: 1500 psi (103 bar, 10.3 MPa).
- 157-785 Straight Swivel, 3/4 npt**
- 217-073 Filter/Regulator/Lubricator Assembly**  
Max. working pressure: 250 psi (17.5 bar, 1.75 MPa).  
Air adjustment range: 0-250 psi (0-17.5 bar, 0-1.75 MPa). Inlet and outlet: 3/4 npt(f).
- 106-150 Air Line Filter**  
Max. working pressure: 250 psi (17 bar, 1.7 MPa).  
Inlet and outlet: 3/4 npt(f).  
Reusable 20 micron filter and drain cock.
- 207-755 Air Regulator with Gauge**  
Max. working pressure: 300 psi (21 bar, 2.1 MPa).  
Adjustment range: 0-125 psi (0-9 bar, 0-0.9 MPa).  
3/4 npt(f).

## Quieter Pump Operating Options

- 102-656** Muffler  
**236-452** Rubber Foot Kit

## Groundable Fluid Hose

- Max. working pressure: 200 psi (13.8 bar, 1.3 MPa).  
3/4 in. (19 mm) ID, 1/2 npt(fbe).  
**222-408** 10 ft. (3 m)  
**222-409** 25 ft. (7.6 m)

## 214-950 Groundable Air Hose

- Max. working pressure: 180 psi (12.4 bar, 1.24 MPa).  
Buna-S core, Buna-N cover. 1/2 npt(mbe).  
3/4 in. (19 mm) or 1/2 in. (13 mm) ID x  
6 ft. (1.8 m).

## Groundable Exhaust Air Hoses

- Max. working pressure: 180 psi (12.6 bar, 1.26 MPa).  
Buna-N core, Buna-N cover. 3/8 in. (10 mm) ID.  
**208-610** 3/4 npt(mbe); 6 ft. (1.83 m) long  
**205-548** 3/4 npt(mbe); 15 ft. (4.57 m) long

## 100-385 Exhaust Hose Coupling

- Connects muffler to exhaust hose. 3/4 npt(fbe).

## 236-273 Air Valve Repair Kit

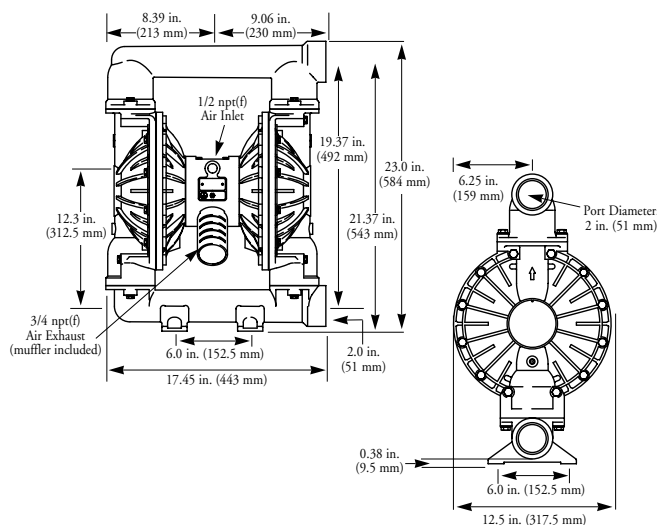
## Flange Kits

- With Teflon gaskets and SST fasteners.

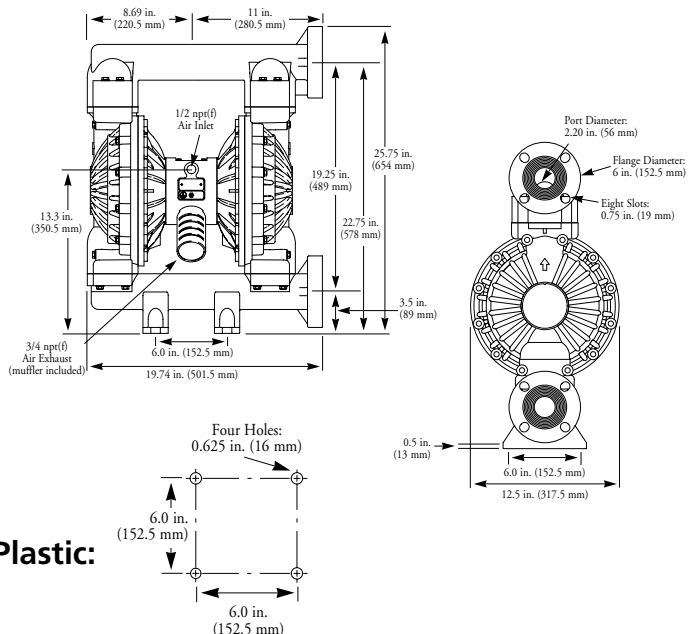
- 239-007** Polypropylene  
**239-011** Kynar

# Husky 2150 Pump Dimensions

## Metal Models



## Plastic Models



## Mounting Hole Pattern for Metal and Plastic:

# Ordering Information

Part No.	Seats	Balls	Diaphragms	Service Kits
<b>Polypropylene Models</b>				
<b>DF2-311</b>	SST	Teflon	Teflon	<b>D0G-311</b>
<b>DF2-666</b>	Santoprene	Santoprene	Santoprene	<b>D0G-666</b>
<b>DF2-911</b>	Polypropylene	Teflon	Teflon	<b>D0G-911</b>
<b>DF2-955</b>	Polypropylene	Hytrel	Hytrel	<b>D0G-955</b>
<b>DF2-966</b>	Polypropylene	Santoprene	Santoprene	<b>D0G-966</b>
<b>DF2-988</b>	Polypropylene	Viton	Viton	<b>D0G-988</b>
<b>DF2-A11</b>	Kynar	Teflon	Teflon	<b>D0G-A11</b>
<b>Aluminum Models</b>				
<b>DF3-311</b>	SST	Teflon	Teflon	<b>D0F-311</b>
<b>DF3-325</b>	SST	Acetal	Hytrel	<b>D0F-325</b>
<b>DF3-341</b>	SST	Hardened SST	Teflon	<b>D0F-341</b>
<b>DF3-346</b>	SST	Hardened SST	Santoprene	<b>D0F-346</b>
<b>DF3-366</b>	SST	Santoprene	Santoprene	<b>D0F-366</b>
<b>DF3-388</b>	SST	Viton	Viton	<b>D0F-388</b>
<b>DF3-411</b>	Hardened SST	Teflon	Teflon	<b>D0F-411</b>
<b>DF3-441</b>	Hardened SST	Hardened SST	Teflon	<b>D0F-441</b>
<b>DF3-466</b>	Hardened SST	Santoprene	Santoprene	<b>D0F-466</b>
<b>DF3-521</b>	Hytrel	Acetal	Teflon	<b>D0F-521</b>
<b>DF3-525</b>	Hytrel	Acetal	Hytrel	<b>D0F-525</b>
<b>DF3-555</b>	Hytrel	Hytrel	Hytrel	<b>D0F-555</b>
<b>DF3-646</b>	Santoprene	Hardened SST	Santoprene	<b>D0F-646</b>
<b>DF3-661</b>	Santoprene	Santoprene	Teflon	<b>D0F-661</b>
<b>DF3-665</b>	Santoprene	Santoprene	Hytrel	<b>D0F-665</b>
<b>DF3-666</b>	Santoprene	Santoprene	Santoprene	<b>D0F-666</b>
<b>DF3-688</b>	Santoprene	Viton	Viton	<b>D0F-688</b>
<b>DF3-911</b>	Polypropylene	Teflon	Teflon	<b>D0F-911</b>
<b>DF3-926</b>	Polypropylene	Acetal	Santoprene	<b>D0F-926</b>
<b>DF3-955</b>	Polypropylene	Hytrel	Hytrel	<b>D0F-955</b>
<b>DF3-966</b>	Polypropylene	Santoprene	Santoprene	<b>D0F-966</b>
<b>SST Models</b>				
<b>DF4-311</b>	SST	Teflon	Teflon	<b>D0F-311</b>
<b>DF4-366</b>	SST	Santoprene	Santoprene	<b>D0F-366</b>
<b>DF4-388</b>	SST	Viton	Viton	<b>D0F-388</b>
<b>DF4-466</b>	Hardened SST	Santoprene	Santoprene	<b>D0F-466</b>
<b>DF4-525</b>	Hytrel	Acetal	Hytrel	<b>D0F-525</b>
<b>DF4-666</b>	Santoprene	Santoprene	Santoprene	<b>D0F-666</b>
<b>DF4-911</b>	Polypropylene	Teflon	Teflon	<b>D0F-911</b>
<b>DF4-966</b>	Polypropylene	Santoprene	Santoprene	<b>D0F-966</b>
<b>DF4-A11</b>	Kynar	Teflon	Teflon	<b>D0F-A11</b>
<b>Kynar Models</b>				
<b>DF5-311</b>	SST	Teflon	Teflon	<b>D0G-311</b>
<b>DF5-666</b>	Santoprene	Santoprene	Santoprene	<b>D0G-666</b>
<b>DF5-A11</b>	Kynar	Teflon	Teflon	<b>D0G-A11</b>
<b>DF5-A88</b>	Kynar	Viton	Viton	<b>D0G-A88</b>
<b>Ductile Iron Models</b>				
<b>DF6-311</b>	SST	Teflon	Teflon	<b>D0F-311</b>
<b>DF6-366</b>	SST	Santoprene	Santoprene	<b>D0F-366</b>
<b>DF6-466</b>	Hardened SST	Santoprene	Santoprene	<b>D0F-466</b>
<b>DF6-525</b>	Hytrel	Acetal	Hytrel	<b>D0F-525</b>
<b>DF6-555</b>	Hytrel	Hytrel	Hytrel	<b>D0F-555</b>
<b>DF6-666</b>	Santoprene	Santoprene	Santoprene	<b>D0F-666</b>
<b>DF6-A11</b>	Kynar	Teflon	Teflon	<b>D0F-A11</b>

**Note:**

All Husky 2150 air-operated double diaphragm pumps come standard with stainless steel fasteners, epoxy-coated center section, and muffler.

**Sales/Distribution**

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