



Husky™ 515/716 Transfer Drum Packages

Evacuates
55 gallon (208
liters) drum up
to 5,000 cps

- Excellent for abrasive, low to medium viscosity fluids and shear sensitive materials
- Pump is never immersed inside the drum (only the suction tube is immersed)
- Quick priming and immediate flow of product
- Pump will handle fluid viscosities up to 5,000 cps
- Pump runs dry without damage
- Provides air tight seal for moisture sensitive fluids
- “Easy out seal” provides fast slide in and out of drums through bung adapter without disconnecting hoses



The Husky 515/716 pumps make the perfect drum pump since they are free of rotating parts and are made of materials such as polypropylene, acetal, aluminum and stainless steel. A variety of packages are designed for compatibility with virtually all fluids.

These Husky Transfer Drum Packages are excellent for abrasive, shear sensitive fluids and low to medium viscosity fluids. Husky diaphragm pumps can run dry without damage. They will handle solids up to $\frac{3}{32}$ of an inch. Intake tubes are available in stainless steel, polypropylene and aluminum. “Easy out seal” available in stainless steel, polypropylene and acetal. The bung adapter fits into any 2-inch bung opening. The “easy out seal” and bung adapter provide an air tight seal. The “easy out seal” accommodates slightly off-sized drum up to 2 1/2 inches.

Typical Applications

- Industrial solvents: aromatics, esters, ketones, chlorinated solvents
- Adhesives: contact cement, white glue, resins
- Decorative/Protective Coatings: paints, stains, varnish, solvents
- Lubricants/Coolants: motor oil, hydraulic fluids, cutting fluids, antifreeze
- Cleaners/Sanitizers: soaps, detergents, solvents, acids, caustics
- Inks: flexographic, silk-screen inks

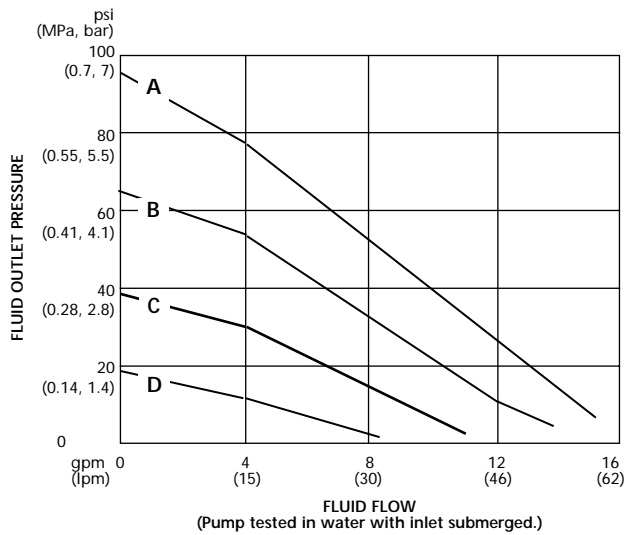
Technical Specifications for Husky 515/716 Drum Packages

Maximum working fluid pressure	100 psi (0.7 MPa, 7 bar)
Air pressure operating range	25-100 psi (0.18 to 0-7 MPa, 1.8 to 7 bar)
Maximum air consumption	28 scfm (0.672 m ³ /min.)
Maximum free flow delivery while emptying a 55 gallon (208 liters) drum of water	
For 515 (1/2 in. ports)	12 gpm (57 lpm)
For 716, 515 (3/4 in. ports)	14 gpm (61 lpm)
Maximum pump speed	400 cpm
Gallons (liters) per cycle	0.04 gallon (0.15 liter)
Maximum size pumpable solids	3/32 in. (2.5 mm)
Sound power level (measured per ISO standard 9614-2)	
At 70 psig (0.48 MPa, 4.8 bar) at 50 cpm	77 dBa
At 100 psig (0.7 MPa, 7 bar) at maximum cpm	95 dBa
Sound pressure level (measured 1 meter from pump)	
At 70 psig (0.48 MPa, 4.8 bar) at 50 cpm	67 dBa
At 100 psig (0.7 MPa, 7 bar) at maximum cpm	85 dBa
Air inlet size	1/4 npt(f)
Air exhaust port size	3/8 npt(f)
Fluid inlet size	
For 515	3/4 npt(f)
For 716	3/4 npt(f)
Fluid outlet size	
For 515	1/2 and 3/4 npt(f)
For 716	3/4 npt(f)
Wetted parts (fluid covers and manifolds)	
Acetal pumps	groundable acetal, PTFE
Polypropylene pumps	polypropylene, PTFE
Aluminum pumps	aluminum, SST, PTFE, zinc-plated steel
SST pumps	SST, PTFE
Pump Weight	
Acetal pumps	7.8 lbs. (3.5 kg)
Polypropylene pumps	6.5 lbs. (2.9 kg)
Aluminum pumps	8.5 lbs. (3.9 kg)
SST pumps	18 lbs. (8.2 kg)
Drum Kit Weight	
233045 Polypropylene tube with polypropylene "easy out seal"	4.0 lbs. (1.8 kg)
233046 Aluminum tube with acetal "easy out seal"	4.5 lbs. (2.0 kg)
233047 SST tube with acetal "easy out seal"	6.5 lbs. (2.9 kg)
233048 SST tube with SST "easy out seal"	9.5 lbs. (4.3 kg)
Drum Package Weight	
Polypropylene pump with polypropylene tube	10.5 lbs. (4.8 kg)
Acetal pump with aluminum tube	12.3 lbs. (5.6 kg)
Acetal pump with SST tube	14.3 lbs. (6.5 kg)
Aluminum pump with aluminum tube	13.0 lbs. (5.9 kg)
SST pump with SST tube	27.5 lbs. (12.5 kg)
Drum Package Instruction Manual	309-116
Husky 515/716 Instruction Manual	308-981

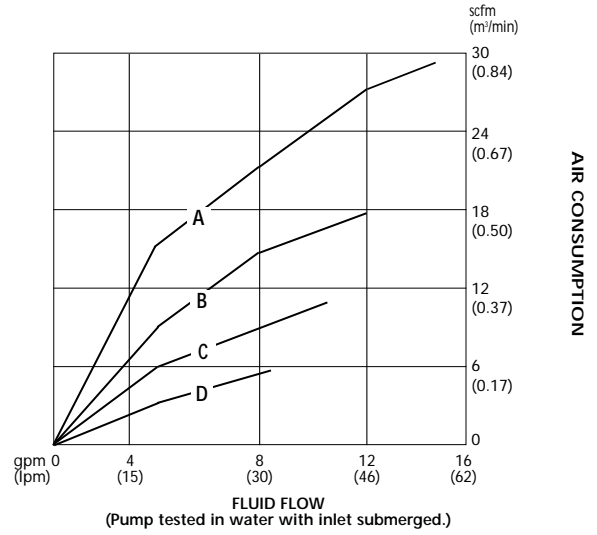
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Husky 515/716 Pump Performance

Fluid Pressure



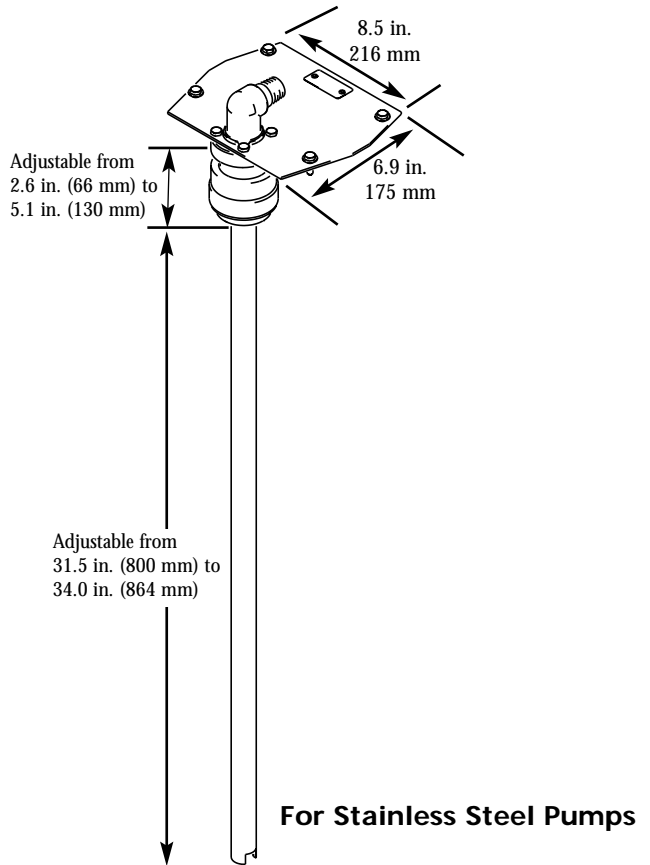
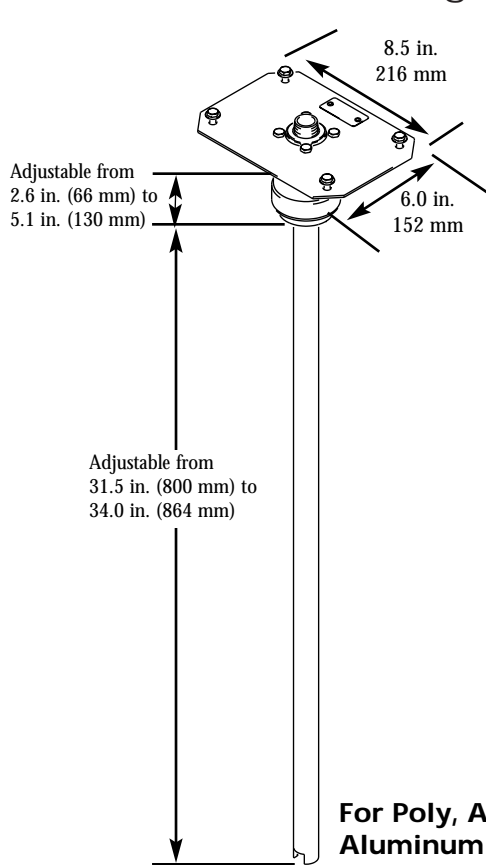
Air Consumption



Air Pressures:

- A = at 100 psi (0.7 MPa, 7 bar)
- B = at 70 psi (0.48 MPa, 4.8 bar)
- C = at 40 psi (0.28 MPa, 2.8 bar)
- D = at 20 psi (0.14 MPa, 1.4 bar)

Dimensional Drawing



Ordering Information

Drum Pump Packages

- 233051 Includes pump 241565 and kit 233045
- 233052 Includes pump 241564 and kit 233047
- 233053 Includes pump 241564 and kit 233046
- 233054 Includes pump 243305 and kit 233046
- 233055 Includes pump 243306 and kit 233046
- 233056 Includes pump 243307 and kit 233046
- 233057 Includes pump D54311 and kit 233048

Drum Pump Kits

- 233045 Includes mounting plate, polypropylene "easy out seal," bung adapter and polypropylene suction tube
- 233046 Includes mounting plate, acetal "easy out seal," bung adapter and aluminum suction tube
- 233047 Includes mounting plate, acetal "easy out seal," bung adapter and stainless steel suction tube
- 233048 Includes mounting plate, stainless steel "easy out seal," bung adapter and stainless steel suction tube

Husky Pumps with Open Down Ports

- 241564 Husky 515 acetal pump with acetal seats, balls and PTFE diaphragms
- 241565 Husky 515 polypropylene pump with polypropylene seats, PTFE balls and diaphragms
- 243305 Husky 716 aluminum pump with acetal seats, Santoprene® balls and diaphragms
- 243306 Husky 716 aluminum pump with acetal seats, Buna-N balls and diaphragms
- 243307 Husky 716 aluminum pump with acetal seats, PTFE balls and diaphragms
- D54311 Husky 716 stainless steel pump with stainless steel seats, PTFE balls and diaphragms

Accessories

- 221169 **Groundable Air Hose**
Max. working pressure: 300 psi (2.1 MPa, 21 bar).
1/2 in. ID x 10 ft. (3 m).
Coupled 1/2 npt(m) x 1/4 npt(m).
 - 110146 **Air Line Filter**
Max. working pressure: 300 psi (2.1 MPa, 21 bar).
1/4 npt(f). Reusable 20 micron filter with drain cock.
 - 208536 **Air Quick Connect Coupler** 1/4 npt(f)
 - 169970 **Air Quick Connect Nipple** 1/4 npt(m)
 - 110147 **Air Regulator** 1/4 npt(f) with cover
- Groundable Fluid Hoses:**
Max. working pressure: 500 psi (3.5 MPa, 35 bar). Nylon core, urethane cover, 3/4 in. ID, 3/4 npt(mbe) and SST fittings.
- 221170 3 ft. (0.9 m)
 - 221171 6 ft. (1.8 m)
 - 221172 10 ft. (3.0 m)
 - 221173 25 ft. (7.6 m)
- 113497 **Fluid Pressure Relief Valve**
Venting pressure: 150 psi (1.05 MPa, 10.5 bar)
 - 222011 **Grounding Wire and Clamp**
Length: 25 ft. (7.6 m), 12 ga. (1.5 mm²)

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.

Sales/Distribution

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