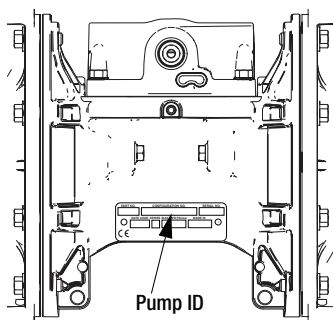


Husky 2150 Plastic Pumps

Air-Operated Double Diaphragm

Husky 2150 Selector Tool

To order a Husky 2150, use the online selector tool at www.graco.com/pumpselectors or contact your distributor.



NOTE: Check the identification plate (ID) for the Configuration Number of your pump. Use the following matrix to define the components of your pump.

The screenshot shows the GRACO website's product selector tool for Husky Air-Operated Double Diaphragm Pumps. The interface includes a navigation bar with links like Home, Products & Solutions, and a search bar. The main content area displays a list of configuration options with dropdown menus: Certification Required (No Certification Required), Pump Inlet/Outlet Size (2.50 - 2 Inch (51mm)), Fluid Covers and Manifolds (P1 Polypropylene), Center Section and Air Valve (A01A Aluminum Standard Air Valve w/ Buna N Seats), Porting (P1 Polypropylene Center Flange ANSI/ DIN), Seats (BN Buna), Balls (BN Buna), Diaphragms (BN Buna), and Manifold O-Rings. On the right, there is a 3D model of the pump and a box showing the resulting Graco Part Number (DF2777) and Configuration Number (2150P-A01AP1-BNBNBN). A 'Replacement Kits' section at the bottom lists compatible part numbers.

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

Pump Configuration Options

Pump (1.5 inch ports, 90 gpm)	Center Section and Air Valve Material		Air Valve/Monitoring	Fluid Covers and Manifolds	
P Polypropylene 2150	Aluminum	A01A	Standard w/Buna-N Seats	F2	PVDF, end flange
		A01D	Remote w/ Buna-N Seats	P2	Polypropylene, end flange
	Stainless Steel	S01A	Standard		
		S01D	Remote		
F PVDF 2150					

Check Valve Seats		Check Valve Balls		Diaphragm		Manifold O-Rings	
BN	Buna-N	AC	Acetal	BN	Buna-N	—	None
FK	Fluoroelastomer	BN	Buna-N	FK	Fluoroelastomer	PT	PTFE
GE	Geolast	FK	Fluoroelastomer	GE	Geolast		
PP	Polypropylene	GE	Geolast	PT	PTFE/EPDM Two-Piece		
PV	PVDF	PT	PTFE	SP	Santoprene		
SA	17-4 Stainless Steel	SD	440C Stainless Steel	TP	TPE		
SP	Santoprene	SP	Santoprene				
SS	316 Stainless Steel	TP	TPE				
TP	TPE						

Husky 2150 Plastic Pumps

Ordering Information

D | **X** | **X** | **X** | **X** | **X**
 Diaphragm Pump | Pump Size | Wetted Parts | Seats | Balls/Checks | Diaphragms

PUMP SIZE (AIR MOTOR TYPE AND MATERIAL)	WETTED PARTS	SEATS	BALLS	DIAPHRAGM
F = 2" (50.8 mm) Standard: aluminum center section	2 = Poly (npt)	3 = Stainless Steel	1 = PTFE	1 = PTFE
G = 2" (50.8 mm) Remote: aluminum center section	5 = PVDF (npt)	4 = Hardened SST	2 = Acetal	5 = TPE
V = 2" (50.8 mm) Standard: stainless steel center section		5 = TPE	4 = Hardened SST	6 = Santoprene
		6 = Santoprene	5 = TPE	7 = Buna-N
		7 = Buna-N	6 = Santoprene	8 = Fluoroelastomer
		8 = Fluoroelastomer	7 = Buna-N	G = Geolast
		9 = Polypropylene	8 = Fluoroelastomer	
		A = PVDF	G = Geolast	
		G = Geolast		

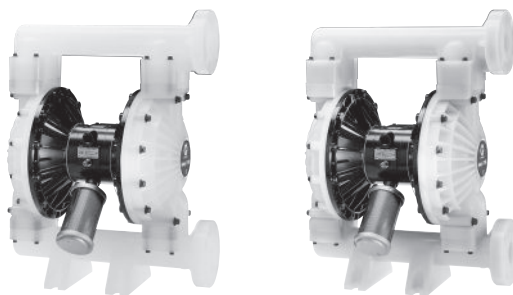
Popular Models

Material	Part Number (ANSI-Flange)		Part Number (BSP Ported)		Materials for Seats	Materials for Balls	Materials for Diaphragms	Fluid Kit	Air Kit	Air Control**
	Standard Air Valve	Remote* Air Valve	Standard Air Valve	Remote* Air Valve						
Standard Pumps with Aluminum Center Section										
Polypropylene	DF2311				Stainless Steel	PTFE	PTFE	D0G311	236273	246947
	DF2377	DG2377			Stainless Steel	Buna-N	Buna-N	D0G377	236273	246947
	DF2777	DG2777			Buna	Buna-N	Buna-N	D0G777	236273	246947
	DF2888	DG2888			Fluoroelastomer	Fluoroelastomer	Fluoroelastomer	D0G888	236273	246947
	DF2911	DG2911			Polypropylene	PTFE	PTFE	D0G911	236273	246947
	DF2955				Polypropylene	TPE	TPE	D0G955	236273	246947
	DF2966				Polypropylene	Santoprene	Santoprene	D0G966	236273	246947
	DF2977				Polypropylene	Buna-N	Buna-N	D0G977	236273	246947
	DF2988				Polypropylene	Fluoroelastomer	Fluoroelastomer	D0G988	236273	246947
	DF29GG	DG29GG			Polypropylene	Geolast	Geolast	D0G9GG	236273	246947
PVDF	DF5311				Stainless Steel	PTFE	PTFE	D0G311	236273	246947
	DF5666				Santoprene	Santoprene	Santoprene	D0G666	236273	246947
	DF5811	DG5911			Fluoroelastomer	PTFE	PTFE	D0G811	236273	246947
	DF5888	DG5888			Fluoroelastomer	Fluoroelastomer	Fluoroelastomer	D0G888	236273	246947
	DF5A11	DG5A11			PVDF	PTFE	PTFE	D0GA11	236273	246947
	DF5A88				PVDF	Fluoroelastomer	Fluoroelastomer	D0GA88	236273	246947

*Requires CycleFlo or external valve control

** Air control includes air regulator and filter with gauge

Husky 2150 Plastic Pumps



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

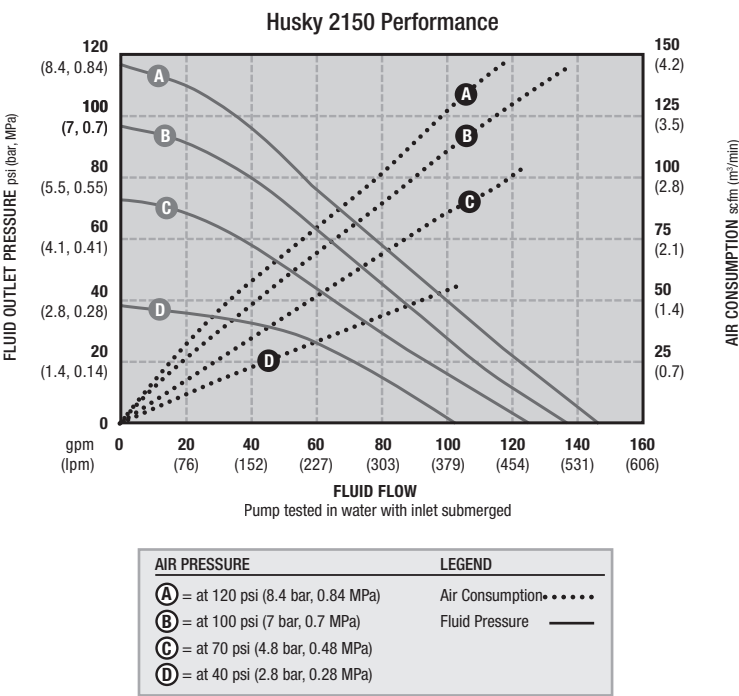
* Flow rates are with muffler and do not vary based on diaphragm material

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

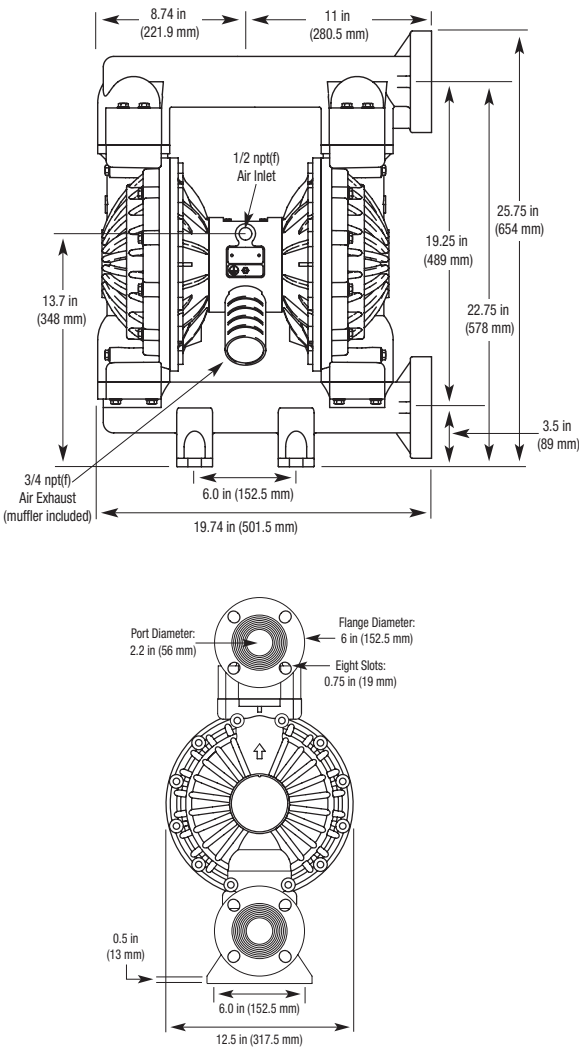
*** Actual pump performance may be affected by prolonged usage at temperature

Husky 2150 Plastic Pumps

Performance Charts

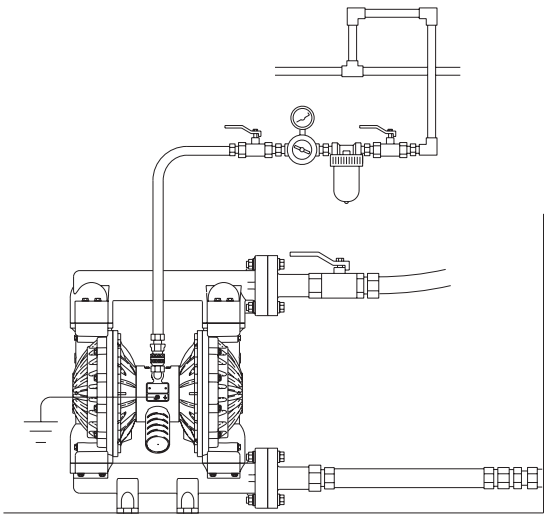


Dimensions



Typical System Drawings

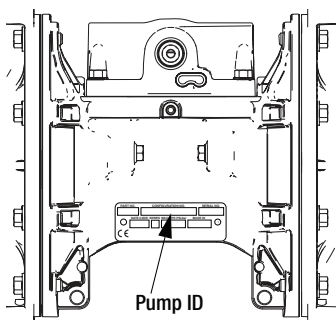
Husky 2150 Above Ground Gravity Feed



Husky 2150 Metal Pumps Air-Operated Double Diaphragm

Husky 2150 Selector Tool

To order a Husky 2150, use the online selector tool at www.graco.com/pumpselectors or contact your distributor.



NOTE: Check the identification plate (ID) for the Configuration Number of your pump. Use the following matrix to define the components of your pump.

The screenshot shows the GRACO website's product selector tool for Husky Air-Operated Double Diaphragm Pumps. The interface includes a search bar, navigation links (Home, Products & Solutions, etc.), and a series of dropdown menus for selecting pump specifications: Certification Required (ATEX), Pump Inlet/Outlet Size (2150 - 2 inch (51mm)), Fluid Covers and Manifolds (S1 Stainless Steel), Center Section and Air Valve (A01A1 Aluminum Standard Air Valve w/ Buna Seals), Porting (S1 SET Standard Porting inch (NPT)), Seats (BN1 Buna), Balls (BN1 Buna), Diaphragms (BN1 Buna), and Manifold O-Rings (—). A 'Find' button is at the bottom. On the right, a 3D model of the pump is shown, and a box displays the 'Graco Part Number: DF4777' and 'Configuration Number: 2100S-A21A1S1BN1BN1-'. A 'Replacement Kits' section lists three options: DDF107 - Kit, 2150 Diaphragm, Buna-N Standard; DDF108 - Kit, 2150 Ball, Buna-N; and DDF110 - Kit, 2150 Ball, Buna-N.

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

Pump Configuration Options

Pump (2.0 inch ports, 150 gpm)	Center Section and Air Valve Material		Air Valve/Monitoring	Fluid Covers and Manifolds	
A ★ Aluminum 2150 S ‡ Stainless Steel 2150	Aluminum	A01A	Standard	A1	Aluminum, standard ports, NPT
		A01D	Remote	A2	Aluminum, standard ports, BSPT
	Stainless Steel	S01A	Standard	S1	Stainless steel, standard ports, NPT
		S01D	Remote	S2	Stainless steel, standard ports, BSPT

★, ‡, or ✕: See **ATEX Certifications** below.

Check Valve Seats		Check Valve Balls		Diaphragm		Manifold O-Rings	
BN	Buna-N	AC	Acetal	BN	Buna-N	—	None
FK	Fluoroelastomer	BN	Buna-N	FK	Fluoroelastomer	PT	PTFE
GE	Geolast	FK	Fluoroelastomer	GE	Geolast		
PP	Polypropylene	GE	Geolast	PO	PTFE Overmolded		
PV	PVDF	PT	PTFE	PT	PTFE/EPDM Two-Piece		
SA	17-4 Stainless Steel	SD	440C Stainless Steel	SP	Santoprene		
SP	Santoprene	SP	Santoprene	TP	TPE		
SS	316 Stainless Steel	TP	TPE				
TP	TPE						

ATEX Certifications

★ All Aluminum 2150 pumps are certified:



‡ Stainless Steel pumps with aluminum or conductive polypropylene centers are certified:

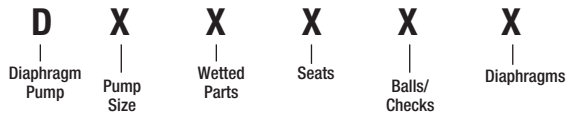


✕ DataTrak and Pulse Count are certified:



Husky 2150 Metal Pumps

Ordering Information



PUMP SIZE (AIR MOTOR TYPE AND MATERIAL)	WETTED PARTS	SEATS	BALLS	DIAPHRAGM
F = 2" (50.8 mm) Standard: aluminum center section	3 = Aluminum (npt)	3 = Stainless Steel	1 = PTFE	1 = PTFE
G = 2" (50.8 mm) Remote: aluminum center section	4 = Stainless Steel (npt)	4 = Hardened SST	2 = Acetal	5 = TPE
V = 2" (50.8 mm) Standard: stainless steel center section	6 = Ductile Iron (npt)	5 = TPE	4 = Hardened SST	6 = Santoprene
	C = Aluminum (bspt)	6 = Santoprene	5 = TPE	7 = Buna-N
	D = Stainless Steel (bspt)	7 = Buna-N	6 = Santoprene	8 = Fluoroelastomer
	F = Ductile Iron (bspt)	8 = Fluoroelastomer	7 = Buna-N	G = Geolast
		9 = Polypropylene	8 = Fluoroelastomer	
	H = 2 npt Alum Extended	A = PVDF	G = Geolast	
	G = 2 bsp Alum Extended	G = Geolast		



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

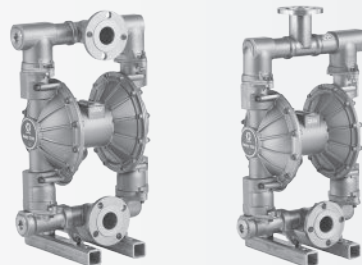
** Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type

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

Popular Models

Material	Part Number (NPT Ported)		Part Number (BSP Ported)		Seat Material	Ball Material	Diaphragm Material	Fluid Kit	Air Kit	Air Control**	
	Standard Air Valve	Remote* Air Valve	Standard Air Valve	Remote* Air Valve							
Standard Pumps with Aluminum Center Section											
Aluminum***	DF3311	DG3311	DFC311	DGC311	Stainless Steel	PTFE	PTFE	D0F311	236273	246947	
	DF3341	DG3341	DFC341	DGC341	Stainless Steel	Hardened SST	PTFE	D0F341	236273	246947	
	DF3366	DG3366	DFC366	DGC366	Stainless Steel	Santoprene	Santoprene	D0F366	236273	246947	
	DF3377	DG3377	DFC377	DGC377	Stainless Steel	Buna-N	Buna-N	D0F377	236273	246947	
	DF3525	DG3525	DFC525	DGC525	TPE	Acetal	TPE	D0F525	236273	246947	
	DF3555		DFC555		TPE	TPE	TPE	D0F555	236273	246947	
	DF3666	DG3666	DFC666	DGC666	Santoprene	Santoprene	Santoprene	D0F666	236273	246947	
	DF3777	DG3777	DFC777	DGC777	Buna-N	Buna-N	Buna-N	D0F777	236273	246947	
	DF3888	DG3888	DFC888	DGC888	Fluoroelastomer	Fluoroelastomer	Fluoroelastomer	D0F888	236273	246947	
	DF3GGG	DG3GGG	DFCGGG	DGCGGG	Geolast	Geolast	Geolast	D0FGGG	236273	246947	
	DF3911	DG3911	DFC911	DGC911	Polypropylene	PTFE	PTFE	D0F911	236273	246947	
	DF3977	DG3977	DFC977		Polypropylene	Buna-N	Buna-N	D0F977	236273	246947	
Stainless Steel	DF4311	DG4311	DFD311	DGD311	Stainless Steel	PTFE	PTFE	D0F311	236273	246947	
	DF4341		DFD341		Stainless Steel	Hardened SST	PTFE	D0F341	236273	246947	
	DF4366	DG4366	DFD366	DGD366	Stainless Steel	Santoprene	Santoprene	D0F366	236273	246947	
	DF4377	DG4377	DFD377	DGD377	Stainless Steel	Buna-N	Buna-N	D0F377	236273	246947	
	DF4525		DFD525		TPE	Acetal	TPE	D0F525	236273	246947	
	DF4666	DG4666	DFD666	DGD666	Santoprene	Santoprene	Santoprene	D0F666	236273	246947	
	DF4777	DG4777	DFD777	DGD777	Buna-N	Buna-N	Buna-N	D0F777	236273	246947	
	DF4888	DG4888	DFD888	DGD888	Fluoroelastomer	Fluoroelastomer	Fluoroelastomer	D0F888	236273	246947	
	DF4GGG	DG4GGG	DFDGGG	DGDGGG	Geolast	Geolast	Geolast	D0FGGG	236273	246947	
	DF4911		DFD911		Polypropylene	PTFE	PTFE	D0F911	236273	246947	
	Ductile	DF6311		DFF311		Stainless Steel	PTFE	PTFE	D0F311	236273	246947
		DF6366		DFF366		Stainless Steel	Santoprene	Santoprene	D0F366	236273	246947
DF6441			DFF441		Hardened SST	Hardened SST	PTFE	D0F441	236273	246947	
DF6466		DG6466	DFF466	DGF466	Hardened SST	Santoprene	Santoprene	D0F466	236273	246947	
DF6525			DFF525		TPE	Acetal	TPE	D0F525	236273	246947	
DF6666		DG6666	DFF666	DGF666	Santoprene	Santoprene	Santoprene	D0F666	236273	246947	
DF6A11			DFFA11		PVDF	PTFE	PTFE	D0FA11	236273	246947	
DF6A88			DFFA88		PVDF	Fluoroelastomer	Fluoroelastomer	D0FA88	236273	246947	
DF6GGG		DG6GGG	DFFGGG	DGFGGG	Geolast	Geolast	Geolast	D0FGGG	236273	246947	
Corrosion Resistant Pumps with Stainless Steel Center Section											
Stainless Steel		DV4311		DVD311		Stainless Steel	PTFE	PTFE	D0F311	255061	246947
		DV4377		DVD377		Stainless Steel	Buna-N	Buna-N	D0F377	255061	246947
	DV4388		DVD388		Stainless Steel	Fluoroelastomer	Fluoroelastomer	D0F388	255061	246947	
	DV4666		DVD666		Santoprene	Santoprene	Santoprene	D0F666	255061	246947	
	DV4888		DVD888		Fluoroelastomer	Fluoroelastomer	Fluoroelastomer	D0F888	255061	246947	
	DV4911		DVD911		Polypropylene	PTFE	PTFE	D0F911	255061	246947	

*Requires CycleFlo or external valve control. ** Air control includes air regulator and filter with gauge. *** Also available in Extended Height version; use DFH or DFG designations



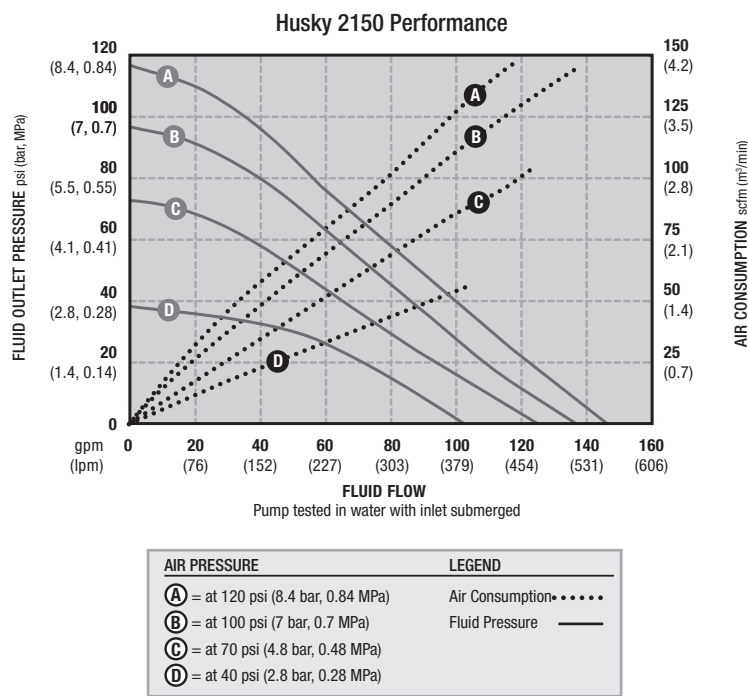
Stainless Steel Flange Models*

Part Number	Outlet Orientation	Seat Material	Ball Material	Diaphragm Material	Air Valve	Seat Kit	Ball Kit	Diaphragm Kit
25C658	Horizontal	Stainless Steel	PTFE	Overmolded PTFE	236273	D0F300	D0F010	253628
25C660	Vertical	Stainless Steel	PTFE	Overmolded PTFE	236273	D0F300	D0F010	253628
DFR311	Horizontal	Stainless Steel	PTFE	PTFE	236273	D0F300	D0F010	D0F001
DFP311	Vertical	Stainless Steel	PTFE	PTFE	236273	D0F300	D0F010	D0F001
DFR366	Horizontal	Stainless Steel	Santoprene	Santoprene	236273	D0F300	D0F060	D0F006
DFP366	Vertical	Stainless Steel	Santoprene	Santoprene	236273	D0F300	D0F060	D0F006

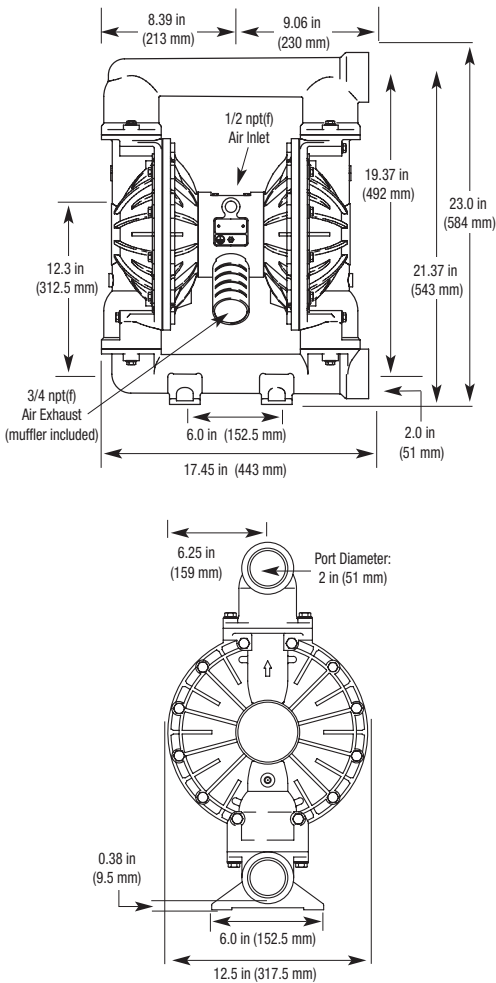
*All stainless steel flange models have a fixed center inlet.

Husky 2150 Metal Pumps

Performance Charts



Dimensions



Typical System Drawings

Husky 2150 Above Ground Gravity Feed

