

# Husky 2150 Plastic Pumps

## Air-Operated Double Diaphragm

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

| PUMP SIZE (AIR MOTOR TYPE AND MATERIAL)                   | WETTED PARTS   | SEATS               | BALLS               | DIAPHRAGM           |
|-----------------------------------------------------------|----------------|---------------------|---------------------|---------------------|
| F = 50.8 mm (2") Standard: Aluminium center section       | 2 = Poly (npt) | 3 = Stainless Steel | 1 = PTFE            | 1 = PTFE            |
| G = 50.8 mm (2") Remote: Aluminium center section         | 5 = PVDF (npt) | 4 = Hardened SST    | 2 = Acetal          | 5 = TPE             |
| V = 50.8 mm (2") 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         |                     |                     |

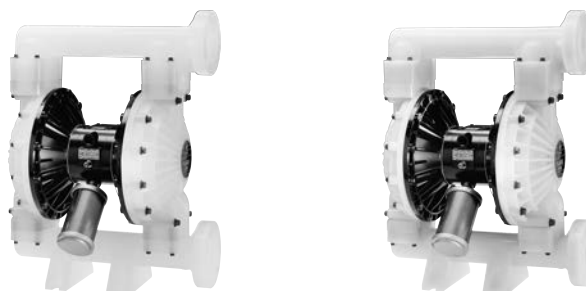
### Popular Models

| Material                                                      | Part Number<br>(ANSI-Flange) |                      | Part Number<br>(BSP Ported) |                      | Materials for<br>Seats | Materials for<br>Balls | Materials for<br>Diaphragms | Fluid<br>Kit | Air Kit | Air<br>Control** |
|---------------------------------------------------------------|------------------------------|----------------------|-----------------------------|----------------------|------------------------|------------------------|-----------------------------|--------------|---------|------------------|
|                                                               | Standard<br>Air Valve        | Remote*<br>Air Valve | Standard<br>Air Valve       | Remote*<br>Air Valve |                        |                        |                             |              |         |                  |
| Standard Pumps with Aluminium Center Section                  |                              |                      |                             |                      |                        |                        |                             |              |         |                  |
| Polypropylene                                                 | DF2311                       |                      |                             |                      | Stainless Steel        | PTFE                   | PTFE                        | D0G311       | 236273  | 246947           |
|                                                               | DF2377                       | DG2377               |                             |                      | Stainless Steel        | Buna                   | Buna                        | D0G377       | 236273  | 246947           |
|                                                               | DF2777                       | DG2777               |                             |                      | Buna                   | Buna                   | Buna                        | 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                   | Buna                        | 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                       | DG5811               |                             |                      | 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           |
| Corrosion Resistant Pumps with Stainless Steel Center Section |                              |                      |                             |                      |                        |                        |                             |              |         |                  |
| Polypropylene                                                 | DV2311                       |                      |                             |                      | Stainless Steel        | PTFE                   | PTFE                        | D0G311       | 236273  | 246947           |
|                                                               | DV2341                       |                      |                             |                      | Stainless Steel        | Hardened SST           | PTFE                        | D0G341       | 236273  | 246947           |
|                                                               | DV2377                       |                      |                             |                      | Stainless Steel        | Buna                   | Buna                        | D0G377       | 236273  | 246947           |
|                                                               | DV2888                       |                      |                             |                      | Fluoroelastomer        | Fluoroelastomer        | Fluoroelastomer             | D0G888       | 236273  | 246947           |
|                                                               | DV2911                       |                      |                             |                      | Polypropylene          | PTFE                   | PTFE                        | D0G911       | 236273  | 246947           |
|                                                               | DV2977                       |                      |                             |                      | Polypropylene          | Buna                   | Buna                        | D0G977       | 236273  | 246947           |
|                                                               | DV2988                       |                      |                             |                      | Polypropylene          | Fluoroelastomer        | Fluoroelastomer             | D0G988       | 236273  | 246947           |
|                                                               | DV2A11                       |                      |                             |                      | PVDF                   | PTFE                   | PTFE                        | D0GA11       | 236273  | 246947           |
|                                                               | DV2A88                       |                      |                             |                      | PVDF                   | Fluoroelastomer        | Fluoroelastomer             | D0GA88       | 236273  | 246947           |
| PVDF                                                          | DV5311                       |                      |                             |                      | Stainless Steel        | PTFE                   | PTFE                        | D0G311       | 236273  | 246947           |
|                                                               | DV5811                       |                      |                             |                      | Fluoroelastomer        | PTFE                   | PTFE                        | D0G811       | 236273  | 246947           |
|                                                               | DV5888                       |                      |                             |                      | Fluoroelastomer        | Fluoroelastomer        | Fluoroelastomer             | D0G888       | 236273  | 246947           |
|                                                               | DV5A11                       |                      |                             |                      | PVDF                   | PTFE                   | PTFE                        | D0GA11       | 236273  | 246947           |
|                                                               | DV5A88                       |                      |                             |                      | 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                                    | 8.4 bar (0.84 MPa-120 psi)                         | 8.4 bar (0.84 MPa-120 psi)                         |
| Maximum free flow delivery*                                       | 568 l/min (150 gpm)                                | 568 l/min (150 gpm)                                |
| Maximum pump speed                                                | 145 cpm                                            | 145 cpm                                            |
| Displacement per cycle**                                          | 3.90 liter (1.03 gallon)                           | 3.90 liter (1.03 gallon)                           |
| Maximum suction lift                                              | 5.48 m (18 ft) wet or dry                          | 5.48 m (18 ft) wet or dry                          |
| Maximum size pumpable solids                                      | 6.3 mm (0.25")                                     | 6.3 mm (0.25")                                     |
| Maximum operating temperature***                                  | 65.5°C (150°F)                                     | 65.5°C (150°F)                                     |
| Maximum diaphragm operating temperature***                        |                                                    |                                                    |
| PTFE                                                              | 104.4°C (220°F)                                    | 104.4°C (220°F)                                    |
| Santoprene                                                        | 82.2°C (180°F)                                     | 82.2°C (180°F)                                     |
| Buna-N                                                            | 82.2°C (180°F)                                     | 82.2°C (180°F)                                     |
| TPE                                                               | 65.5°C (150°F)                                     | 65.5°C (150°F)                                     |
| Fluoroelastomer                                                   | 121.1°C (250°F)                                    | 121.1°C (250°F)                                    |
| Geolast                                                           | 65.5°C (150°F)                                     | 65.5°C (150°F)                                     |
| Typical sound level at 4.9 bar<br>(0.49 MPa-70 psi) air @ 125 cpm | 78 dBA                                             | 78 dBA                                             |
| Maximum air consumption                                           | 4.9 m³/min (175 scfm)                              | 4.9 m³/min (175 scfm)                              |
| Air consumption at 4.9 bar (0.49 MPa-70 psi) / 226 l/min (60 gpm) | 1.7 m³/min (60 scfm)                               | 1.7 m³/min (60 scfm)                               |
| Air pressure operating range                                      | 1.4 to 8.4 bar<br>(0.14 to 0.84 MPa-20 to 120 psi) | 1.4 to 8.4 bar<br>(0.14 to 0.84 MPa-20 to 120 psi) |
| Air inlet size                                                    | 1/2 npt(f)                                         | 1/2 npt(f)                                         |
| Fluid inlet & outlet size                                         | 51 mm (2") ANSI-flange                             | 51 mm (2") ANSI-flange                             |
| Weight                                                            | 22 kg (49 lb)                                      | 30.8 kg (68 lb)                                    |
| Weight with stainless steel center section                        | 31 kg (68.5 lb)                                    | 39.6 kg (87.5 lb)                                  |
| Instruction manual                                                | 308550                                             | 308550                                             |

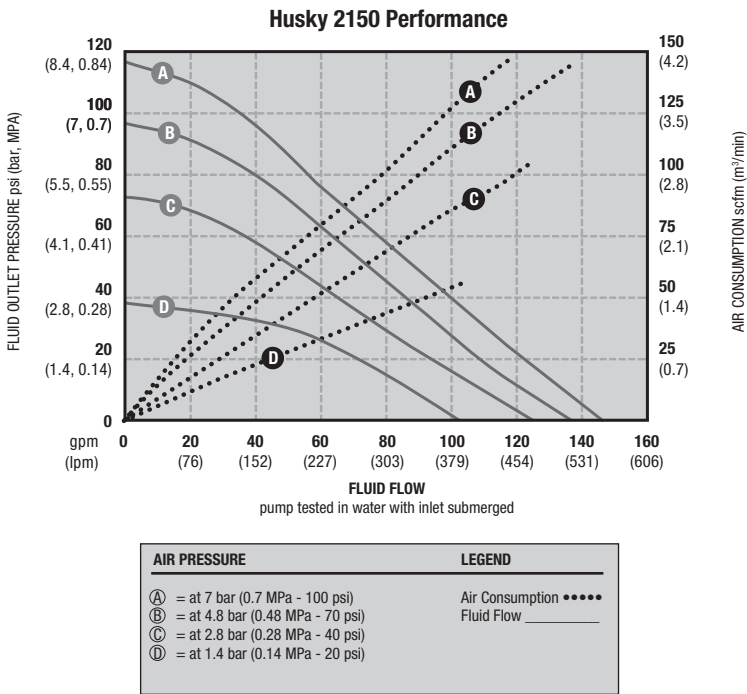
\* Flow rates are with muffler and do not vary based on diaphragm material

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

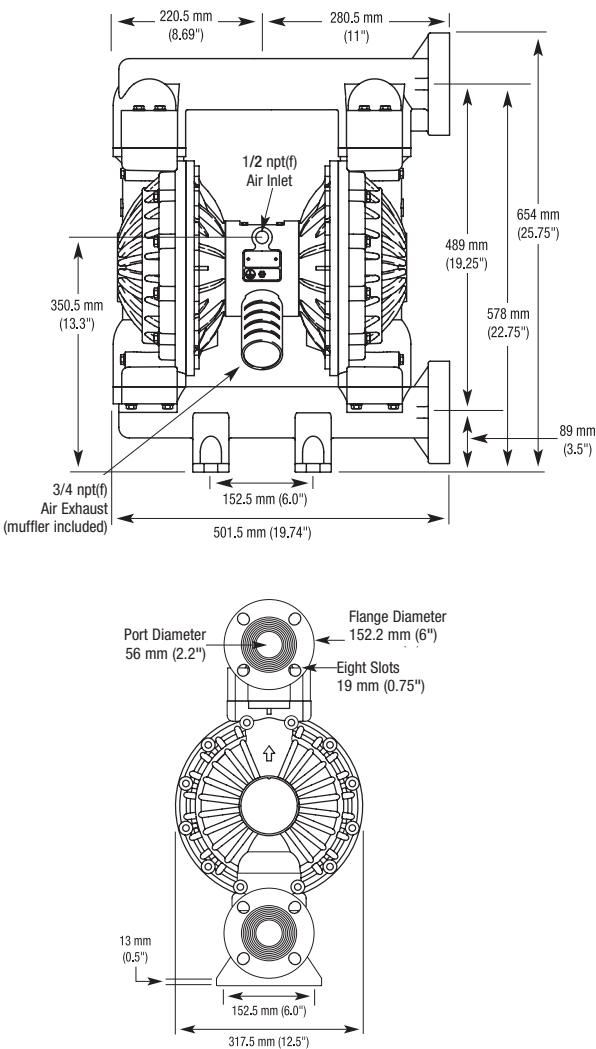
\*\*\* Actual pump performance may be affected by prolonged usage at temperature

# Husky 2150 Plastic Pumps

## Performance Charts

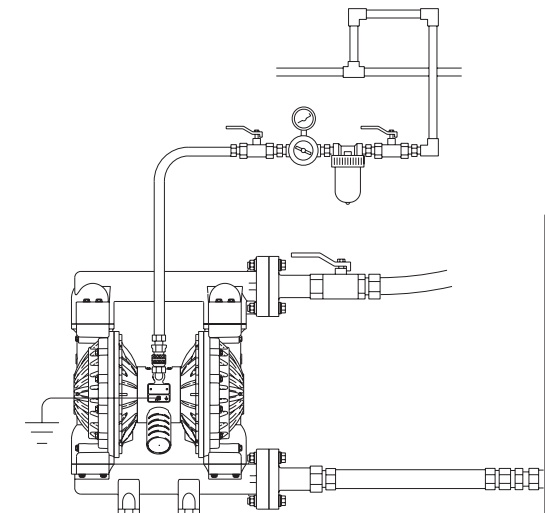


## Dimensions



## Typical System Drawings

### Husky 2150 Above Ground Gravity Feed



# Husky 2150 Metal Pumps

## Air-Operated Double Diaphragm

### Ordering Information

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

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

### Popular Models

| Material                                                      | Part Number<br>(NPT Ported) |                      | Part Number<br>(BSP Ported) |                      | Materials for<br>Seats | Materials for<br>Balls | Materials for<br>Diaphragms | Fluid<br>Kit | Air Kit | Air<br>Control** |        |
|---------------------------------------------------------------|-----------------------------|----------------------|-----------------------------|----------------------|------------------------|------------------------|-----------------------------|--------------|---------|------------------|--------|
|                                                               | Standard<br>Air Valve       | Remote*<br>Air Valve | Standard<br>Air Valve       | Remote*<br>Air Valve |                        |                        |                             |              |         |                  |        |
| Standard Pumps with Aluminium Center Section                  |                             |                      |                             |                      |                        |                        |                             |              |         |                  |        |
| Aluminium***                                                  | 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                   | Buna                        | 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                   | Buna                   | Buna                        | 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                   | Buna                        | 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                   | Buna                        | 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                   | Buna                   | Buna                        | 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                        | Buna         | 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

## Husky 2150 Metal Pumps



### Technical Specifications

| Husky 2150 Metal Pumps                                              | Aluminium                                               | Stainless Steel                                         | Ductile Iron                                            |
|---------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| Maximum fluid working pressure                                      | 8.4 bar (0.84 MPa - 120 psi)                            | 8.4 bar (0.84 MPa - 120 psi)                            | 8.4 bar (0.84 MPa - 120 psi)                            |
| Maximum free flow delivery*                                         | 568 l/min (150 gpm)                                     | 568 l/min (150 gpm)                                     | 568 l/min (150 gpm)                                     |
| Maximum pump speed                                                  | 145 cpm                                                 | 145 cpm                                                 | 145 cpm                                                 |
| Displacement per cycle**                                            | 3.90 liter (1.03 gallon)                                | 3.90 liter (1.03 gallon)                                | 3.90 liter (1.03 gallon)                                |
| Maximum suction lift (DF3666)                                       | 6.1 m (20 ft) dry                                       | 6.1 m (20 ft) dry                                       | 6.1 m (20 ft) dry                                       |
| Maximum size pumpable solids                                        | 6.3 mm (0.25 in)                                        | 6.3 mm (0.25 in)                                        | 6.3 mm (0.25 in)                                        |
| Maximum diaphragm operating temperature***                          |                                                         |                                                         |                                                         |
| PTFE                                                                | 104.4°C (220°F)                                         | 104.4°C (220°F)                                         | 104.4°C (220°F)                                         |
| Santoprene                                                          | 82.2°C (180°F)                                          | 82.2°C (180°F)                                          | 82.2°C (180°F)                                          |
| Buna-N                                                              | 82.2°C (180°F)                                          | 82.2°C (180°F)                                          | 82.2°C (180°F)                                          |
| TPE                                                                 | 65.5°C (150°F)                                          | 65.5°C (150°F)                                          | 65.5°C (150°F)                                          |
| Fluoroelastomer                                                     | 121.1°C (250°F)                                         | 121.1°C (250°F)                                         | 121.1°C (250°F)                                         |
| Geolast                                                             | 65.5°C (150°F)                                          | 65.5°C (150°F)                                          | 65.5°C (150°F)                                          |
| Typical sound level at 4.9 bar<br>(0.49 MPa - 70 psi) air @ 125 cpm | 78 dBA                                                  | 78 dBA                                                  | 78 dBA                                                  |
| Maximum air consumption                                             | 4.9 m³/min (175 scfm)                                   | 4.9 m³/min (175 scfm)                                   | 4.9 m³/min (175 scfm)                                   |
| Air pressure operating range                                        | 1.4 to 8.4 bar<br>(0.14 to 0.84 MPa /<br>20 to 120 psi) | 1.4 to 8.4 bar<br>(0.14 to 0.84 MPa /<br>20 to 120 psi) | 1.4 to 8.4 bar<br>(0.14 to 0.84 MPa /<br>20 to 120 psi) |
| Air inlet size                                                      | 1/2 npt(f)                                              | 1/2 npt(f)                                              | 1/2 npt(f)                                              |
| Fluid inlet & outlet size                                           | 51 mm (2 in) npt(f) or bspt(f)                          | 51 mm (2 in) npt(f) or bspt(f)                          | 51 mm (2 in) npt(f) or bspt(f)                          |
| Weight                                                              | 26.3 kg (58 lb)<br>28.1 kg (62 lb) - Extended           | 50 kg (111 lb)                                          | 59 kg (130 lb)                                          |
| Weight with stainless steel center section                          | not available                                           | 60 kg (134 lb)                                          | not available                                           |
| 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

