

# Husky 205

Part Number: **D11021**

Number: 205AC-P01AAC5-ACPTPT-FK



|                         |                                               |
|-------------------------|-----------------------------------------------|
| Power Source:           | Air Operated                                  |
| Certification Required: | ATEX                                          |
| Fluid Section Material: | [AC] Acetal                                   |
| Pump Inlet/Outlet Size: | 205 - 1/4 Inch, 5 gpm (6mm, 19 lpm)           |
| Center Section:         | [P01A] Polypropylene Standard Air Valve (NPT) |
| Porting:                | [AC5] Acetal Standard Porting (NPT)           |
| Seats:                  | -                                             |
| Balls:                  | [AC] Acetal                                   |
| Diaphragms:             | [PT] PTFE                                     |
| Manifold O-Rings:       | [PT-FK] PTFE Encapsulated Fluoroelastomer     |

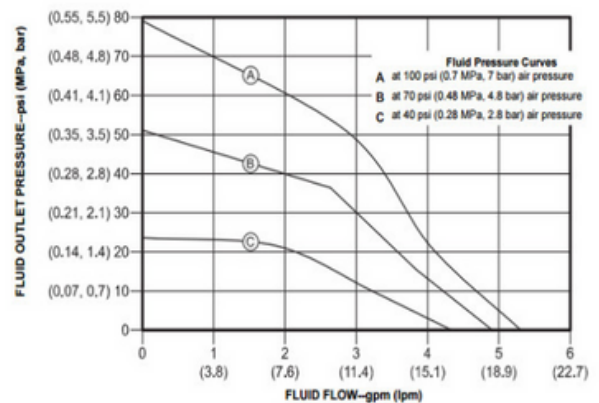


## Technical Specifications

| Husky 205 Plastic Pumps                                         | Acetal                                        |
|-----------------------------------------------------------------|-----------------------------------------------|
| Maximum fluid working pressure                                  | 100 psi (7 bar, 0.7 MPa)                      |
| Maximum free flow delivery*                                     | 5.0 gpm (18.9 lpm)                            |
| Maximum pump speed                                              | 250 cpm                                       |
| Displacement per cycle**                                        | 0.012 gallon (0.045 liter)                    |
| Maximum suction lift (D12096)                                   | 10 ft (3 m) dry                               |
| Maximum size pumpable solids                                    | 0.06 in (1.5 mm)                              |
| Maximum ambient operating temperature***                        | 180°F (82°C)                                  |
| Maximum diaphragm operating temperature***                      | Refer to page 5                               |
| Typical sound level at 70 psi (4.9 bar, 0.49 MPa) air @ 125 cpm | 70 dBA                                        |
| Maximum air consumption                                         | 9.0 scfm (0.252 m3/min)                       |
| Air pressure operating range                                    | 20 to 100 psi (1.4 to 7 bar, 0.14 to 0.7 MPa) |
| Air inlet size                                                  | 1/4 npt(f)                                    |
| Air exhaust port size                                           | 1/4 npt(f)                                    |
| Fluid inlet & outlet size****                                   | 1/4 npt(f)                                    |
| Weight                                                          | 2.5 lb (1.1 kg)                               |

### Husky 205 Fluid Outlet Pressure

Test Conditions: Pump tested in water with inlet submerged.



To find Fluid Outlet Pressure (psi/MPa/bar) at a specific fluid flow (gpm/lpm) and operating air pressure (psi/MPa/bar):

1. Locate fluid flow rate along bottom of chart.
2. Follow vertical line up to intersection with selected fluid outlet pressure curve.
3. Follow left to scale to read fluid outlet pressure.