

Husky 1050

Part Number: 649038

Number: 1050P-P01AP2SSSSPTPT

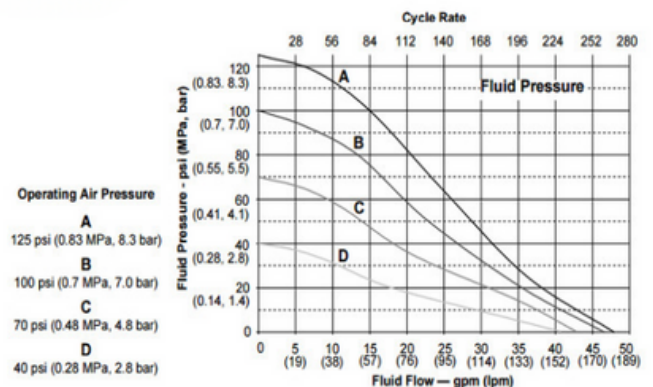


Power Source:	Air Operated
Certification Required:	No Certification
Fluid Section Material:	[P] Polypropylene
Pump Inlet/Outlet Size:	1050 - 1 inch, 50 gpm (25mm, 189 lpm)
Center Section:	[P01A] Polypropylene Standard Air Valve (NPT)
Porting:	[P2] Polypropylene End Flange ANSI/DIN
Seats:	[SS] 316 SST
Balls:	[SS] 316 SST
Diaphragms:	[PT] PTFE
Manifold O-Rings:	[PT] PTFE



Technical Specifications

Husky 1050 Plastic Pumps	Polypropylene
Maximum fluid working pressure	125 psi (8.6 bar, 0.86 MPa)
Maximum free flow delivery	50 gpm (189 lpm)
Maximum pump speed	280 cpm
Displacement per cycle	0.17 gal (0.64 liters)
Maximum suction lift	16 ft (4.9 m) dry, 29 ft (8.8 m) wet
Maximum size pumpable solids	1/8 in (3.2 mm)
Sound Power*	
at 70 psi (4.8 bar, 0.48 MPa) and 50 cpm	78 dBA
at 100 psi (7.0 bar, 0.7 MPa) and full flow	90 dBA
Sound Pressure**	
at 70 psi (4.8 bar, 0.48 MPa) and 50 cpm	84 dBA
at 100 psi (7.0 bar, 0.7 MPa) and full flow	96 dBA
Maximum air consumption	67 scfm
Air consumption at 70 psi (4.8 bar, 0.48 MPa), 20 gpm (76 lpm)	25 scfm
Air pressure operating range	20-125 psi (1.4-8.6 bar, 0.14-0.86 MPa)
Air inlet size	1/2 npt(f)
Fluid inlet size	1 in raised face ANSI/DIN flange
Fluid outlet size	1 in raised face ANSI/DIN flange
Weight	18 lb (8.2 kg)



How to Read the Charts

1. Locate fluid flow rate along bottom of chart.
2. Follow vertical line up to intersection with selected operating air pressure curve.
3. Follow left to scale to read fluid outlet pressure (top chart) or air consumption (bottom chart).

