

AA40 HP (1 1/2")

Sales & Engineering Data Sheet

Aluminium & Stainless Steel

The new AA40 Design improvements include the overmolded frame which provides improved reliability and helps to eliminate fluid leakage and an updated diaphragm design that increases flow-rates up to 30%

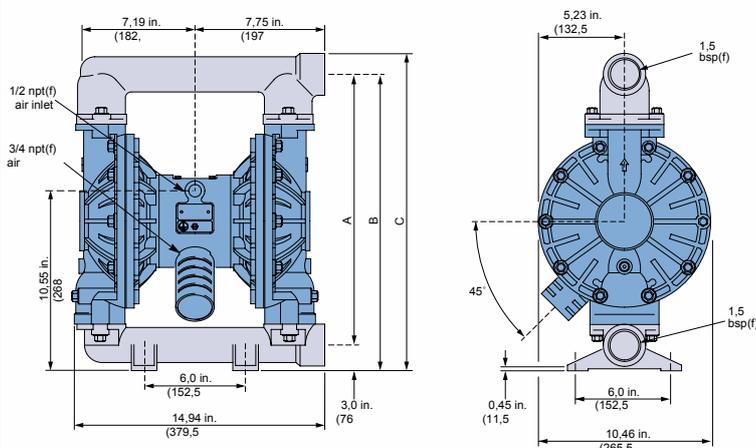
Specifications

Maximum fluid working pressure	125 psi (0.86 Mpa, 8.6 bar)
Air pressure operating range20 to 125 psi (1.4 to 8.6 bar, 0.14 to 0.86 MPa)
Maximum air consumption.....	.85 scfm
Maximum free flow delivery	45 gpm (180 l/min)
Maximum pump speed.....	.192 cpm
Gallons (litres) per cycle.....	.063 (2.4)
Maximum suction lift.....	.2.5 m / 5.5 m dry/wet
Maximum size pumpable solids.....	0.19 in. (4.8mm)
Maximum viscosity.....	15000 cps
*Maximum noise level at 100psi, full flow.....	.94 dBa
Sound power level.....	102.1 dBa
*Noise level at 70psi, 50 cycles/min.....	90.9 dBa
Maximum operating temperature	275°F (135°C)
Air inlet size.....	1/2 npt (f)
Fluid inlet size	1-1/2 in. raised face flange
Fluid outlet size	1-1/2 in. raised face flange
Non-wetted external parts.....	Aluminium, 302 and 316 stainless steel, Polyester (labels)
Weight	
Aluminium Pumps:.....	with aluminium center section 15kg
Stainless Steel Pumps:.....	with aluminium center section 32.7kg
Stainless Steel Pumps:.....	with Stainless steel center section 40kg



AA40-HP

Material Options



	dimensions Aluminum pumps	dimensions ssT pumps
A	427 mm	412,5 mm
B	465 mm	451,0 mm
C	497 mm	482,5 mm