

# AT80 (3")

## Sales & Engineering Data Sheet

### Metallic

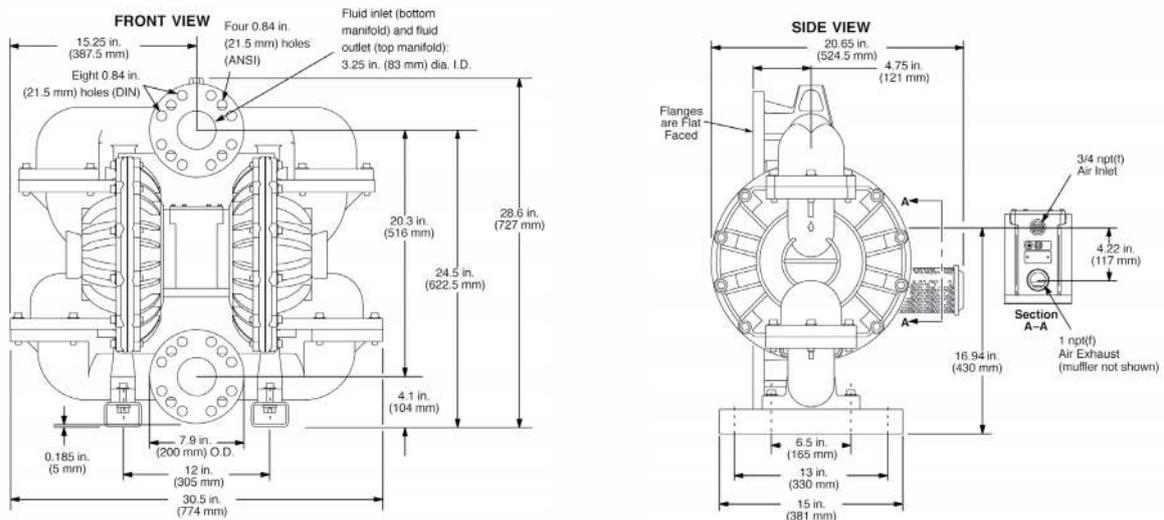
### Specifications

Maximum fluid working pressure .....	120 psi (0.8 MPa, 8 bar)
Air operating range .....	20 to 120 psi (0.14 to 0.8 MPa, 1.4 to 8 bar)
Maximum air consumption .....	325 scfm
Air consumption at 70 psi and 100 gpm (480 kPa, 4.8 bar and 379 lpm) .....	120 scfm (1.26 m <sup>3</sup> /min)
Maximum freeflow delivery .....	275 gpm (1,041 lpm)
Maximum pump speed .....	135 cpm
Gallons (liters) per cycle .....	2.0 (7.6)
Maximum suction lift (water)	
Dry .....	8 ft (2.5 m)
Wet .....	28 ft (8.5 m)
Maximum size pumpable solids .....	3/8 in. (9.4 mm)
Sound power level at 120 psi (0.8 MPa, 8 bar) and 105 cpm .....	101 dBA
Sound pressure level at 120 psi (0.8 MPa, 8 bar) and 105 cpm .....	86 dBA
Sound pressure level at 50 psi (0.3 MPa, 3 bar) and 50 cpm .....	76 dBA
Maximum operating temperature .....	150°F (65°C)
Fluid inlet .....	3in. ANSI 4bolt / DIN 8bolt flange
Fluid outlet .....	3in. ANSI 4bolt / DIN 8bolt flange
Wetted parts .....	aluminum, PTFE, Geolast
Santoprene, TPE, plated steel, acetal, SST	
Weight .....	approximately 150lb (68kg)



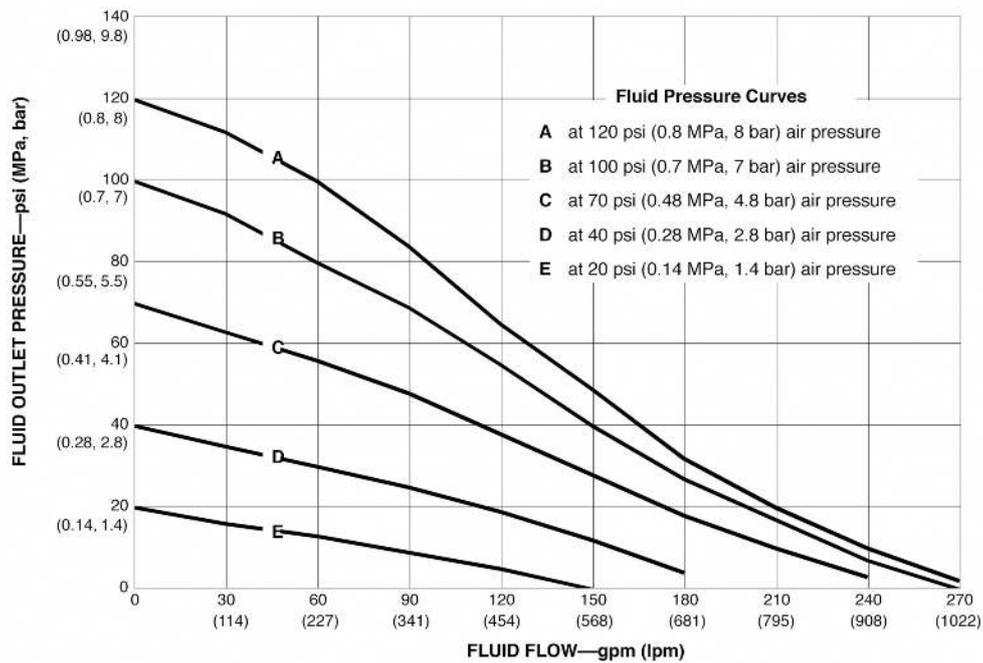
**Ex** **CE** **AT80 PUMP**

### Dimensional Drawing



## Performance Charts Ashton AT80 Fluid Outlet Pressure

Test Conditions: Pump tested in water with inlet submerged.



## Performance Charts Ashton AT80 Air Consumption

Test Conditions: Pump tested in water with inlet submerged.

