

Python™ Pneumatically Operated Pumps

Python pumps are ideal for applications that require a pump to operate in an explosion proof environment and can run off regulated natural gas or compressed air. These pumps have the lowest out of pocket cost, are easy to operate and use half the air consumption of other pumps in the market. Plus, the Python's extreme duty plungers, seals and timing valve are designed for up to two years of operation before replacement.

Operating Environment

The Python is designed to operate in environments from -40°F to 175°F (-40°C to 79°C), made entirely from 316 SST parts and are sealed against water and dust.

Accurate Control

Ultra precision stroke adjustment between 1/4 to 1 inch (6.4 to 25.4 mm) ensures accurate injection rates.

Environmental

Reduced fugitive methane emissions.

Chemical Compatibility

HNBR, FKM, FKM ETP, and FFKM plunger packings and check valve seals can handle some of the most aggressive chemicals.

Consistent Operation

Pump cycle rate remains constant regardless of system back pressure.

Configurations

Fluid Plunger Sizes

- 1/8 in (3.18 mm)
- 3/16 in (4.76 mm)
- 1/4 in (6.35 mm)
- 3/8 in (9.5 mm)
- 1/2 in (12.7 mm)
- 5/8 in (15.9 mm)
- 3/4 in (19.1 mm)

Air Motor Size

- 1-1/4 in (31.8 mm)
- 1-3/4 in (44.5 mm)
- 2 in (50.8 mm)

Input Power

- Compressed air or natural gas
- Max 200 psig (13.8 bar, 1.38 MPa)

Pump Capabilities

- Max flow rate: 165 gpd (625 lpd)
- Max pressure: 12,000 psi (827 bar, 82.7 MPa)
- Max cycle rate: 60 cycles/min

