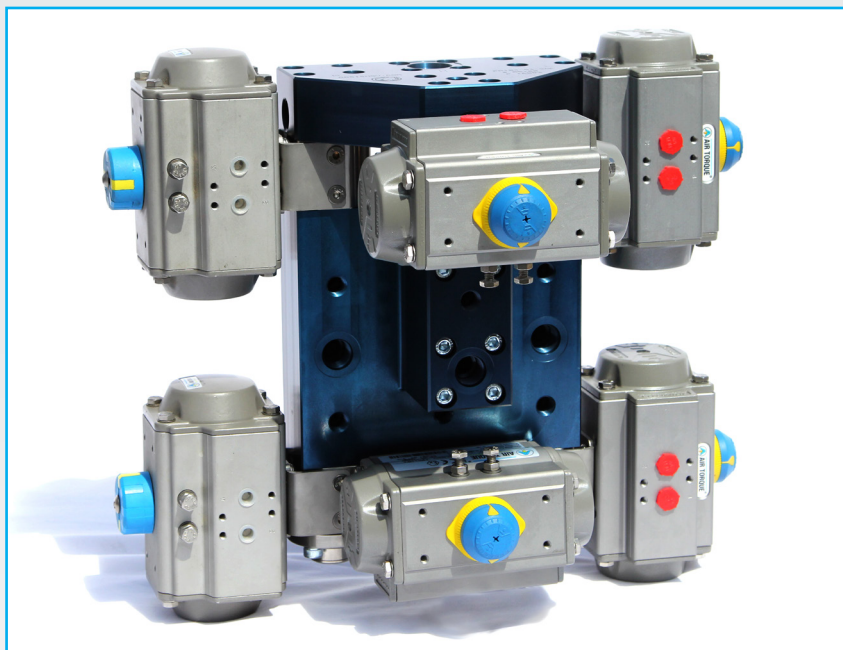




100 Series CNG Priority Manifold

Applications

CNG Priority Panel, for use in dispensing stations



Materials

| Item | Part | Material |
|------|-------------------|-------------------------------------|
| 1 | Blocks | 6061 Aluminium |
| 2 | Actuator Brackets | 304 Stainless steel |
| 3 | Sandwich Valves | As per standard specifications |
| 4 | Check Valves | As per standard specifications |
| 5 | Actuator | As per manufacturing specifications |

Features & Benefits

Service kits are readily available & easy to install.

CNC machining allows tighter tolerances to be maintained, which extends the working life of the components.

The complete Oasis range has been cycle tested to ensure LOWEST LIFE COST.

All products are manufactured to ISO 9001 standards.

More product information available online at oasisngv.com/resources.

Complies to PED 2014/68/EU.

Product Specification

| Part Code | Mass lb (kg) | Min. Operating Pressure bar (psi) * | Max. Operating Pressure bar (psi) ** | Min. Temp. °F (°C) | Max Temp. °F (°C) | Cycles Before Rekit ^ | Stem Open Torque ft-lb (Nm)^^ | Cv |
|-------------------|-----------------|---|--|--------------------------|-------------------------|-----------------------------|-------------------------------------|-----|
| PM104-STD-SAE-ASM | (36) 16.5 | 34 (500) | 410 (6000) | -40 (-40) | 185 (85) | 100,000 | 3.3 (4.5) | 3.3 |
| PM104-TLB-SAE-ASM | (36) 16.5 | 34 (500) | 410 (6000) | -40 (-40) | 185 (85) | 100,000 | 3.3 (4.5) | 3.3 |

* Minimum system pressure the product will hold constant bubble tight seal.

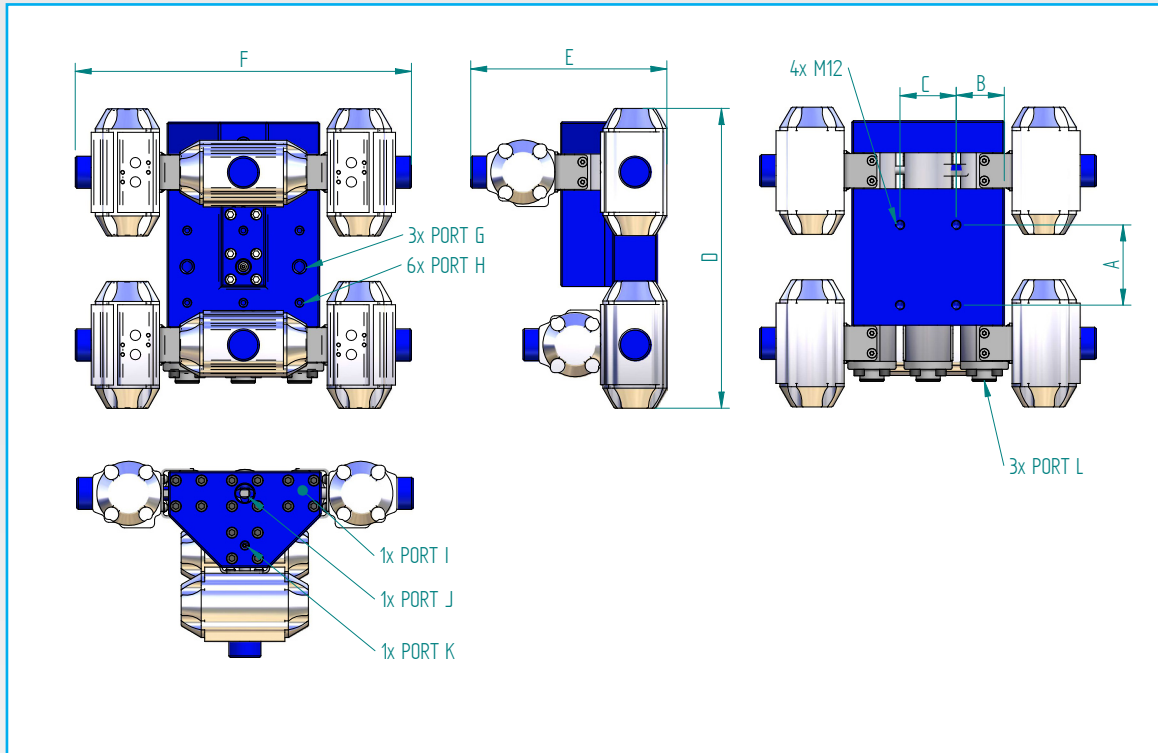
** Maximum pressure at which the product can constantly operate at.

^ It is recommended that the priority panel is re-kitted on or before the maximum number of allowable cycles.

^^ Opening Torque at 6,000 psi



100 Series CNG Priority Manifold



Dimensions (mm)

| Part Code | Size | A | B | C | D | E | F |
|-------------------|------|-----|----|----|-----|-----|-----|
| PM104-STD-SAE-ASM | 1/2" | 100 | 60 | 70 | 374 | 245 | 420 |
| PM104-TLB-SAE-ASM | 1/2" | 100 | 60 | 70 | 374 | 245 | 420 |

| Part Code | PORT G | PORT H | PORT I | PORT J | PORT K | PORT L |
|-------------------|--------------|----------|-----------------|-----------------|----------|--------------|
| PM104-STD-SAE-ASM | 3/4 - 16 SAE | 1/4" NPT | N/A | 1 1/16 - 12 SAE | 1/4" NPT | 3/4 - 16 SAE |
| PM104-TLB-SAE-ASM | 3/4 - 16 SAE | 1/4" NPT | 1 1/16 - 12 SAE | 1 1/16 - 12 SAE | 1/4" NPT | 3/4 - 16 SAE |

Port Descriptions

| Port Identification | Port description |
|---------------------|-------------------------------------|
| PORT G | H, M, L supply |
| PORT H | Pressure transducer and gauge ports |
| PORT I | Low pressure trailer supply |
| PORT J | From compressor |
| PORT K | Pressure gauge port |
| PORT L | To forecourt |

P & ID

