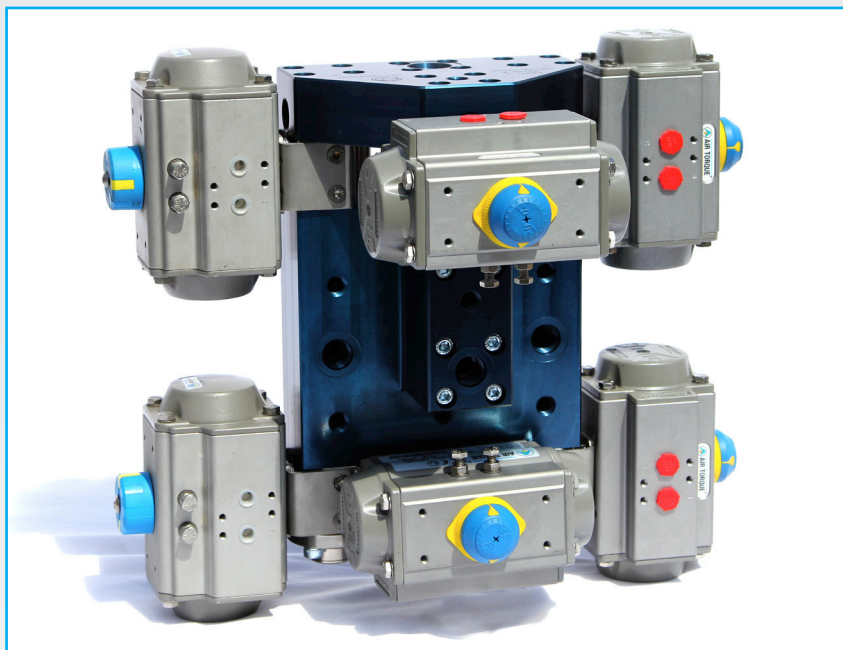




## 100 Series CNG Priority Manifold

### 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](http://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.

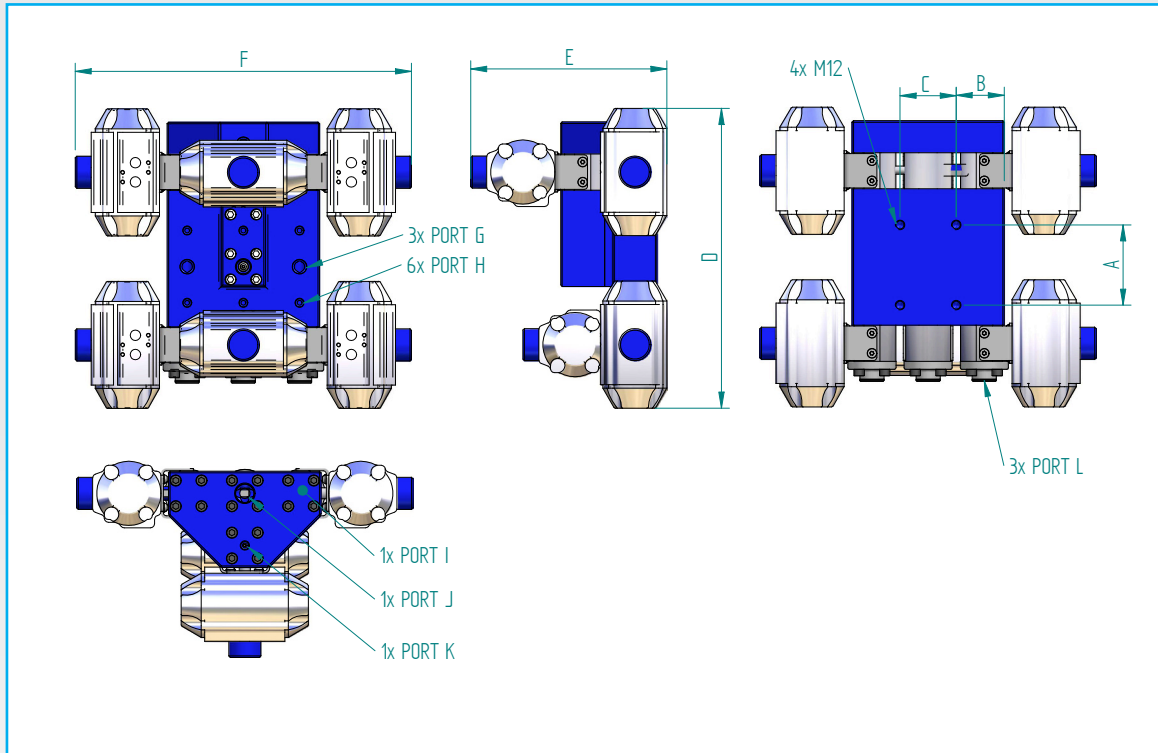
\*\* Maximum pressure at which the product can constantly operate at.

^ 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

