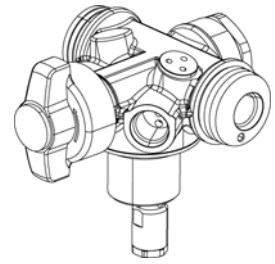


**Part Number:** 115410

**Part Description:** Manual Valve, Fuel Storage Cylinder



## Product Technical Specifications

### General Specifications

Manufacturer .....	Rotarex
Manufacturer PN .....	721-84109-0000
Overall Length .....	3.9" (98mm)
Approximate Handle Diameter .....	2.0" (50mm)
Mass .....	2.36 lb (1.07kg)
Approved Service Gas .....	Compressed Natural Gas (CNG)
Certifications .....	NGV 3.1-2012
.....	PRD Certified to ANSI-PRD1b-2007
Service Pressure .....	3,600 psi (24.8 MPa) @ 70°F (21°C)
Temperature Range .....	-40°F (-40°C) to 140°F (60°C)
PRD Activation Temperature .....	230F ±9 (110°C ±5°)
Seat Orifice Diameter .....	0.236" (6mm)
PRD Orifice Diameter .....	0.197" (5mm)
Excess Flow Rating .....	Δ 43.5 psi (300kPa)
Burst Disc .....	N/A

### Electrical Characteristics

Voltage Range .....	N/A
Nominal Resistance @ 70°F (21°C).....	N/A
Nominal Current Draw .....	N/A
Peak Current Draw .....	N/A

### Electrical Interface

Solenoid Connector .....	N/A
Temperature Sensor Connector .....	N/A

### Mechanical Interface

Cylinder Interface .....	1 1/8" -12 UNF-2A
Valve Body Material .....	Brass
Inlet Port .....	9/16-18 SAE
Outlet Port .....	9/16-18 SAE
PRD Discharge Port .....	9/16-18 SAE
PRD Live Port .....	N/A

Live port refers to a valve port that cannot be shut off by the use of the valve shut off mechanism; this port of the valve is connected directly to the cylinder contents.

### Torque Specifications

Valve Interface .....	100 lb-ft. (135 N.m)
9/16-18 SAE (Recommended, refer to SAE J1926) .....	22 lb-ft. (30 N.m)

### Maintenance Parts

Valve Interface O-Ring .....	Quantum PN 111409-216
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