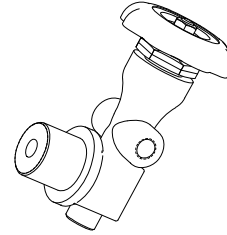


**Part Number:** 112508

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



## Product Technical Specifications

### General Specifications

Manufacturer .....	Sherwood
Manufacturer PN (Nickel-Plated) .....	DFN16550-00HFKP
Overall Length .....	4.6" (117 mm)
Approximate Handle Diameter .....	2.5" (64 mm)
Mass .....	1.5 lb (0.7 kg)
Approved Service Gas .....	Compressed Natural Gas (CNG)
Certifications .....	See Note 1
Maximum Service Pressure .....	3600 psi (24.8 MPa) @ 70°F (21°C)
Temperature Range .....	-50°F (-46°C) to 120°F (49°C)
Seat Orifice Diameter .....	0.186" (4.72 mm)
Gas Flow .....	1458 CFM @ 3600 psi inlet.
Excess Flow Rating .....	Not Equipped

### 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 .....	7/16-20 UNF-2B
Outlet Port .....	7/16-20 UNF-2B
PRD Port .....	0.650-19 UNS-3A

### Torque Specifications

Valve Interface .....	100 Ft. lb. (135 N.m.)
PRD Interface (Recommended, refer to SAE J1926) .....	35 Ft. lb. (47 N.m.)

### Maintenance Parts

PRD Interface Sealing Washer .....	GFI PN P1200-15C
Valve Interface O-Ring .....	Quantum PN 111409-216

Note 1: The manufacturer of the valve asserts compliance to CGA V-9 but the temperature range indicated by the valve manufacturers component specifications do not meet CGA requirements.