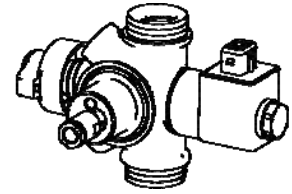


Part Number: 114349

Part Description: Automatic Valve, Fuel Storage Cylinder



Product Technical Specifications

General Specifications

Manufacturer	Rotarex
Manufacturer PN	721-84209-0000
Overall Length	5.7" (145 mm)
Approximate Handle Diameter	2.0" (50 mm)
Mass	2.6 lb (1.2 kg)
Approved Service Gas	Compressed Natural Gas (CNG)
Certifications	ANSI NGV 3.1-2012
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.....	230°F ±9°F (110°C ±5°C)
Seat Orifice Diameter	0.236" (6 mm)
PRD Orifice Diameter	0.197" (5 mm)
Excess Flow Rating	Δ 43.5 psi (300 kPa)
Burst Disc	N/A

Electrical Characteristics

Voltage Range	12-18 VDC
Nominal Resistance @ 68°F (20°C)	24 Ohms
Nominal Current Draw	0.5 Amps
Peak Current Draw	0.7 Amps

Electrical Interface

Solenoid Connector	TE AMP Junior Timer
Temperature Sensor Connector	N/A

Mechanical Interface

Cylinder Interface	1 1/8" -12 UNF-2A
Valve Body Material	Brass
Inlet Port	9/16-18 UNF-2B
Outlet Port	9/16-18 UNF-2B
PRD Discharge Port	9/16-18 UNF-2B
PRD Live Port (2x).....	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 SAE Port Fittings (Recommended, refer to SAE J1926)	22 lb-ft. (30 N.m)

Maintenance Parts

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