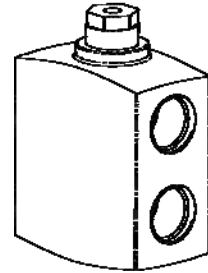


Part Number: 113254

Part Description: Pressure Relief Device (PRD)



Product Technical Specifications

Approved Pressure Relief Device (PRD)

The specifications shown in this document outline the requirements of the PRD that has been tested and approved for use with your Quantum Type 4 cylinder, valve, and PRD assembly.



DANGER

Only approved PRD's are to be installed in your Quantum cylinder. Installation of a PRD not approved for your cylinder will result in death or serious injury.

Installation

This PRD must be installed on the cylinder before the cylinder is filled with fuel. Alteration or modification of a PRD is strictly prohibited.



WARNING

This PRD is connected to a "live" port on the cylinder valve; this PRD will always be exposed to tank pressure even if the cylinder valve is in the closed position.

Never disassemble or disconnect the PRD from the cylinder while the cylinder is pressurized. Failure to follow this instruction may result in death or serious injury.

General Specifications

Manufacturer Information	OMB 695RSZSFXUT
Activation Temperature	230°F ±36°F (110°C ±10°C), Fusible Plug
Flow Orifice	0.433" (11mm)
Normal Working Pressure	3600 psi (24.8 MPa)
Maximum Working Pressure	4496 psi @ 180°F (31 MPa @ 82°C)
Burst Disc Rating	N/A
Fuel	CNG
Operating Temperature	-40°F – 185°F (-40°C – 85°C)
Certification	ANSI/IAS PRD1-1998, PRD1a-1999, PRD1b-2007
Inlet Port (2x) Thread	9/16-18 SAE
PRD Inlet (9/16-18 SAE)	33 Ft. lb. (45 N.m.)
Discharge Port (2x) Thread	9/16-18 SAE
PRD Discharge (9/16-18 SAE)	33 Ft. lb. (45 N.m.)
Build Material	Nickel-Plated Brass
PRD Interface Sealing Washer	N/A

