SEVO CV Series
SEVO 1230 Cylinder Valve Assembly

Description
The cylinder valves are of a pressure-seated high flow rate design, in order to meet the rapid discharge time specified in NFPA 2001. Each has a brass body, a brass piston with resilient seat, a pressure releasing pilot check, a safety disc assembly, a pressure gauge, and an electric solenoid valve. This relieves the pressure above the piston and permits the piston to travel upward, thus fully opening the valve and permitting the agent to discharge through the outlet. The discharge outlet is fired with an anti-recoil plug, which is a safety device to prevent violent movement of the cylinder in the event of discharge while the cylinder valve is not connected to the piping system structure.

Each Novec™ 1230 fluid fill and use shall be in accordance with the instructions in the pre-engineered system design manual as required by UL Listing or FM approval.

Specifications
- Filled at factory in single lb. increments
- High flow rate valve
- Electric solenoid operation
- Horizontal or vertical mounting
- Novec 1230 Clean Agent Extinguishing Fluid
- Optional
  - Liquid level indicator
  - Pneumatic Actuation
  - Manual Actuation
  - Pressure Switch
    - Low Pressure
    - Operational

Key Features
All sizes are charged with agent and pressurized with nitrogen to 360 psig (25 bar) or 500 psig (34.5 bar) at 70°F/21°C. They are manufactured, tested, and marked in accordance with D.O.T. specifications: 4BA500 or 4BW500 or TPED for the various sizes.

<table>
<thead>
<tr>
<th>Cylinder Sizes</th>
<th>Allowable Fill (lbs)</th>
<th>Part Numbers</th>
<th>Listings/Approvals</th>
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Technical Data Sheet

Utilizing 3M™ Novec™ 1230 Fire Protection Fluid
Technical Data Sheet

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