R.K. Instruments & Controls

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Vanaz Slam Shut-Off Valve V4321

Brand: Vanaz | Code/Part No.: V4321 | Category: SLAM SHUT OFF VALVES

Specifications

Inlet Pressure Range	**0.5 – 19 kg/cm²**
Outlet Pressure Range	**0.05 – 5 kg/cm²**
Gas Flow Rate	**150 Nm³/hr**
End Connection	**1" BSP (Internal)**
Gas	**Natural Gas, LPG, Nitrogen, CO2**
Installation	**After the filter, before the pressure regulator**
Manufacturer	**Vanaz Engineers Ltd, Pune**



Description

The Vanaz V4321 is a slam shut-off valve installed immediately after the filter and prior to the pressure regulator in a gas train. It normally remains open; if the regulator's outlet pressure exceeds the permissible limit, the valve senses this through its impulse line and immediately shuts off flow to the downstream line, acting as a critical over-pressure safety device. Once the regulator has been repaired, the valve must be reset (opened) manually — it will then remain open as long as the outlet pressure stays within limits. Rated for an inlet pressure of 0.5–19 kg/cm² and outlet pressure of 0.05–5 kg/cm², with a gas flow rate of 150 Nm³/hr through a 1" BSP (internal) end connection, for use with natural gas, LPG, nitrogen and CO2.

Typical media compatibility: CNG, PNG, LPG, Air, Nitrogen — confirm against application before installation.