

Kidde Fire Systems Natura™ Inert Gas System Component Description



Effective: March 2022
K-38-2020 Rev AA

Cylinder Valve

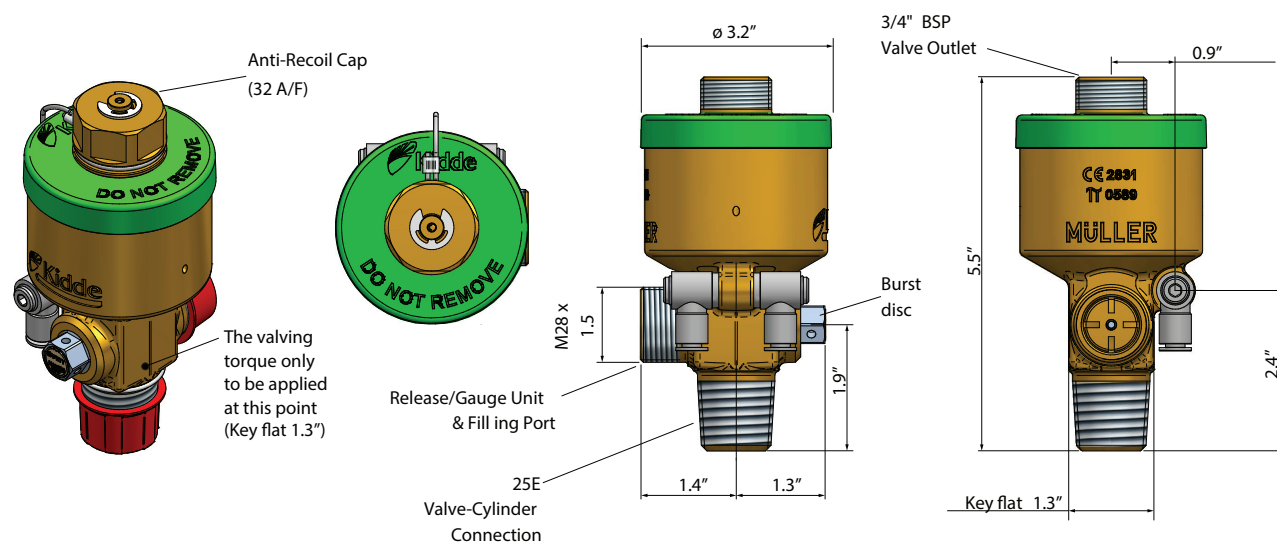
FEATURES

- For Approvals, see the “COMPATIBILITY” table.
- REACH and RoHS compliant
- Tested and CE marked according to EN 12094-4
- Tested and PI marked according to ADR D2/11

DESCRIPTION

The Kidde Fire Systems Natura™ Inert Gas System valve is a pneumatically operated, high pressure, fast actuating cylinder valve for cylinder storage pressures of up to 300 bar. Each valve includes quick connect connectors (6mm) for the pilot actuation line to allow pneumatic opening of the valve at 8 Bar (116 Psi).

Once actuated, the valve’s intelligent flow control technology allows an outlet flow of ≈55 bar (797 psi). After a discharge, the cylinder valve closes automatically when the pressure falls below 3 bar (44 psi). The valve is also designed to safely self-close at ≈70 bar (1015 psi) if released into a closed pipe section without a flowing condition.



SPARE PARTS INFORMATION

Part Number	Description
38-400000-001	Natura™ Inert Gas System Agent Valve
38-400011-001	Anti-Recoil Cap, with Actuation Test Pin

SPECIFICATIONS:

Material: Brass
 Approx. Weight: 3.88lb (1.76 kg)
 Actuation Pressure: 8 Bar (116 Psi)
 Max Number of Operations: 10
 Working Pressure: 300 Bar (4351 Psi)
 Test Pressure: 555 Bar (1031 Psi)
 Burst Disc: 450 Bar (580 Psi) +0/10% from -68 to 149°F (-20 to 65°C)

COMPATIBILITY

Series	DIOM P/N	Approvals*
Natura™ Inert Gas System	06-237619-001	FM, UL
Natura™ Inert Gas System	06-237598-001	LPCB

* For additional listings, contact Kidde Fire Systems

Temperature Range:

FM Approved / UL Listed: -4° to 130°F (-20° to 54°C)*

*Unless superseded by local/national standards

EXPORT INFORMATION (USA)

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 Classification: EAR99
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