The Multi Instruments Isovent Valves

**Isovent Valves**

The Multi Instruments isovent valve is a needle pattern valve with a non-rotating spindle tip and an extra 1/2"NPT port, ensuring a positive bubble tight shut-off function.

Standard valves in stainless steel are suitable for most process applications, however for severe applications, needle valves in "exotic" materials are available.

Maximum working pressure is 420 Bar (AISI316)
Maximum temperature is 200°C (PTFE packing)

**Model IV03**

**Design Features**
- Self aligning metal seats
- Compact Design
- Non-rotating spindle tip
- Metal seal between body and bonnet
- Bonnet Locking pins
- Safety back seating T-Bar and Anti-Tamper operated valves
- Full traceability of all materials
- 100% pressure tested

**Options**
- Anti tamper facility with a removable T-bar key to prevent unauthorized operation of the valve.
- Sour Gas Service
- Oxygen Service
- Available in Monel, Hastelloy, Duplex or NACE compliant materials.
- High temperature up to 450°C (Graphoil packing)
- High pressure up to 680 Bar

**Description**

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**Connections**

See ordering information on the back of this specification sheet for port connection types available.

**Valve Drawing**

Call us at +31 (0)183 62 88 88, or email to instrumentation@multi-instruments.com for additional information, or visit us at www.multi-instruments.com
Ordering information

Model IV03

Model number selection guide

Process Connector Options
- .N02  3/8” NPT
- .N03  1/2” NPT
- .BW03  1/2 “ Butt weld Sch80
- .BW04  3/4” Butt weld Sch80
- .X  Special

NOTES
* Vent port is 1/4” NPT Thread.

Valve Operation Mode
- .TP  T-Bar PTFE
- .TG  T-Bar Graphoil
- .AP  Anti-Tamper PTFE
- .AG  Anti-Tamper Graphoil
- .YP  Mixed PTFE
- .YG  Mixed Graphoil

NOTES
* PTFE <200°C, Graphoil <450°C

Valve Options
- .OS  Oxygen Service

Material
- .SG  AISI316L NACE compliant
- .M  Monel 400
- .H  Hastelloy C276
- .D  Duplex
- .SD  Super Duplex
- .INC  Incoloy 825
- .INC625  Incoloy 625

Model Description
- IV03  Isovent Valve Direct mount

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