

PROCESS LINE EQUIPMENT

FULL FLOW MULTIWAY VALVES

MV



EXCELLENT CLEANABILITY



FULL FLOW (SCRAPABLE VERSION)



2, 3, 4 OR 5 CHANNELS



MANY OPTIONS TO MEET ALL YOUR NEEDS

TRANSEFER



Gillain & Co

HYGIENIC EQUIPMENT FOR FOOD & LIFE SCIENCES

THE HYGIENIC SOLUTION FOR TRANSFERRING YOUR CLEAR, VISCIOUS AND CHARGED PRODUCTS

FULL FLOW DISTRIBUTION VALVES

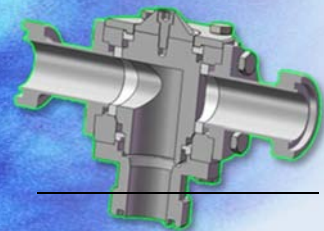
➤ **MVC 3-CHANNEL VALVES**

- "L" wrench



➤ **MVD MULTICHANNEL VALVE**

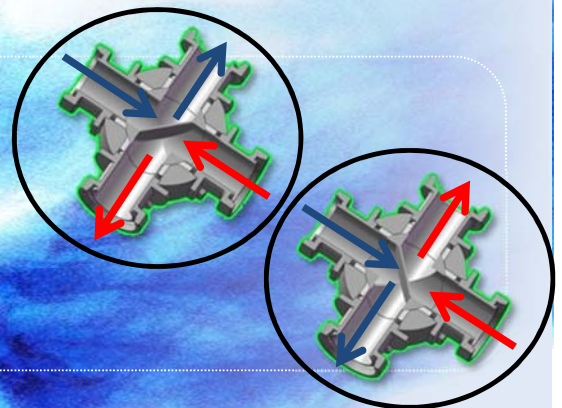
- Product inlet under valve cock



INVERSION VALVE

➤ **MVI 4-CHANNEL VALVE**

- "L/L" wrench, inlets and outlets 90° apart
- Flow inversion valve with 2 inlets/2 outlets



SCRAPABLE VALVES: A CUSTOM SOLUTION ADAPTED TO THE PARTICULARITIES OF YOUR LINES AND YOUR PRODUCTION

CUTOFF VALVE

MVA 2-CHANNEL VALVE

- Go/no go valve
- Certain versions scrapable



BYPASS VALVE

MVH 120° 3-CHANNEL VALVE

- "L" wrench, 120° bend
- Valve scrapable with a SERVINOX valve



DISTRIBUTION VALVE

MVB 90° 3-CHANNEL VALVE

- "T" wrench at 90°
- Valve scrapable with a SERVINOX valve core





➤ Applications

MV multichannel valves are "go/no go" valves equipped with a full flow cylindrical cock for the transfer of clear, viscous and/or charged products.

Their hygienic design ensures the absence of retention zones at the same time as providing optimal cleanability by pulsing during CIP cycles.

➤ Technical data

Materials

Parts in contact with product---: : 1.4404 stainless steel (316L)
Gaskets..... : EPDM
Rings..... : Pure and glass-reinforced PTFE

Characteristics

MV multichannel valves are available in ND 10 to ND 150 (ND 25 to ND 150 for MVH), compliant with most piping standards (DIN 11850, SMS, ISO, OD, MACON...).

The standard version of the valves is manual with rotation by a stainless steel handle. A mechanical actuator is recommended for valves larger than ND 65 (2" in ISO).

The basic version of the valves is designed to operate at a maximal temperature of 80°C with a maximal pressure of 6 bars (except for MVH: 10 bars and 120°C).

Connectors: extremities to weld, male and female, clamps and flanges (MVH not available in the version to weld).

The standard Ra of valves is 0.8 µm interior, excluding welds.

Elastomers and plastics used are US FDA compliant.

➤ Options

- ☞ Command by pneumatic or electric actuator (with or without position detectors)
- ☞ Reinforced versions (standard for MVH), maximal pressure: 10 bars and maximal temperature 120°C
- ☞ Temperature maintained by circulating heat transfer fluid through a jacket
- ☞ Specific surface state
- ☞ ATEX version (94/9/CE) on automatic valves
- ☞ Reinforced cleaning for the most demanding applications
- ☞ Other grades of material on demand
- ☞ Gaskets and seals adapted to working conditions (FKM, silicone, PTFE-coated silicone, nitrile rubber...)

- ☞ End of travel mechanical stops on manual versions (with or without position detectors)
- ☞ Special construction on demand

➤ Commissioning and maintenance

For all information concerning installation, commissioning, use and maintenance of this equipment, refer to technical notice XXX x F.