

The name you can rely on...



**MODEL - SAMPLING, Manual - 260M-15 * & A260M-15 *, MLS
Pneumatic - 260P-15**



Description: 2/2 way sanitary manual and pneumatic operated sampling diaphragm valve (for Autoclavable application refer Mascon).

Size / End Conn.: DN 8, DN 10, DN 15 / Hose nipple, Butt weld end and Triclover end available.

MOC: STD - ASTM A 351 Gr. CF3M

Diaphragm: STD - EPDM, EPDM backed by PTFE **Optional** - Silicon

Temp.: STD - 80°C **Optional** - 130°C

Actuator: STD - **Manual** - ABS, SS 304 wheel, **Pneumatic** - Glass Filled Nylon.

Accessories: Solenoid valve, Micro Switch box

MODEL - 260M*



Description: 2/2 way sanitary manual wheel operated diaphragm valve (for Autoclavable application refer Mascon).

Size / End Conn.: DN 15 to DN 80 / Butt weld end and Triclover end. For above sizes consult us.

MOC: STD - ASTM A 351 Gr. CF3M

Diaphragm: STD - EPDM, EPDM backed by PTFE, **Optional** - Silicon on request will be available.

Temp.: STD - 80°C **Optional** - 140°C

Actuator: STD - **Manual** - ABS, SS 304 wheel.

MODEL - 270M* & 270P*



Description: 2/2 way sanitary Manual and Pneumatic operated Zero Dead Leg casted diaphragm valve. (ZDV)

Size / End Conn.: DN 20 to DN 80 / Butt weld end and Triclover end.

MOC: STD - ASTM A 351 Gr. CF3M

Diaphragm: STD - EPDM, EPDM backed by PTFE **Optional** - Silicon

Temp.: STD - 80°C **Optional** - 140°C

Actuator: STD - **Manual** - ABS, SS 304 wheel, **Pneumatic** - Glass Filled Nylon.

Accessories: Solenoid valve, Micro Switch box

MODEL - 260P* / TL260P* (With travel limiter)



Description: 2/2 way sanitary pneumatically operated diaphragm valve with Travel limiter.

Size / End Conn.: DN 15 to DN 80 / Butt weld end and Triclover end. For other connections & above sizes consult us.

MOC: STD - ASTM A 351 Gr. CF3M

Diaphragm: STD - EPDM, EPDM backed by PTFE **Optional** - Silicon

Temp.: STD - 80°C **Optional** - 140°C

Actuator: STD - **Pneumatic** - Glass Filled Nylon.

Accessories: Solenoid valve, Micro Switch box, travel limiter for flow control

NEW



MODEL - FDV*

Description: 3/2 way pneumatically operated sanitary Flow Diverter Valve.

Size / End Conn.: DN 20 to DN 100 / Butt weld end and Triclover end. For other connections and above sizes consult Mascon.

MOC: STD - ANSI SS 316L

Sealing: STD - EPDM **Optional** - Silicon, Viton on request will be available

Medium: Water, Steam & other Liquids.

Temp.: STD - 80°C **Optional** - 130°C

Actuator: STD - Pneumatic - SS 304. (Single/Double acting)

Accessories: Solenoid valve, Micro Switch box



MODEL - HPOM* & EPO/HPOP* (Electro Pneumatic PID Control Valve)

Description: 2/2 way manual & pneumatically operated High Purity Valve.

Size / End Conn.: DN 20 to DN 80 / Butt weld end and Triclover end. For other connections and above sizes consult Mascon.

MOC: STD - ANSI SS 316L

Sealing: STD - EPDM, PTFE **Optional** - Silicon, Viton on request will be available

Temp.: STD - 80°C **Optional** - 140°C

Actuator: STD - **Manual** - ABS, SS 304 wheel, **Pneumatic** - Glass Filled Nylon.

Accessories: Solenoid valve, Micro Switch box. 4-20mA. Electro Pneumatic positioner.



MODEL - PHV* (For high pressure valve consult us)

Description: PHV- Pilot diaphragm sanitary Back Pressure Regulating Valve

Size / End Conn.: PHV - DN 15 to DN 80 / Butt weld end and Triclover end

MOC: STD - ANSI SS 316L

Diaphragm: STD - EPDM, **Optional** - Silicon, Viton on request will be available.

Pressure: Inlet Press. - 5 - 6 Bar, **Set Pressure Range** - 0.5 Bar to 2.5 Bar

Temp.: STD - 80°C **Optional** - 110°C



MODEL - SB/PHV* & SB/PRV* (High temperature Hygienic Pressure regulators)

Description: SB/PHV - Hygienic Block body high temperature Back Pressure Regulating Valve

SB/PRV - Hygienic Block body high temperature Pressure Reducing Valve

Size / End Conn.: SB/PHV - DN 10 to DN 63 / Butt weld end and Triclover end
SB/PRV - DN 10 to DN 40 / Butt weld end and Triclover end

MOC: STD - ANSI SS 316L(TP 1.4404)

Diaphragm: SS 316

Set Pressure: 0.5 to 5 Bar

Temp.: 180°C (Safe working temperature, please refer to Mascon for temp, above 180°C)



MODEL – SSRV* (Hygienic Safety Relief valve)

Description: SSRV - Hygienic Safety Relief Valve.

Size / End Conn.: DN 10 to DN 40 / Butt weld and Triclover end

Orifice Size: DN 10, DN 20 - Ø15 mm
DN 25, DN 40 - Ø22 mm

MOC: STD - ANSI SS 316L (TP 1.4404)

Spring: SS 304

Set Pressure: 1.0 to 4.5 Bar (Depending on size of valve)

Temp.: 130°C (Safe working temperature, please refer to Mascon for temp. above 130°C)



MODEL - LS/44S

Description: Pneumatically Linear rotary actuated sanitary Butterfly Valve.

Size / End Conn.: DN 25 to DN 100 / Butt weld and Triclover end. For other connections & above sizes consult us.

MOC: STD - ANSI SS 304 & ANSI SS 316L

Seating: STD - virgin Silicon

Temp.: STD - 80°C **Optional** - 150°C

Actuator: STD - Pneumatic - SS304.

Accessories: Think Top Solenoid valve, Micro Switch box, worm gear box for manual override

NEW



MODEL - 44S* & RD/44S*

Description: Manual & Pneumatically rotary actuated sanitary Butterfly Valve.

Size / End Conn.: DN 25 to DN 100 / Butt weld and Triclover end. For other connections & above sizes consult us.

MOC: STD - ANSI SS 304 & ANSI SS 316L

Seating: STD - virgin Silicon

Temp.: STD - 80°C **Optional** - 150°C

Actuator: STD - **Manual** - GFN, **Pneumatic** - Aluminium.

Actuator Type: Single acting and Double acting

Accessories: Solenoid valve, Micro Switch box, worm gear box for manual override

NEW



MODEL - 4320 & RS/4320

Description: Manual & Pneumatically rotary actuated 3 piece design Ball Valve.

Size / End Conn.: DN 25 to DN 80 / Butt weld and Triclover end. For other connections & above sizes consult us.

MOC: STD - ASTM A 351 Gr. CF3M

Seating: STD - PTFE

Temp.: STD - 80°C **Optional** - 150°C

Actuator: STD - **Manual** - SS, **Pneumatic** - Aluminium.

Actuator Type: Rack & Pinion Single acting and Double acting

Accessories: Solenoid valve, Micro Switch box, worm gear box for manual override



MODEL - 211P* / 212P* / 212M*

Description: 2/2 way Spring and Piston Pneumatic and manual operated Globe Valve.

Size / End Conn.: 15 NB to 80 NB / **STD** - Screwed BSP 'F' **Optional** - Flanged, Butt weld and Triclover end. For other connections and above sizes consult us.

MOC: **STD** - ASTM A 351 Gr. CF8M

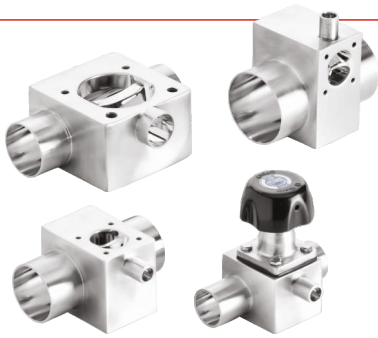
Sealing: **STD** - PTFE

Medium: Water, Steam & other Liquids.

Pressure: **STD** - 0 to 10 Bar

Temp.: **STD** - 150°C **Optional** - 180°C

Actuator: **STD** - **Pneumatic** - Glass Filled Nylon / **Manual** ABS.



MODEL - ZDT0M* & ZDT0P* (for 'L' pattern refer to Mascon)

Description: Manual & Pneumatic operated Zero Dead Leg 'T' pattern BLOCK diaphragm valve.

MOC: **STD** - ANSI SS 316L (TP 1.4404) **Optional** - SS 304

Ra finish: < 0.4 Ra finish inside pipe. (Note – we provide Ra graph as our standard norms.)

Diaphragm: **STD** - EPDM, EPDM backed by PTFE **Optional** - Silicon

Actuator: **STD** - **Manual** - ABS, SS 304 wheel, **Pneumatic** - Glass Filled Nylon. **Optional** - SS 304

Accessories: Solenoid valve, Micro Switch box.



MODEL - B50M*, B50P*

Description: Manual & Pneumatic Multi Port Block valves as per customer's requirement.

MOC: **STD** - ANSI SS 316L (TP 1.4404) **Optional** - SS 304

Ra finish: < 0.4 Ra finish inside pipe. (Note – we provide Ra graph as our standard norms.)

Diaphragm: **STD** - EPDM, EPDM backed by PTFE **Optional** - Silicon

Temp.: **STD** - 80°C **Optional** - 140°C

Actuator: **STD** - **Manual** - ABS, SS 304 wheel, **Pneumatic** - Glass Filled Nylon.

Accessories: Solenoid valve, Micro Switch box.



MODEL - FB0M*, FB0P* & CTB* (Semi Block economy series)

Description: Manual & Pneumatic Tank Bottom Block valve. Semi Block type fabricated Tank Bottom valve (Economy series).

MOC: **STD** - ANSI SS 316L (TP 1.4404) **Optional** - SS 304

Ra finish: < 0.4 Ra finish inside pipe. (Note – we provide Ra graph as our standard norms.)

Diaphragm: **STD** - EPDM, EPDM backed by PTFE **Optional** - Silicon

Actuator: **STD** - **Manual** - ABS, SS 304 wheel, **Pneumatic** - Glass Filled Nylon. **Optional** - SS 304

Accessories: Solenoid valve, Micro Switch box.

MODEL - B5B0M* & B5B0P*



Description: Manual & Pneumatic Branch Block & Casted sanitary diaphragm valve.

MOC: STD - SS 316L

Ra finish - < 0.4 Ra finish inside pipe. (Note – we provide Ra graph as our standard norms.)

Diaphragm: STD - EPDM, EPDM backed by PTFE **Optional** - Silicon

Actuator: STD - **Manual** - ABS, SS 304 wheel, **Pneumatic** - Glass Filled Nylon.
Optional - SS 304

Accessories: Solenoid valve, Micro Switch box.

Type of Diaphragms available –

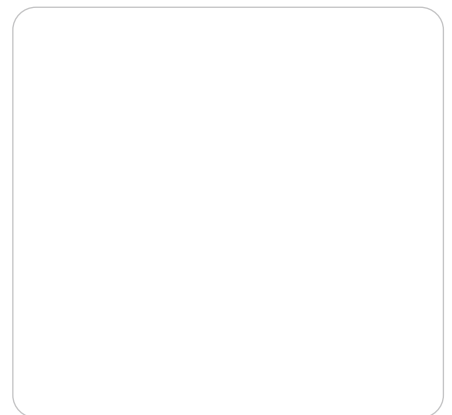


- 1) EPDM Food grade
- 2) EPDM Backed by PTFE (Bonded)
- 3) EPDM Backed by PTFE (Padded)
- 4) Re-enforced SILICON
- 5) VITON (on request will be available)

- As standard procedure we provide lab test certificate for every batch of Diaphragm
- All our diaphragms come with molded calendar indicating batch number of Diaphragms.

* Model number in the brochure is basic series of product same will be added with suffix & prefix while quoting in our offer.
Specifications may subject to change without prior notice.

Dealer / Stockist:



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