

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47

Россия (495)268-04-70

Казахстан (772)734-952-31

<https://mvi.nt-rt.ru/> || mav@nt-rt.ru

Wafer Type PTFE Lined Butterfly Valve

Wafer type PTFE lined butterfly valve designed to fit within the inner bolt circle of connecting bolts between the two mating flanges, the special design of the sealing ensures the reliability and safety in high-risk workplaces.

Wafer Type PTFE lined butterfly valve

Size: 1.5" – 28" (DN40-700)

Pressure: PN10/16, Class 150, JIS10K

Body Material: ASTM A216 WCB, A351 CF8/CF8M

Seat: PTFE or TFM or PFA

Disc Material: Cast Steel Coated PTFE or Stainless Steel Coated PFA

(Above DN300 Coated by PFA, or FEP material also is available)

End Connection Standards: EN, JIS, DIN, API all are available

Available body material: Carbon steel, Duplex Stainless steel, Ductile iron

Available design standard: API609, JIS B2032, DIN EN1092



Molding Process For PTFE Disc

MVI Wafer style butterfly valve has a robust design with many unique features developed from many years of manufacturing experience. Typically supplied with a carbon steel body with PTFE seat liner, with the disc being WCB encapsulated in PTFE or PFA. With all wetted parts PTFE / PFA the valve can be used in highly corrosive applications and is ideally suited to our lined piping systems. The valve can also be supplied with stainless steel body for clean room applications or for use in highly corrosive environments. The disc can be supplied in unlined stainless steel, titanium alloys and with TFM liners.

Technical Specification

- Design: ISO5752/20
- Wafer End Connection: EN1092-1 PN10/16, ASME B16.5 Class 150, JIS B 2220 JIS10K, Raised Face
- Face to face: EN558-1, DIN3202, ASME B16.10
- Top Flange: EN ISO5211
- Inspection and Testing: API 598, GB/T13927

Details Of The Sealing Structure

All wetted parts of MVI lining butterfly valves are PTFE / PFA offering outstanding corrosion resistance. The stem seals are live loaded with triple stem seals, a primary ball and socket seal around the disc hub, secondary the PTFE seat turn-up sealing with shaft coating and finally a o-ring to stop any atmospheric leakage.

Product Description:

1. Design in split Type body, the parts of the valve can be disassembled, material-specific recycling possible
2. Maintenance-free, the valve can be installed in any desired position
3. ISO 5211 mounting pad for easy and quick actuator installation
4. Positioning holes keep valve in the center between pipe flanges and also applied to many international standards.
5. Three different sealings ensure *the lined butterfly valve* in high performance.
6. Three self-lubricating sleeves could keep stem not be deformed under pressing.
7. When the four Belleville Spring under pressing, it will make sealing among the gland, the seat and the disc edge more tightness
8. Epoxy coating with baked finishing before valve assembly, keep inner body can't be rust.

Disc Material Options For Different Media

Media temperature:

-20°C to 200°C (depending on operation the pressure and the fluoroplastic material)

Operating pressure:

max. 10 bar (16 bar or 20bar for spec. version)

Vacuum Application:

up to 1 mbar absolute (with silicon elastomer inserts) from -10°C to +160°C

Operator manner:

Hand lever, Worm gear, pneumatic actuator, electric actuator, hydraulic drive

PFA Fully Lining For High Permeation Application

GENERAL APPLICATIONS

1. Chemically highly corrosive and toxic media
2. Purification plants
3. Pharmaceutical Industry
4. Adhesives, Paper Industry, Fuel Transport
5. Paint manufacture and processing
6. Food Industry
7. Transport of hazardous materials
8. Wet chloric gas
9. Conditioning of materials, e.g. galvanizing and pickling
10. Processing of ore
11. Fuel transport and storage

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47

Россия (495)268-04-70

Казахстан (772)734-952-31

<https://mvi.nt-rt.ru/> || mav@nt-rt.ru