

VERY IMPORTANT VALVES

PORTFOLIO



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BARDIANI
VALVOLE

BARDIANI CARE: TOTAL ASSISTANCE

Flexible made-to-measure services based on client needs

And it is here, in its capacity to build a made-to-measure post-sales service for each customer that **Bardiani Valvole makes the difference.**

Guaranteeing parts availability

- Original spare parts
- Prompt deliveries
- Availability over time

Preventive maintenance

- Customer-specific production schedules
- Life cycle analysis and in-person valve maintenance
- Maintenance costs monitoring



Technical trainings

- Hands-on trainings
- On site or at customer plants
- Video tutorials

Continual technical support

- Dedicated and made by experienced technicians
- Quick claims resolution

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CONTROL UNITS

GIOTTO TOP® | J-GIOTTO TOP®

Giotto Top® 360 control units have been designed to ensure **effective control and monitoring of valve operations**. Installation on the top of the valve actuator is **quick and easy**. Made from **high resistance materials**; the reliability of the electrical components ensure that the operator can safely monitor operations remotely, thanks to the **indicators visible on all sides (360°)**.

The high protection rating (IP67) against dust and liquid penetration ensures perfect operation of the various components even in the most arduous operating conditions.

Giotto Top is designed to manage double seat valves and can work with AS-i technology. **J-Giotto Top** is designed to control single seat, butterfly and ball valves. **ATEX line** for both Giotto Top and J-Giotto Top is available.



GIOTTO TOP®



J-GIOTTO TOP®



ATEX LINE

SIGHT GLASS

BBTRD

Valve body with flat glass enclosure which allows the user to constantly and reliably inspect the product.

STANDARD FEATURES

- Connections from DN25 to DN100
- Seals: EPDM, FKM, HNBR, PTFE
- Maximum pressure: 10 bar



Quality, industrial efficiency, product reliability.

Unique features for quality products

Raw materials high quality

All parts in contact with the product are made from AISI 316L stainless steel.

Excellent hygiene <0.80 µm surface finish on parts in contact with the product.

Greater resistance

Single machined valve body with no welds.

Maximum efficiency

Optimization of flow passages and minimization of friction loss.

Certified safety

ATEX version, available for use in potentially explosive atmospheres.

Easy installation

Designed to facilitate installation and maintenance operations without the use of any special tools.

Efficient monitoring

Giotto Top® and J-Giotto Top® allow for constant monitoring of valve status.

Fully tested

All valves are supplied pre-assembled and tested.

Customized products

As well as standard models, Bardiani Valvole offers the possibility to design special valves.

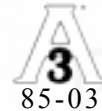
DOUBLE SEAT VALVES

B925-B935

They direct and control the flow of two different liquids simultaneously, guaranteeing **total separation** and **hygienic** operation without any risk of cross contamination. Extremely **versatile** and cost effective in production plants, these valves allow reduction of single seat valves required and optimization of installation space. **Easy and fast maintenance** without use of special tools. Options: steam barrier (aseptic version) and auxiliary external cleaning circuit.

STANDARD FEATURES

- B925: From DN15 to DN150 (from 3/4" to 6")
- B935: From DN40 to DN150
- EPDM, FKM and HNBR gaskets
- Maximum pressure 10 bar



B935

B925



B915PMO

The B915PMO is a double seat valve with an extremely modern and compact design, engineered and developed in accordance with the standards required by 3A **PMO** (Pasteurized Milk Ordinance) certification.

The valve directs and controls the flow of two different liquids simultaneously, guaranteeing **complete separation**. To ensure **maximum safety**, lower and upper seats indicators are managed by an external sensor and by Giotto Top control unit.

STANDARD FEATURES

- Connections from DN38.1 to DN101.6
- EPDM, FKM gaskets
- Maximum pressure 10 bar

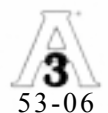


BZAW3

The BZAW3 is a double seal valve designed to **guarantee separation between two fluids with a simple operating mode**. The special design of the shutter provides a separation chamber between the two seals. This ensures that any product leaks flow out through the two auxiliary valves located on the separation chamber, avoiding any contact between the two fluids. **Easy and fast maintenance** without use of special tools.

STANDARD FEATURES

- Connections from DN25 to DN150 (from 1" to 6")
- EPDM, FKM, HNBR gaskets
- Maximum pressure 10 bar



HIGH PRESSURE VALVES

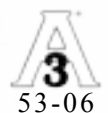
BBZQ

BBZQ is the **only valve** currently available on the market which guarantees **3A certified hygiene with pressure up to 150bar**. Made from top quality raw materials, it is characterized by an extremely modern design and sturdiness and can be installed in all those applications where maximum reliability is required for cutting off and directing a fluid or product.

Extremely versatile and flexible, with no increases in dimensions, it can be **easily converted** to an aseptic valve by inserting a **steam barrier** (model BBYQ). The connection fittings are totally interchangeable with the previous version (ZQ series).

STANDARD FEATURES

- Connections from DN25 to DN100 (from 1" to 4")
- EPDM, FKM seals; PTFE or metal seal for the shaft
- Maximum pressure 150 bar from DN 25 to DN 80 and 55 bar for DN 100



SINGLE SEAT VALVES

BBZP

The BBZP, is a single seat valve made with top quality raw materials. Thanks to its **versatility, sturdiness** and reduced number of seals in contact with the product, it can be installed in all applications requiring **maximum reliability** in cutting off and directing a fluid. **Different solutions** and options are available on request.

BBZM: Manual single seat

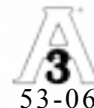
BBZT: Single seat valve with Twin-Stop

BBZR: Long stroke single seat

BBYP: Aseptic single seat valve

STANDARD FEATURES

- Connections from DN10 to DN150 (from 1/2" to 6")
- Seals: EPDM*, FKM*, HNBR and PTFE
- Maximum pressure 10 bar



*EHEDG homologation for EPDM and FKM



BBWP1

The BBWP1 valve has been designed for **sterile applications** which require safety in cutting off and/or directing of product. BBWP1 features a **new membrane** in Gylon® which ensures maximum operating performance and improved valve efficiency.

STANDARD FEATURES

- Connections from DN25* to DN100 (from 1" to 4")
- EPDM, FKM, HNBR and PTFE gaskets
- Maximum pressure 10 bar



ASEPTIC



*on request

BBZS1-BBZS5

These by-pass valves have been designed to be **highly versatile**. They are suitable for different types of applications and for diverse industrial sectors. Regulation of the retained pressure depends on the loading of the spring in the heart of the valve. This load can be regulated by adjusting ring nut located inside the protective casing on **BBZS1**. Or by using the adjustment pin on the top back of the actuator on **BBZS5** with the possibility to facilitate valve washing by opening the actuator with air injection. For aseptic applications they are both available with steam barrier (BBYS1 and BBYS5).

STANDARD FEATURES

- Connections from DN10 to DN100 (from 1/2" to 4")
- EPDM, FKM, HNBR and PTFE gaskets
- Maximum pressure 10 bar



BBZS5*

BBZS1

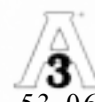


BBZO-BBZOG

These tank-bottom single seat valves are made with top quality raw materials. The flexible design makes it easy to adapt the valve to complex installations and provides a safe and reliable installation in various applications. Different solutions and options are available on request.

STANDARD FEATURES

- From DN40 to DN150
- EPDM*, FKM*, HNBR and PTFE gaskets
- Maximum pressure 10 bar



*EHEDG homologation for EPDM and FKM (BBZOG only)



BBZO



BBZOG*

BUTTERFLY VALVES

ZVF-VVF

Characterized by a simple and elegant design and engineered to be extremely reliable, ZVF and VVF are commonly used in many different applications requiring ample product passage. ZVF is a butterfly valve with **pneumatic actuator** while VVF is **manual**.

VVF can be equipped with a plastic 5-position handle, a stainless steel 4-position handle or with a millimetric regulation handle for precision measuring of fluid passage.

Wafer 4 fittings, available for both ZVF and VVF, allow fast and simplified maintenance.



VVF



ZVF



STANDARD FEATURES

- Connections from DN10 to DN150 (from 1/2" to 6")
- EPDM*, FKM*, MVQ and HNBR gaskets
- Maximum pressure 10 bar

*EHEDG homologation for EPDM and FKM

MODULATING VALVES

BBZK-BBZPM

BBZK is a modulating valve with membrane actuator designed to regulate the flow rate and maintain a constant level, pressure or temperature value. The **membrane actuator** connected to the positioner allows partial opening and closing of the shutter, allowing for intermediate flow rates and pressure drop in the valve. The **BBZPM** is a modulating valve with **electropneumatic positioner** characterized by a compact design. BBZPM is also available with steam barrier for sterile applications (BBYPM).



BBZK*



BBZPM

STANDARD FEATURES

- Connections from DN25 to DN100 (from 1" to 4")
- EPDM, FKM, HNBR and PTFE gaskets
- Maximum pressure 10 bar



BALL VALVES

ZVS-VVS

ZVS is a **pneumatic** sanitary ball valve which allow **product passage without restrictions**, reducing friction loss to a minimum.

It is ideal for viscous liquids or liquids with suspended particles in food, beverage and pharmaceutical industries and in applications with high operating pressures. On request the integral seal version is available, reducing product stagnation inside the valve body to a minimum. The **manual version VVS** is fitted with a stainless steel 2-position handle. Handle with multiple positions is available on request.



VVS



ZVS

STANDARD FEATURES

- Connections from DN10 to DN100 (from 1/2" to 4")
- FKM and PTFE gaskets
- Maximum pressure for two-way valves: 25 – 64 bar (depending on diameters); for three-way valves: 16-40 bar (depending on diameters)



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