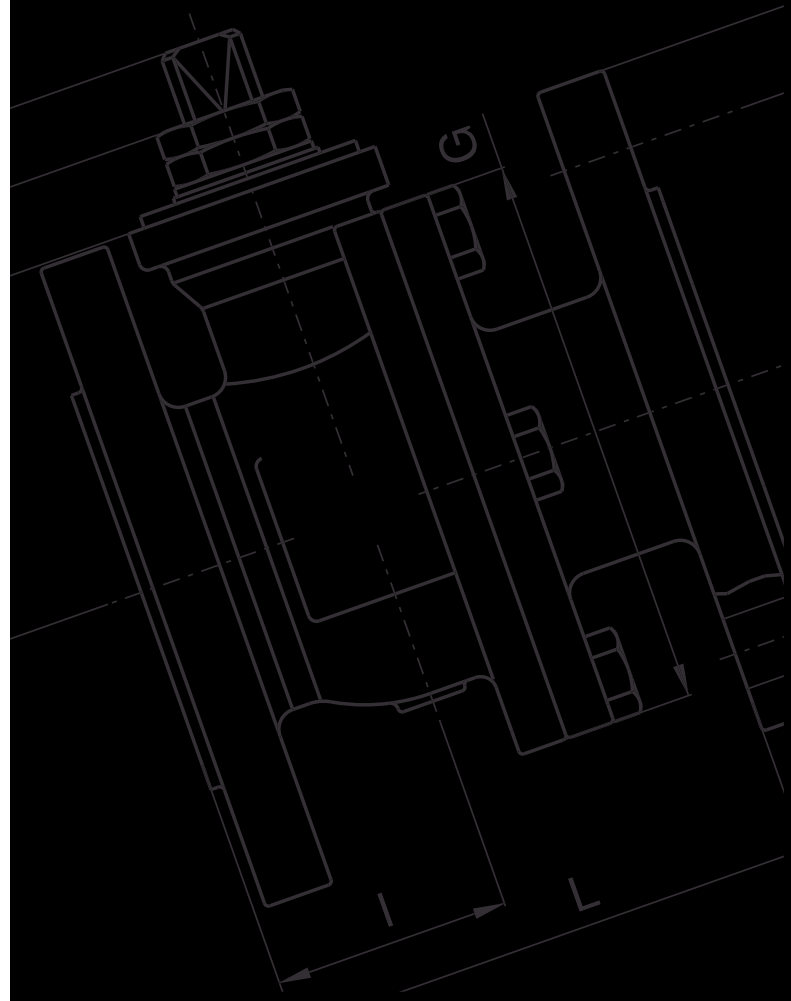


VALPRES

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*API 608 floating
ball valves*

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N.171/D

VALPRES



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To ensure the quality and technical standards at the highest level, the manufacturer reserves the right to alter the specifications without notice.
This documentation supersedes and replaces all previous editions.



General information

Valpres is part of the Bonomi Group that for more than 100 years has supplied valves worldwide.

Since 1978, Valpres manufactures ball valves and has been one of the first to introduce the split body concept in the industry. Today Valpres designs and manufactures a wide range of high quality, manually operated or automated, on-off and control ball valves for any kind of service in the Oil&Gas, water, steam and power generating industry, as well as general industry.

The basic valve design is side-entry construction (bolted or welded). The product line is completed with a top entry design that has the advantage to be field serviceable without removing the valve from the line.

Side entry-bolted body and top entry valves are available with metal or soft seats. They are also available in customized designs suitable for non-standard services such as: highly corrosive, lethal, SIL, cryogenic, high temperature, erosive. Furthermore, Valpres has created and patented the VP-1 control ball valve, that handles incompressible and compressible fluids. It is designed to handle very high flow rates or very high differential pressure, always keeping under control either cavitation or noise.

VP-1 valves have been integrated with the basic features of our floating and trunnion mounted on-off ball valves.

Quality and certifications

Valpres is certified:

- ISO 9001, PED 2014/68/UE, ATEX 2014/34/UE: management system, operations from the sales process to the after market.
- ISO 14001: environmental management system.
- OHSAS 18001: occupational health and safety management system.
- ISO 50001: energy management system.
- API 6D certificate #6D-1428.
- API 6A certificate #6A-1741.

Valpres ball valves are firesafe designed and certified to ISO 10497/API 607/API 6FA.

Product line API 608

One of Valpres most recent products are the API 608 floating ball valves.

This line have been designed and developed respecting the requirements of the petrochemical market.

This product range implements a number of features, among others the increased thickness and oversized driving train. These characteristics, together with a careful choice of materials, make these valves ideal for standard and severe service and particularly reliable in case of actuation.

Available sizes and ratings for API 608

Size/ Rating	150			300			600		
	STD	HT	CRYO	STD	HT	CRYO	STD	HT	CRYO
1/2"	•	•	•	•	•	•	•	•	•
3/4"	•	•	•	•	•	•	•	•	•
1"	•	•	•	•	•	•	•	•	•
1 1/2"	•	•	•	•	•	•	•	•	•
2"	•	•	•	•	•	•	•	•	•
3"	•	•	•	•	•	•	•	•	•
4"	•	•	•	•	•	•	•	•	•
6"	•		•	•		•			

Reduced bore available above 2"

Function

On-off/modulating (as option only)

Design

Side entry, 2 piece, bolted body.

Applications

- Oil & natural gas markets
- Petrochemical
- Power
- Water treatment

Temperature range

-196°C to 420°C

Main technical features

- Design of construction: API 608.
- Pressure and temperature range: ASME B16.34.
- Face to face dimension: ASME B16.10.
- Connections to ASME B16.5 (other ends in option).
- Tested to API 598 (other standards available in option).
- Firesafe design to API 607/ISO 10497/API 6FA.
- Anti blowout stem.
- Antistatic device.
- Soft and metal seats.
- Various extensions available (extended stem for insulation, extended bonnet for HT, extended bonnet for LT).
- Manual and automatic operators available.
- Fugitive emission compliant (ISO 15848-1).
- Type approved: DNV GL Class Program CP 0186 – Valves.

Materials

In stock: A352 LCC/A351 CF8M (w/SS316 trim and 17 4 PH stem).

Made to order (cast or forged/forged bar):

- Low alloy CS for high temperature.
- Other carbon steels.
- Martensitic, austenitic, superaustenitic, duplex, superduplex stainless steels.
- Nickel Alloys (Inconel 625, Incoloy 825, Hastelloy, Monel, etc).
- Titanium.
- Al Ni Bz.

Seats materials

- RPTFE (standard).
- Optional materials: PEEK, PCTFE, VESPEL®, metal to metal (TCC or CCC).

Seals materials

- FKM (standard).
- Optional materials: HNBR, EPDM, FFKM, (P)VMQ, graphite.