

High nickel alloy

Gate, globe, check, and ball valves



New standard stocking program

**Velan's distribution now stocks
a variety of high nickel alloy
valves including:**

- Alloy 20
- Hastelloy
- Inconel
- Monel



Velan. Quality that lasts.

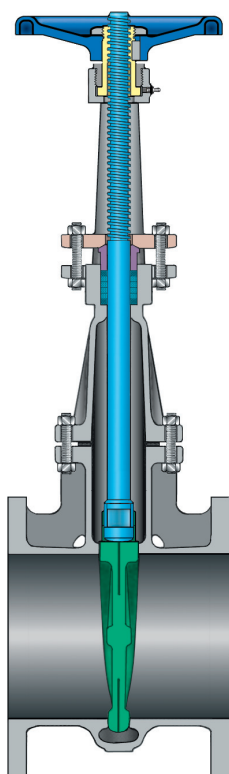
VELAN

Velan's corrosion resistant gate, globe, and check valves are available in high nickel alloys

All Velan valves are designed to comply with the requirements of ASME B16.34, the ASME code, and special customer requirements, as applicable. Every step from procurement through production, assembly, testing, and packaging is in accordance with written quality programs and procedures.

Velan stainless steel valves manufactured with nickel alloys offer important environmental benefits to the oil and gas as well as the chemical and petrochemical industries.

Our valves meet the most stringent national and international standards for fugitive emissions. Velan offers cast steel bolted bonnet gate and globe valves that are qualification tested for compliance with EPA fugitive emissions regulations as well as ISO 15848 and API 622 standards.



Reliability through testing

All valves are tested during production for reliability with pressurized air and hydrotested for bubble-free tightness in accordance with API 598 specifications.

Gate valves

ASME Classes 150, 300
NPS ½–24 (DN 15–600)
Integral seat,
API 603, flanged
Wall thickness to
ASME B16.34

ASME 600
NPS ½–1½ (DN 15–40)
Full port, threaded, socket
weld or combination ends
Wall thickness to
ASME B16.34

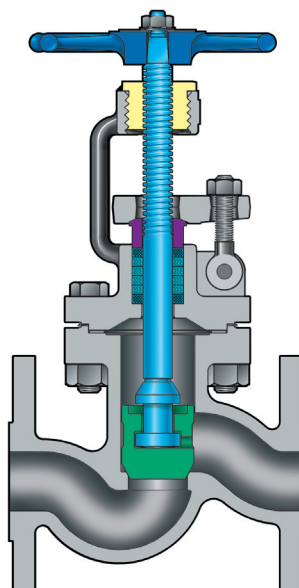
STANDARD MATERIALS

PART	MONEL	ALLOY 20	HASTELLOY C	INCONEL
Body and bonnet	M35-1	CN7M	CW12-MW	CY-40 Class 1
Seat	MPTFE/metal			
Ball / wedge / disc	Monel	Alloy 20	Hastelloy C	Inconel
Stem	Monel	Alloy 20	Hastelloy C	Inconel
Packing	Graphite			

Live-loading packing options are available upon request.

PTFE packing and gaskets are available upon request.

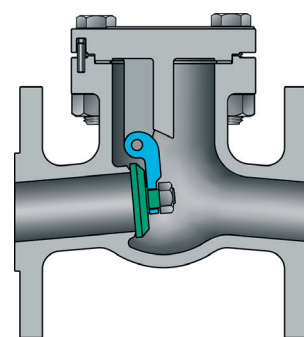
Note: Other materials such as duplex, super duplex, nickel 200, and titanium are available upon request.



Globe valves

ASME Classes 150, 300
NPS ½–6 (DN 15–150)
Integral seat, flanged
Wall thickness to
ASME B16.34

ASME 600
NPS ½–1½ (DN 15–40)
Full port, threaded, socket
weld or combination ends
Wall thickness to
ASME B16.34



Swing check valves

ASME Classes 150, 300
NPS ½–12 (DN 15–300)
Integral seat, flanged
Wall thickness to
ASME B16.34

ASME 600
NPS ½–1½ (DN 15–40)
Full port, threaded, socket
weld or combination ends
Wall thickness to
ASME B16.34

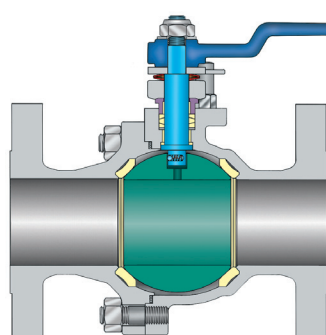
Velan Memoryseal® and resilient seated ball valves are available in high nickel alloys

Velan offers one of the most comprehensive lines of industrial valves available from any manufacturer.

A commitment to ongoing design innovations and the

latest in manufacturing technology allows Velan to offer a wide range of engineered solutions at an exceptional value. There simply is no substitute for experience and proven performance.

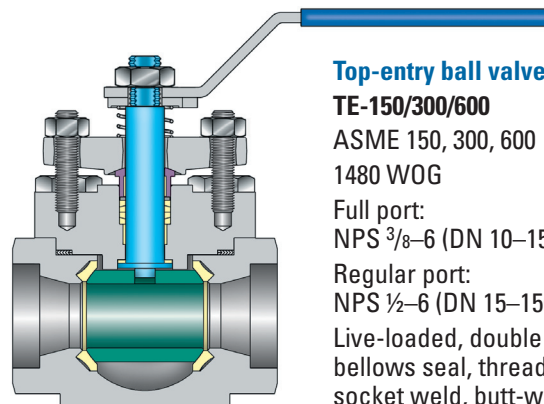
Based on extensive laboratory tests and field experience, we guarantee that Velan ball valves will provide low emission service on gaskets and stem seals under normal operating conditions.



Split-body ball valves

SB-150/300/600

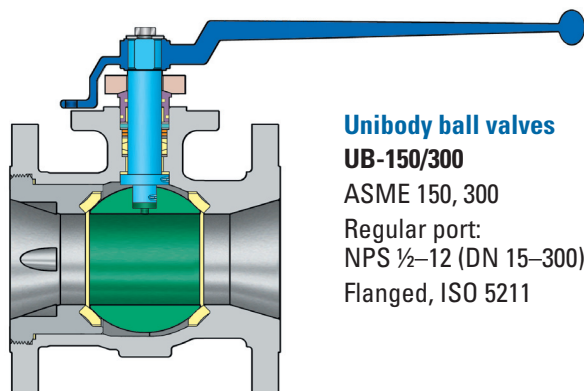
ASME 150, 300, 600
Full port:
NPS ½–24 (DN 15–600)
Regular port:
NPS 2–24 (DN 50–600)
Live-loaded, flanged



Top-entry ball valves

TE-150/300/600

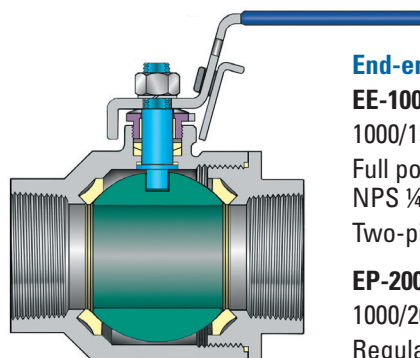
ASME 150, 300, 600
1480 WOG
Full port:
NPS ¾–6 (DN 10–150)
Regular port:
NPS ½–6 (DN 15–150)
Live-loaded, double packed,
bellows seal, threaded,
socket weld, butt-weld or
flanged



Unibody ball valves

UB-150/300

ASME 150, 300
Regular port:
NPS ½–12 (DN 15–300)
Flanged, ISO 5211



End-entry ball valves

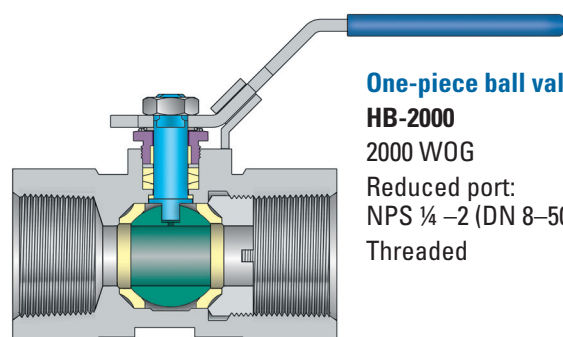
EE-1000

1000/1500 WOG
Full port:
NPS ¼–2 (DN 8–50)
Two-piece, threaded

EP-2000

1000/2000 WOG
Regular port:
NPS ½–2 (DN 15–50)
Two-piece, threaded

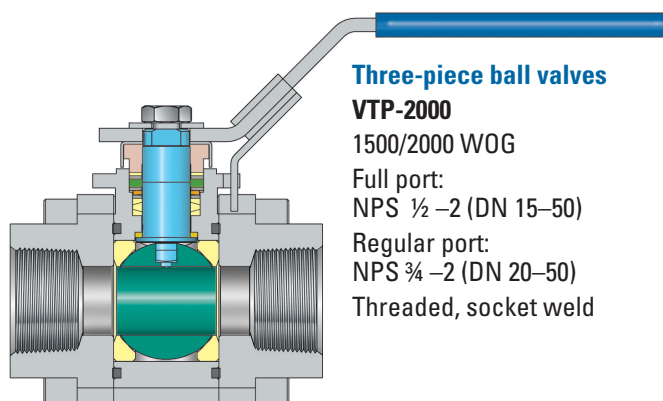
(EP-1000 shown above)



One-piece ball valves

HB-2000

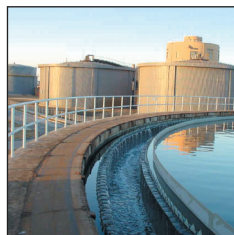
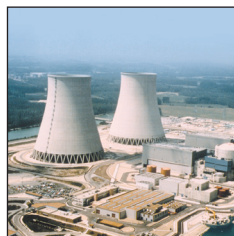
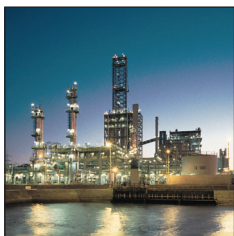
2000 WOG
Reduced port:
NPS ¼–2 (DN 8–50)
Threaded



Three-piece ball valves

VTP-2000

1500/2000 WOG
Full port:
NPS ½–2 (DN 15–50)
Regular port:
NPS ¾–2 (DN 20–50)
Threaded, socket weld



Velan's extensive product range includes gate, globe, check, ball, triple-offset, and engineered severe service valves as well as steam traps — all of which are installed world-wide to handle diverse applications in the following industries:

- Fossil, nuclear, and cogeneration power
- Oil and gas
- Refining and petrochemicals
- Chemicals and pharmaceutical
- LNG and cryogenics
- Marine
- HVAC
- Mining
- Water and wastewater
- Pulp and paper
- Subsea

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www.velan.com

To find your local Velan representative:

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