

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.

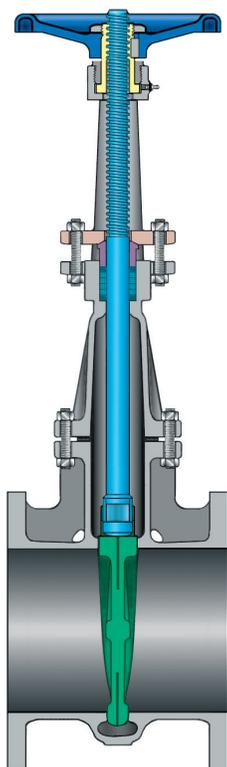
VELAN

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.



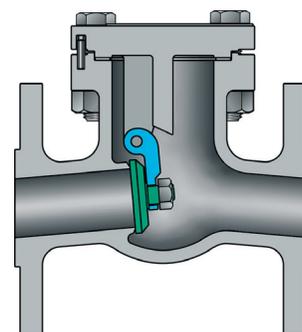
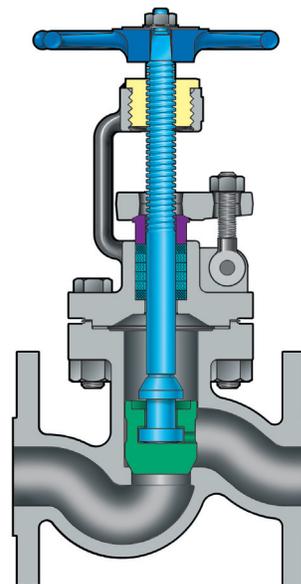
STANDARD MATERIALS

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.



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

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

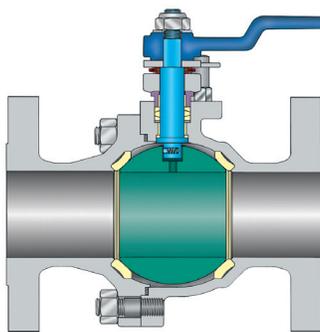
Velan Memoryseal® and resilient seated ball valves are available in high nickel alloys

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

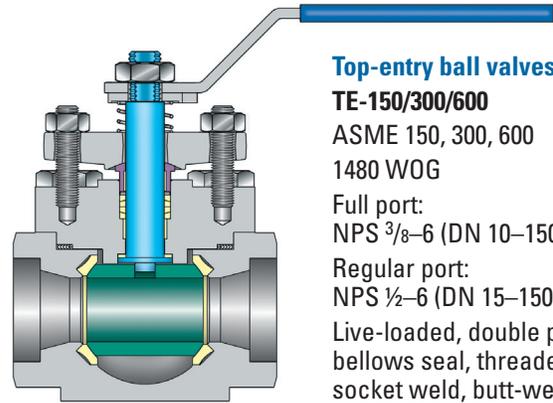
A commitment to ongoing design innovations and the

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.

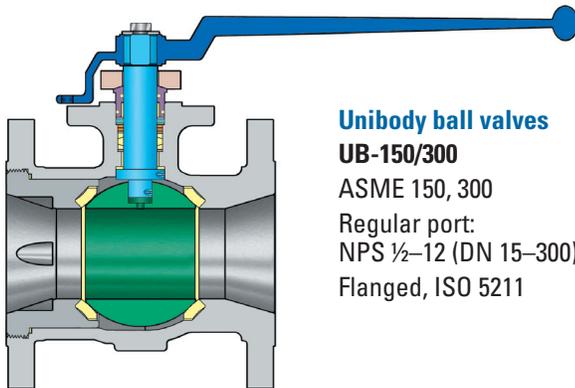
Based on extensive laboratory tests and field experience, we guarantee that Velan ball valves will provide low emission service on gaskets and stem seals under normal operating conditions.



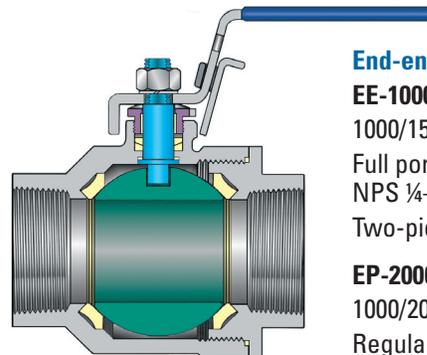
Split-body ball valves
SB-150/300/600
 ASME 150, 300, 600
 Full port:
 NPS ½–24 (DN 15–600)
 Regular port:
 NPS 2–24 (DN 50–600)
 Live-loaded, flanged



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

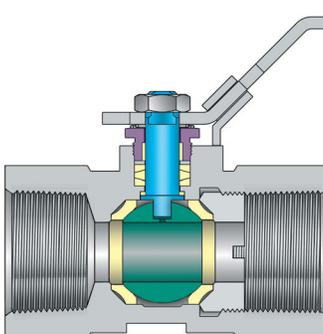


Unibody ball valves
UB-150/300
 ASME 150, 300
 Regular port:
 NPS ½–12 (DN 15–300)
 Flanged, ISO 5211

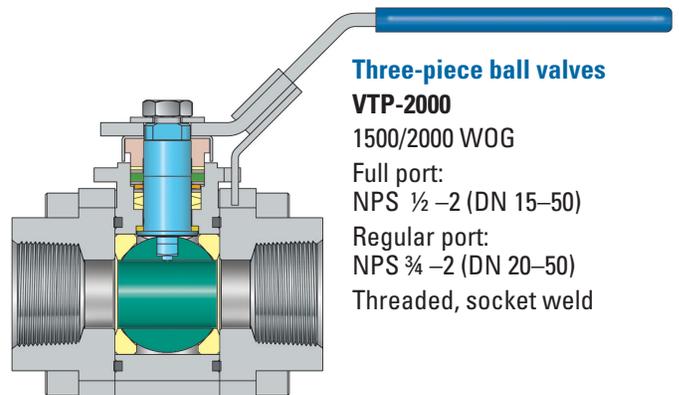


End-entry ball valves
EE-1000
 1000/1500 WOG
 Full port:
 NPS ¼–2 (DN 8–50)
 Two-piece, threaded
EP-2000
 1000/2000 WOG
 Regular port:
 NPS ½–2 (DN 15–50)
 Two-piece, threaded

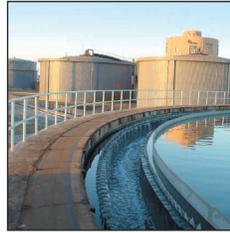
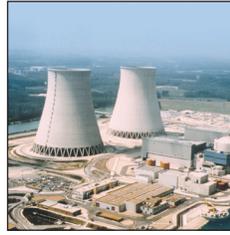
(EP-1000 shown above)



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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