

SAFETY VALVE to API 526

Avarus Valves can offer safety valves that provide over-pressure protection to a system. A robust valve designed to meet the requirements of API 526 standard, such as standard capacity, nominal diameter, and centre to face dimensions. Available in various highly corrosion resistant materials their design is ideally suited for the petrochemical / offshore industries. Material testing and certification can also be supplied to individual project or client requirements.

Worldwide approvals including EU ISO4126-1/-4, US ASME sec.VIII div.1, Canada CRN, China AQSIQ, Russia GOST-R



Features

- Sizes 25 to 200mm (larger size options on request)
- Orifice diameter 14 to 161.5mm
- Orifice area 154 to 20485mm²
- Pressure range 0.12 to 413.8 bar
- Inlet flange rating ANSI 150 to 2500# / metric EN1092-2 / JIS2220
- Temperature range -268 to +538°C (-270 to +550°C for EN1092-2)
- Spring loaded design
- Heat resistant spring as standard (other materials available)
- Metal seating as standard with optional stellite or O-ring type
- Balanced bellows design optional
- Various options / specifications available

Materials of construction available

Super Duplex, Duplex, Inconel, Monel, Hastelloy, Stainless steel,
Carbon steel, High temperature alloy carbon steel.

Material testing is also available. Individual tests such as PMI, DPI, MPI,
ultrasonic or to a complete MDS material specification.

In order to keep cost and lead time to a minimum, if preferred we can
offer the valve with the wetted parts only in special material.

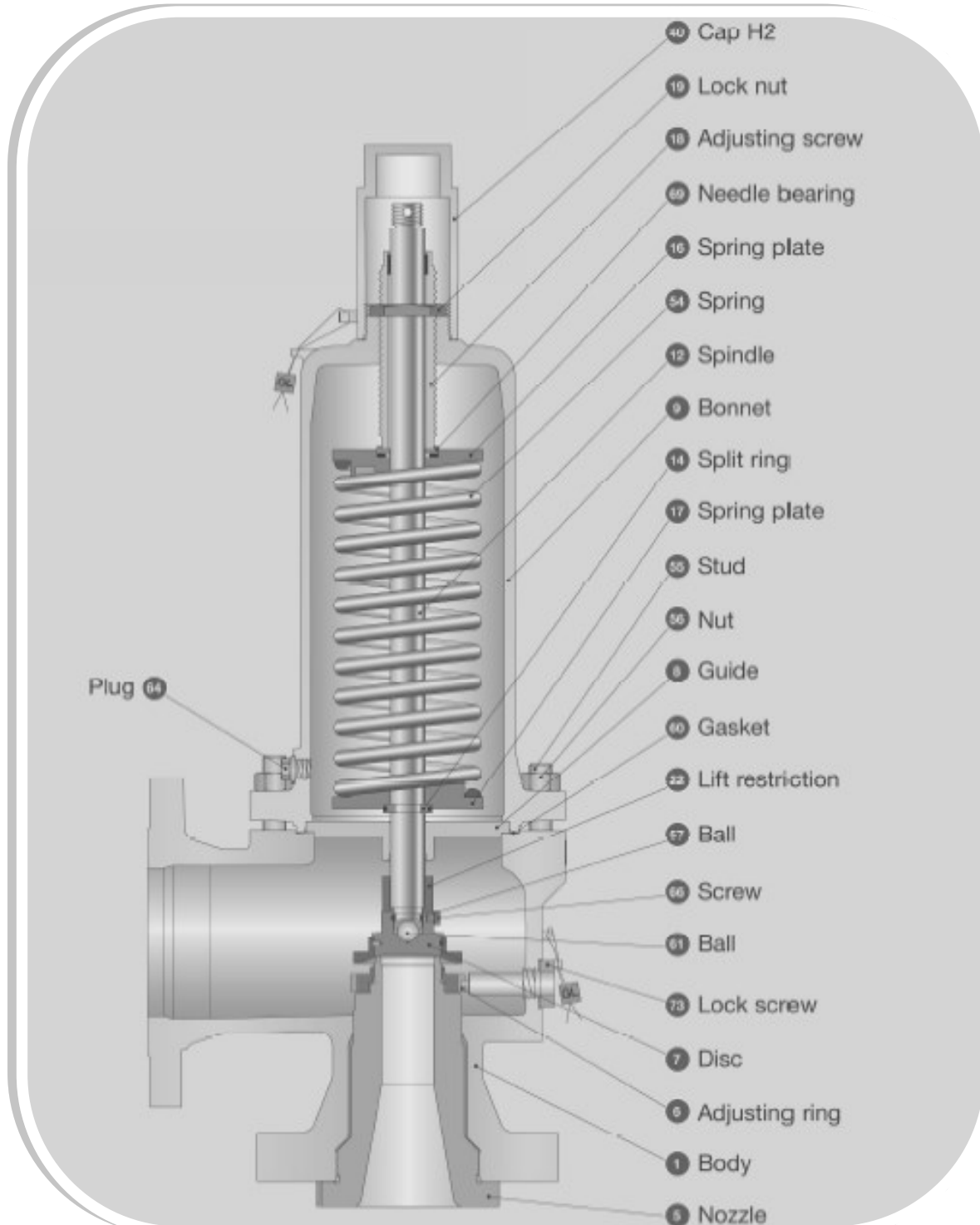
Level 1 — nozzle & disc

Level II — nozzle, disc, guide & spindle

We can also offer safety valve sizing and material recommendation - for assistance please contact us.

Safety valve overhaul and re-calibration available.

Sectional diagram of a standard valve.



For assistance with sizing or if you have any questions please feel free to ask us!