Reduce Cost – Upgrade Your Steam Safety Valve

CROSBY™

The HSL is a high-capacity, full nozzle, Steam Safety Valve designed for saturated and superheated steam service up to 725 psig / 50 barg and 1000°F / 538°C

Lower Maintenance Costs

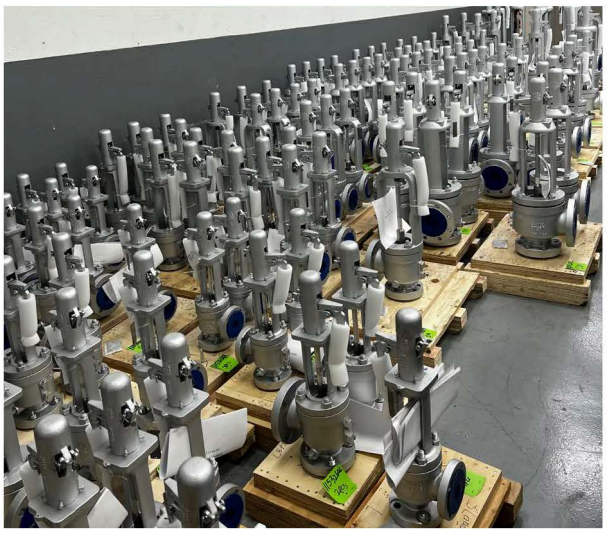
- **Full nozzle:** longer service life with easy machining, lapping, and replacement
- **Drop-in guide**: eliminates any cutting, welding, or machining, simplifying service and reducing costs

Reduced Downtime

- Standard face to face dimensions meeting most application needs
- Easy valve sizing and selection with PRV2SIZE configuration platform
- Local inventory available at assembler locations across North America

Same Week Shipment!

Large inventory to support quick deliveries



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Crosby™ HSL: Best-in-class Steam Safety Valve

Features & Benefits

Increases Operating Efficiency

- FLEXI-DISC seat design is recessed for pressure and temperature equalization, ensuring a flat and tight seal.
- FLEXI-DISC standard seat tightness of 93%.
- Meets the requirements of ASME Boiler and Pressure Vessel Code Section VIII, Section XIII (UV Designator), Section I (V Designator) for steam service.
- May also be used for ASME VIII and XIII steam applications for higher operating pressures.

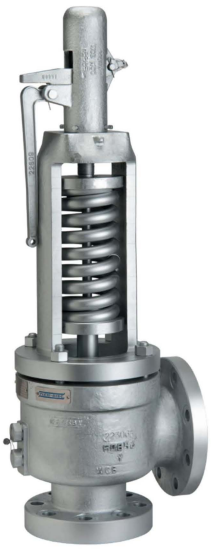
Reduces Maintenance Costs

- Replaceable full nozzle design requires no special tools and faciliates ease of maintenance and longer service life.
- Drop-in guide replaces typical threaded-in guide, which removes the chance for corroded threads and elimimates significant valve cutting and welding to access internals.

Minimizes Installation Costs

- High discharge coefficient can result in smaller valve size required.
- Designed to handle built-up backpressures up to 27.5% of set pressure providing more flexibility in outlet piping designs.

Technical Data



Sizes:
- 1.25 in. x 1.5 in. to 6 in. x 8 in. / DN 32 x DN 40 to DN 150 x DN 200

Connections:
- Flanged inlet to ASME Classes 300 and 600

Temperature Range:
- To 1000°F / 538°C

Max set pressure:
- 725 psig / 50 barg

Application Industries

Power, Pulp & Paper and Process Utilities

- Conventional Boilers, Co-Generation, Biomass, Steam Turbine, Reactor Building, Steam Distribution, HRSGs.

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