

Consolidated* Type 2478 Pressure Relief Valve

Overview

BHGE Consolidated Type 2478 pressure relief valve is a totally enclosed design for non-corrosive, thermal-relief, liquid service.

Features and Benefits

- Low spindle bearing point between the spindle and disc for improved tightness
- Self-aligning spring washers for repeatability and long life
- Totally enclosed bonnet to ensure that escaping fluid is properly discharged
- Precision-wound spring plus 5 percent tolerance on rate to ensure repeatability and maximum tightness
- Manufactured to ASME Code standards
- Tested for set pressure on water.

Applications

Design limits of 300 psig (20.68 barg) and -325°F (-198°C) to +406°F (+207°C). This product should only be used for non-corrosive liquids. The 2478 is not ASME Code capacity-certified. Cryogenic service applications can be satisfied by consulting the factory.

Connections

BHGE's Consolidated Type 2478 pressure relief valve is supplied with .500 in. (12.70 mm) through 2.500 in. (63.50 mm) male NPT inlet sizes. The inlet is equipped with a standard hexagon surface for easy wrenching.

Options

- Sealed Lifting Lever Assembly
- Spring 17-7 PH SS is available



Specifications

INLET SIZES	.500 in. (12.70 mm) through 2.500 in. (63.50 mm) threaded.
OUTLET SIZES	.750 in. (19.05 mm) through 2.500 in. (63.50 mm) threaded
ORIFICE SIZES	Six sizes: D through J
PRESSURE RANGE	5 psig (0.34 barg) to 300 psig (20.68 barg)
TEMPERATURE RANGE	-325°F (-198.3°C) to 406°F (207.8°C)
MATERIALS	Cast bronze bonnet, brass base and trim and PTFE soft seats are standard.
CERTIFICATION	Non-Coded
BLOWDOWN	7 - 15 percent
BACK PRESSURE LIMIT	10 percent of set pressure

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