

ASME Safety Relief Valves

How to Order: D500 Series ASME Relief Valves (15 to 150 psig)

M D5 32 T1 - 2 M - 20

MANUAL OVERRIDE OPTION

O-RING MATERIAL & TEMPERATURE

- 20** PTFE, -100° F to +400° F (-73°C to +204°C)
- 24** Silicone, -65° F to +150° F (-54°C to +66°C)
- 32** Viton®, -20° F to +350° F (-29°C to +177°C)
- 33** Neoprene, -20° F to +240° F (-29°C to +116°C)
- 59** Buna N, -20° F to +250° F (-29°C to +121°C)
- 62** Ethylene propylene, -20° F to +250° F (-29°C to +121°C)

MATERIAL & OTHER PRESSURE BOUNDARY COMPONENTS

- N** Naval brass
- T1** 316 stainless steel

SET PRESSURE
Specify set pressure in psig
(15 – 150 psig)

CONNECTIONS—INLET
M Male pipe

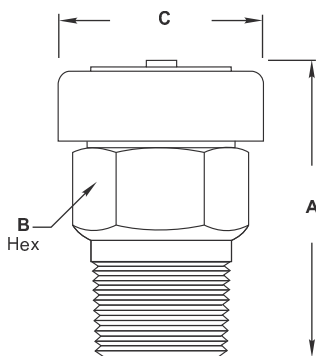
VALVE SIZE
2 ¼"

Please specify 'ASME' when placing your order.

Please consult your Circle Seal Controls distributor or our factory for information on special connections, lubricants, operating pressures and temperature ranges.

Dimensions (inches)

Dash No.	Size	A	B Hex	C Dia.
-2M	¼"	1.1875	0.625	0.90



Recommended Installation

1. Before installing a new safety relief valve, we recommend that a pipe tap be used to assure clean-cut and uniform threads in the vessel opening and to allow for normal hand engagement followed by a half to one turn by wrench.
2. Avoid over-tightening as this can distort the valve seat.
3. Avoid excess "popping" of the valve. Safety relief valves should only be operated often enough to assure they are in good working order.
4. Apply only a moderate amount of pipe compound or tape to the threads, leaving the first thread clean parts.
5. Don't oversize the valve, as this may cause chatter resulting in rapid wear of the moving parts.
6. Avoid wire, cable, or chain pulls for attachments to levers that do not allow a vertical pull. The weight of these devices should not be applied to the safety relief valve.
7. Avoid having the operation pressure too near the valve set pressure. A minimum differential of 10% is recommended.

For Your Safety

It is solely the responsibility of the system designer and user to select products suitable for their specific application requirements and to ensure proper installation, operation, and maintenance of these products. Material compatibility, product ratings and application details should be considered in the selection. Improper selection or use of products described herein can cause personal injury or property damage.

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