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|------------------|--|
| Job Name: | |
| Job Location: | |
| Engineer: | |
| Contractor: | |
| Tag: | |
| PO#: | |
| Rep: | |
| Wholesale Dist.: | |

DESCRIPTION

ASME Section IV capacity certified bronze safety relief valve for protection of hot water heating boilers, systems and similar equipment. It can be pre-set to any pressure ranging from 15 to 160 psig (1 to 11 bar) at 250°F (121°C) max.

FEATURES

- Sizes: 3/4" - 2" (20 - 50mm)
- ASME Section IV Certified Capacity
- Corrosion Resistant Construction
- Diaphragm Isolated Spring Chamber
- Extremely High Capacity
- **Made in the USA**

APPROVALS

- ASME Section IV Heating Boilers
- Canadian Registration Number 0G8547.5C
- Pressure Equipment Directive 2014/68/EU (PED)

STANDARD MATERIALS LIST

| | |
|-----------------|---------------------|
| BODY/CAP | ASTM B584 Bronze |
| SPRING | Alloy Steel, Plated |
| SEAT | Silicone |

PART NUMBER MATRIX

| 10 | XX | X | X | X |
|------------|----------------------|------------|---------------|---------|
| SERIES NO. | MODEL | INLET SIZE | SET PRESSURE | OPTION |
| 10 | 60 - STANDARD OUTLET | 4 - 3/4" | PSIG (15-160) | CE - CE |
| | 61 - OVERSIZE OUTLET | 5 - 1" | SEE TABLE | |
| | | 6 - 1-1/4" | | |
| | | 7 - 1-1/2" | | |
| | | 8 - 2" | | |

CAPACITY, BTU/HR

ASME HV Rating - 90% of Actual Capacity at 10% Overpressure

| 10-600 STANDARD DISCHARGE PORT | | | | | |
|--------------------------------|---------------|-------------|-----------------|-----------------|-------------|
| PSIG | 3/4" 10604 | 1" 10605 | 1-1/4" 10606 | 1-1/2" 10607 | 2" 10608 |
| 15 | 541,000 | 876,000 | 1,515,000 | 2,061,000 | 3,397,000 |
| 30 | 827,000 | 1,339,000 | 2,316,000 | 3,151,000 | 5,193,000 |
| 50 | 1,209,000 | 1,956,000 | 3,384,000 | 4,604,000 | 7,589,000 |
| 100 | 2,162,000 | 3,500,000 | 6,055,000 | 8,238,000 | 13,577,000 |
| 125 | 2,639,000 | 4,272,000 | 7,390,000 | 10,054,000 | 16,571,000 |
| 150 | 3,116,000 | 5,044,000 | 8,725,000 | 11,871,000 | 19,565,000 |

| 10-610 HIGH CAPACITY DISCHARGE PORT | | | | | |
|-------------------------------------|---------------|-------------|-----------------|-----------------|-------------|
| PSIG | 3/4" 10614 | 1" 10615 | 1-1/4" 10616 | 1-1/2" 10617 | 2" 10618 |
| 15 | 635,000 | 1,027,000 | 1,777,000 | 2,417,000 | 3,984,000 |
| 30 | 970,000 | 1,570,000 | 2,716,000 | 3,696,000 | 6,091,000 |
| 50 | 1,418,000 | 2,295,000 | 3,969,000 | 5,400,000 | 8,900,000 |
| 100 | 2,536,000 | 4,105,000 | 7,101,000 | 9,661,000 | 15,924,000 |
| 125 | 3,096,000 | 5,011,000 | 8,668,000 | 11,792,000 | 19,435,000 |
| 150 | 3,655,000 | 5,916,000 | 10,234,000 | 13,923,000 | 22,947,000 |

PSIG SUFFIX

| SUFFIX | SET PRESSURE | SUFFIX | SET PRESSURE |
|--------|--------------|--------|--------------|
| 01 | 15 | 17 | 85 |
| 02 | 20 | 18 | 90 |
| 03 | 22 | 19 | 95 |
| 04 | 25 | 20 | 100 |
| 05 | 30 | 21 | 105 |
| 06 | 35 | 22 | 110 |
| 07 | 40 | 23 | 115 |
| 08 | 43 | 24 | 120 |
| 09 | 45 | 25 | 125 |
| 10 | 50 | 30 | 130 |
| 11 | 55 | 31 | 135 |
| 12 | 60 | 32 | 140 |
| 13 | 65 | 33 | 145 |
| 14 | 70 | 34 | 150 |
| 15 | 75 | 35 | 155 |
| 16 | 80 | 36 | 160 |

AVAILABLE CONFIGURATIONS

| PART NUMBER | SIZE (IN.) FNPT X FNPT | HEIGHT (IN.) (MM) | WIDTH (IN.) (MM) | WEIGHT (LB.) (KG.) |
|-------------|------------------------|-------------------|------------------|--------------------|
| 10604 | 3/4 x 3/4 | 5.3 (133) | 3.2 (81) | 2.3 (1.1) |
| 10614 | 3/4 x 1 | | | |
| 10605 | 1 x 1 | 6.7 (170) | 4.0 (102) | 4.0 (1.8) |
| 10615 | 1 x 1-1/4 | | | |
| 10606 | 1-1/4 x 1-1/4 | 8.4 (213) | 5.1 (129) | 7.7 (3.5) |
| 10616 | 1-1/4 x 1-1/2 | | | |
| 10607 | 1-1/2 x 1-1/2 | 10.8 (274) | 5.9 (150) | 11.25 (5.1) |
| 10617 | 1-1/2 x 2 | | | |
| 10608 | 2 x 2 | 14.0 (356) | 7.2 (183) | 23.5 (10.6) |
| 10618 | 2 x 2-1/2 | | | |