**855 SERIES RELIEF VALVE - FORWARD FLOW**

**FORWARD RELIEF VALVE**

**INSTALLATION HOLE**

**ACTUAL SIZE**

All dimensions are in millimeters.

* LOA before installation

**PERFORMANCE**

- **Lohm Rate:** 120 Lohms
- **Leakage:** 20sccm/min. (max.)
  - @ 172 kPa (25 psid) on air
  - 1 Drop/min. (max.) on hydraulic fluid
- **Maximum Working Pressure:**
  - 28 MPa (4,060 psid)
  - Checked Direction
  - 4 MPa (580 psid)
  - Flow Direction
- **Cracking Pressure Tolerance:** ±15%

**MATERIALS**

- **Body:** 303 Stainless Steel
- **Cage:** 416 Stainless Steel
- **Pin:** 416 Stainless Steel
- **Spring:** 302/17-7° Stainless Steel
- **Ball:** 440C Stainless Steel

**INSTALLATION**

- **Tool Part Number:** CCRT0900150S
- **Force:** 680 Kg F (max.)

**LEE PART NO.**

- **CRACKING PRESSURE**
  - PCFM3800210S: 100 kPa (14.5 psid)
  - PCFM3800215S: 150 kPa (21.8 psid)
  - PCFM3800220S: 200 kPa (29 psid)
  - PCFM3800225S: 250 kPa (36.6 psid)
  - PCFM3800230S: 300 kPa (43.5 psid)
  - PCFM3800235S: 350 kPa (50.8 psid)
  - PCFM3800240S: 400 kPa (58 psid)
  - PCFM3800250S: 500 kPa (72.5 psid)
  - PCFM3800255S*: 550 kPa (79.8 psid)