### 558 SERIES RELIEF VALVE - REVERSE FLOW

#### INSTALLATION

**PERFORMANCE**
- Lohm Rate: 250 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 .......... 305 Stainless Steel
- Pin ............. 416 Stainless Steel
- Spring ........ 302 Stainless Steel
- Ball.......... 440C Stainless Steel

**INSTALLATION**
- Tool Part Number ..... CCRT0900120S
- Force ........................ 625 Kg F (max.)

**View Installation Procedure**

#### MATERIALS

- **LEE PART NO.**
- **CRACKING PRESSURE**
  - PCRM2550210S 100 kPa (14.5 psid)
  - PCRM2550215S 150 kPa (21.8 psid)
  - PCRM2550220S 200 kPa (29 psid)
  - PCRM2550225S 250 kPa (36.6 psid)
  - PCRM2550230S 300 kPa (43.5 psid)
  - PCRM2550235S 350 kPa (50.8 psid)
  - PCRM2550240S 400 kPa (58 psid)
  - PCRM2550250S 500 kPa (72.5 psid)
  - PCRM2550255S 550 kPa (79.8 psid)

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**ACTUAL SIZE**

All dimensions are in millimeters.
* LOA before installation

**∆P vs. Flow on Water @80°F (27°C)**

![Flow Curve for 100 kPa Valve](chart.png)

**INSTALLATION HOLE**

![Installation Hole Diagram](diagram.png)

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**INSERT RELIEF VALVES**

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**INSERT CHECK VALVES**

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**Innovation in Miniature**