ENGINEERING TOMORROW

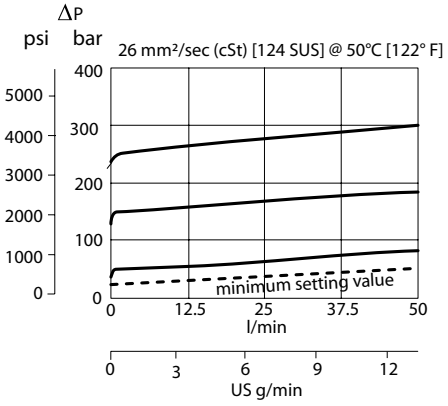
# Relief Valves Technical Information
## Direct Acting
## VME 07

## OPERATION

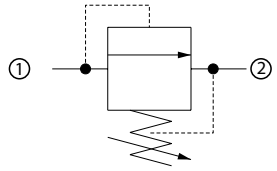
This is a direct-acting, poppet-type relief valve that relieves from 1 to 2. It features a highly damped poppet for smooth and stable response.

## SPECIFICATIONS

### Theoretical performance




### Schematic



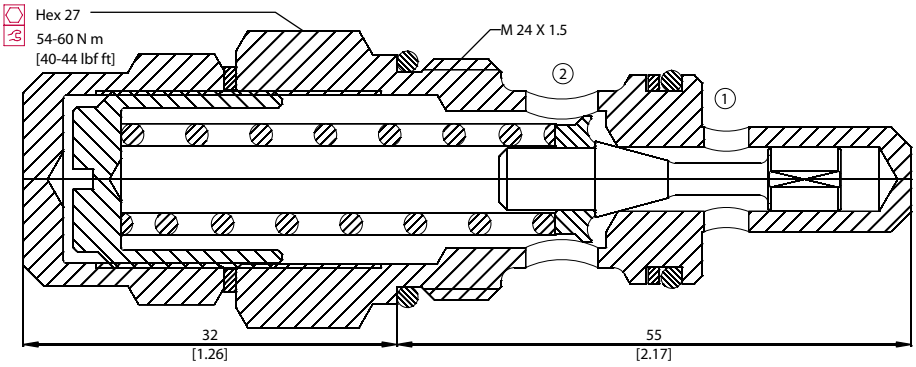

### Specifications

| | |
|---|---|
| **Rated pressure** | 315 bar [4500 psi] |
| **Rated flow** | 50 l/min [13 US gal/min] |
| **Weight** | 0.20 kg [0.44 lb] |
| **Cavity** | **VME07** |

## DIMENSIONS

mm [in]

### Cross-sectional view




## ORDERING INFORMATION

VME 07 - E- 2 - DG1/2 - V - XXX

**Adjustment**
E = Internal screw
M = Handwheel

**Setting range**
1 = 25 - 80 bar [363-1160 psi]
2 = 35 - 180 bar [508-2611 psi]
3 = 70 - 315 bar [1015-4569 psi]

**Seals**

| | Seal kit |
|---|---|
| V = Viton | Consult factory |
| Omit = Buna-N | Consult factory |

**Housing and ports**

| | | | Housing P/N |
|---|---|---|---|
| 00 | = | No Housing | No Housing |
| DG1/2 | = | Al, 1/2 BSP | VME07-DG-1/2 |
| DG8S | = | Al, #8 SAE | VME07-DG-8S |

Other housings available

To order this valve with a specific factory setting, contact your Danfoss ICS representative.