



|                  |   |                     |
|------------------|---|---------------------|
| Type             | Relieves pressure when valve setting is exceeded.   |                     |
| Operation        | This valve is normally closed. When pressure applied at port 1 rises to the valve setting, a poppet is lifted allowing limited flow to tank, port 2. Back pressure at port 2 increases the valve setting directly. Will not allow reverse flow. |                     |
| Material         | All steel construction. Precision ground & hardened parts. Buna-n seals are standard, viton available as an option.   |                     |
| Factory set at   | 4 gpm   | 15 L/min            |
| Maximum Pressure | 5,000 psi   | (350 bar)           |
| Nominal Flow     | 50 gpm  | (200 L/min)         |
| Maximum Leakage  | 10 drops/min @ reseal   | 0.7 cc/min @ reseal |
| Reseat pressure  | >90% of setting   |                     |
| Response Time    | 2 ms (typical)  |                     |
| Fluid            | General hydraulic fluid   |                     |
| Cavity           | T-3A  |                     |
| Install Torque   | 45-50 LB-FT   | (60 – 70 Nm)        |

### Options

|                 |   |  |   |                                  |   |  |
|-----------------|---|--|---|----------------------------------|---|--|
| GDR3            | — | 30   | — | N                                | — | xxxx   |
| Basic cartridge |   | Adjustment Range<br>30 - 500 - 3000 psi<br>(std. set 1000 psi)<br>45 - 800 - 4500 psi<br>(std. set 1000 psi) |   | Seals<br>N - Buna-n<br>V - Viton |   | Factory Setting<br>xx-In psi<br>(ie 1000=1000 psi) |

