



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	200 gpm	(800 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-18A	
Install Torque	350-375 LB-FT	(465 – 500 Nm)

### Options

GDR18	—	30	—	N	—	xxxx
Basic cartridge		Adjustment Range 30 - 500 - 3000 psi (std. set 1000 psi) 45 - 800 - 4500 psi (std. set 1000 psi)		Seals N - Buna-n V - Viton		Factory Setting xx-In psi (ie 1000=1000 psi)

