



Operation	Counterbalance valve prevents load runaway. Allows free flow from 2 to 1 & controlled flow from 1 to 2 by direct acting relief with a pilot operator to override or assist. Set relief at 30% above the maximum normal operating pressure. No pilot seals. Leakage port 2 to 3, 2 cu in/min at 1000 psi.	
Pilot Ratio	10:1	
Material	All steel construction. Precision ground & hardened parts. Buna-n seals are standard, viton available as an option.	
Maximum Pressure	5,000 psi	(350 bar)
Nominal Flow	30 gpm	(120 L/min)
Leakage	5 Drops/ min @ 85% of set pressure	(0.4cc/min)
Reset	>85% of setting	
Fluid	General hydraulic fluid	
Cavity	T-2A	
Install Torque	45 - 50 LB-FT	(60 – 70 Nm)

Options

GCB2	—	10	—	25	—	A	—	N	—	xxxx
Basic cartridge		Pilot Ratio 10 - 10:1		Adjustment Range 25 - 1000 - 2500 psi (std. set 2000 psi) 50 - 2000-5000 psi (std. set 3000 psi)		Cracking Pressure A - 4 psi Omit - 25 psi		Seals N - Buna-n V - Viton		Factory Setting xx-In psi (ie 2000=2000 psi)

