



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. This version includes a pilot seal to control leakage between ports 2 & 3.
Pilot Ratio	1.5:1
Material	All steel construction. Precision ground & hardened parts. Buna-n seals are standard, viton available as an option.
Maximum Pressure	4,000 psi (280 bar)
Nominal Flow	10 gpm (40 L/min) Semi-restrictive
Leakage	5 Drops/ min @ 85% of set pressure (0.4cc/min)
Reseat	>85% of setting
Fluid	General hydraulic fluid
Cavity	T-11A
Install Torque	30-35 LB-FT (45 – 50 Nm)

Options

GCBS11	—	1	—	40	—	A	—	N	—	xxxx
Basic cartridge		Pilot Ratio 1 – 1.5:1		Adjustment Range 15 - 400 - 1500 psi (std. set 1000 psi) 40 - 1000 - 4000 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 1000=1000 psi)

