



Operation	Pilot-to-close checks allow free flow from port 1 (Inlet) to port 2 (Outlet) and blocks reverse flow when there is no or insufficient pilot pressure. With adequate pilot pressure applied to port 3 (Pilot), the pilot piston seats the check poppet and blocks all flow. This pilot ratio is 1.8:1. Pilot pressure required to close equals port 1 pressure divided by 1.8. (ex. (1800 psi @ port 1) / 1.8 = 1000 psi pilot pressure at port 3.)	
Type	Poppet type check valve with an internal pilot piston.	
Material	Precision ground & honed, hardened steel parts. Buna-N seals standard. Zinc plated.	
Maximum Pressure	5,000 psi	(350 bar)
Pilot ratio	1.8:1	
Flow	80 gpm nominal	(320 L/min)
Leakage	5 drops per minute	(.35cc/min)
Fluid	General hydraulic fluid	
Cavity	T-17A	
Install Torque	150-160 lb-ft	(200-215Nm)

Options

GPCC17	—	1.8	—	30	—	N
Basic cartridge		Pilot Ratio 1.8 – 1.8:1		Cracking Pressure 4 - 4 psi 30 - 30 psi 75 - 75 psi		Seals N - Buna-N V - Viton

