

A04G2H UP TO **200** L/MIN **53** USGPM
A04G2P AND **420** BAR **6000** PSI



RELIEF VALVE

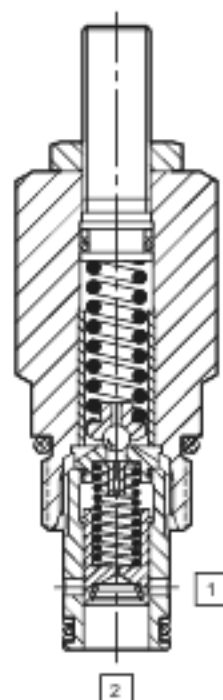
PILOT OPERATED, SPOOL TYPE

- High flow capacity.
- Minimal pressure variation with flow change.
- Full tank line back pressure capability, ideal for crossline relief applications.
- Integral 250 micron pilot flow filter.
- Hardened working parts for maximum durability.
- Adjustable and tamperproof versions available.

OPERATION

The adjustable spring-loaded ball in the pilot section is shifted at valve setting by pressure sensed through an orifice in the main spool from port [2]. The resulting pilot flow creates a pressure drop across the spring-loaded main spool that then opens allowing relief flow to port [1].

Reverse flow, [1] to [2], is blocked. Back pressure on port [1] adds to the valve setting.



SPECIFICATIONS

BASIC MODEL NUMBER	A04G2H	A04G2P
SYMBOL		
RATED FLOW	200 l/min 53 USgpm	
PRESSURE	10 - 210 bar 145 - 3000 psi	10 - 420 bar 145 - 6000 psi
MAX. REVERSE PRESSURE	420 bar 6000 psi	
SENSITIVITY: PRESSURE/TURN	30 bar 435 psi	55 bar 800 psi
FLUID *	MINERAL OIL OR SYNTHETIC FLUID WITH LUBRICANT PROPERTIES	
IDEAL VISCOSITY *	15 - 50 cSt 80 - 230 SSU	
SEAL MATERIAL / TEMPERATURE *	NITRILE (Std.) -30°C to +100°C -20°F to +210°F VITON -20°C to +150°C -4°F to +330°F	
FILTRATION *	25 MICRONS (Nom.) OR BETTER	
WEIGHT	0.21 kg 0.46 lb	
CAVITY	CAV04-2	

* IMPORTANT: See pages 582-583 for additional notes on operating conditions.

Specifications may change without notice

TYPICAL PERFORMANCE

Measured at 30 cSt 140 SSU (For cartridge only)

