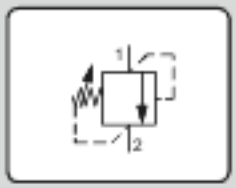


A04D2H UP TO **150** L/MIN **40** USGPM
A04D2M AND **350** BAR **5000** PSI

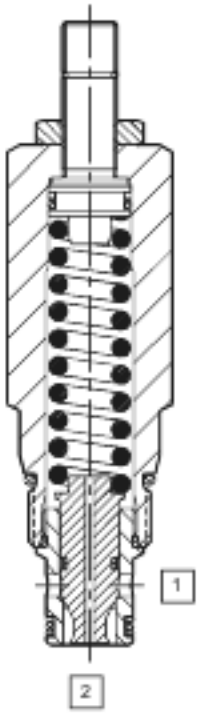
RELIEF VALVE

DIRECT ACTING, POPPET TYPE, SIDE TO NOSE

- Fast response
- Virtually leak-free.
- Minimal pressure variation with flow change.
- Industry common cavity. (Note: flow blocked 2→1)
- Hardened working parts for maximum durability.
- Adjustable, preset and tamperproof versions available.
- Preset version is tamperproof and compact.

OPERATION
The adjustable spring-loaded poppet is shifted at valve setting by pressure on port [1] allowing relief flow to port [2].

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

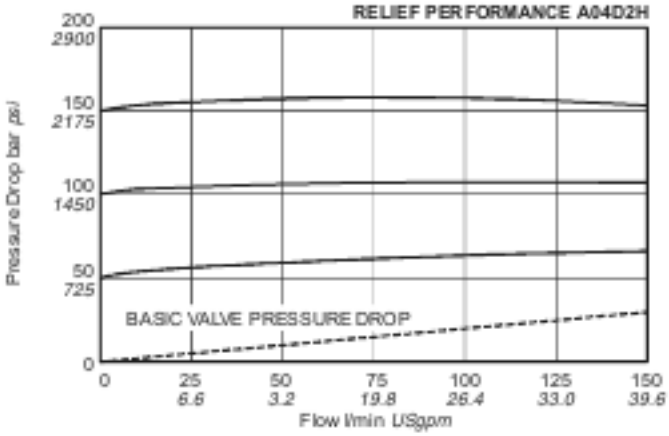
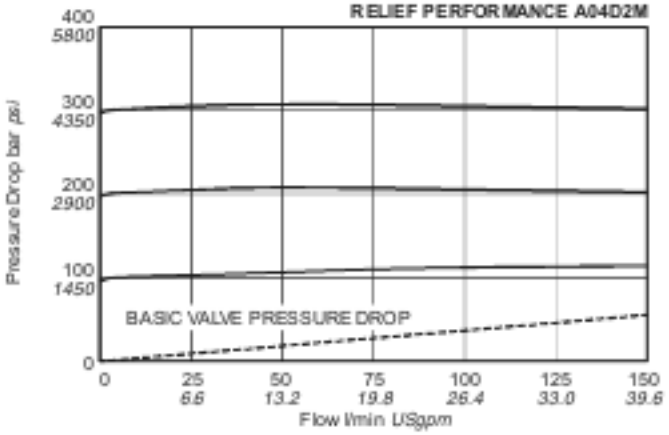


SPECIFICATIONS

BASIC MODEL NUMBER	A04D2H	A04D2M
SYMBOL		
RATED FLOW	150 l/min *40 USgpm*	
PRESSURE	5 - 210 bar *72 - 3000 psi*	5 - 350 bar *72 - 5000 psi*
MAX. REVERSE PRESSURE	420 bar *6000 psi*	
SENSITIVITY: PRESSURE/TURN	26 bar *370 psi*	35 bar *510 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 *BUNA-N* *-20°F to +210°F* VITON -20°C to +150°C *-4°F to +330°F*	
FILTRATION *	25 MICRONS (Nom.) OR BETTER	
WEIGHT	0.28 kg *0.62 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)