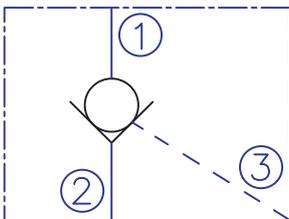


DESCRIPTION

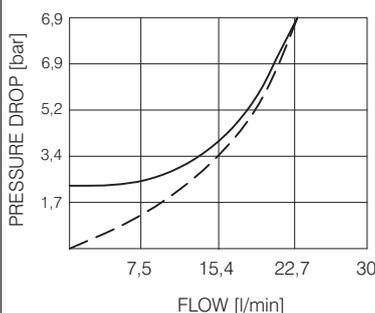
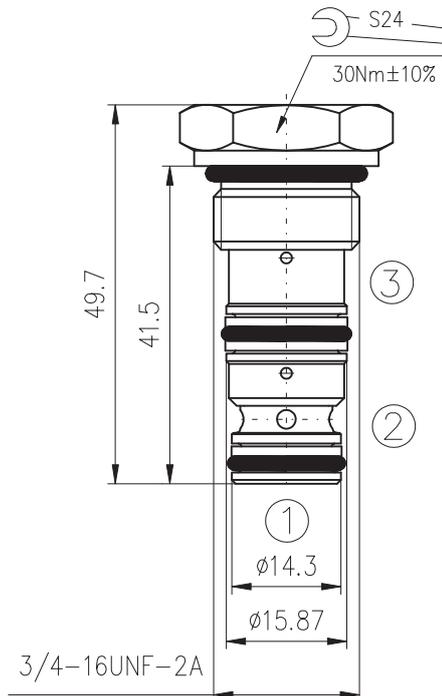
A screw-in , cartridge-style , pilot operated , hydraulic check valve for use in blocking or load-holding circuits.

OPERATION

The CPV08-3B allows flow from 2 to 1 , while normally blocking flow from 1 to 2. Flow will be allowed from 1 to 2 when sufficient pressure is applied at 3. The cartridge has a 3:1 pilot ratio , meaning that at least one-third of the load pressure held at 1 is required at 3 to open the valve.

SYMBOL

PERFORMANCE

Cartridge only

 — free flow - - piloted open
 32cSt oil at 40°C

DIMENSIONS

ORDERING CODE
CPV08-3B ***

Pilot to open check valve

 Seals: Buna N - N
 Viton V - V

TECHNICAL DATA

| | |
|---|--|
| Operating pressure | 210bar |
| Rated flow - See Performance Chart | |
| Internal leakage: | 1 to 2 0,25cc/minute max. at 210bar |
| Check spring bias | 4,8bar |
| Pilot ratio | 3:1 |
| Working liquid-hydraulic oils with characteristics: | |
| -viscosity | 10...400 cSt |
| -degree of filtration | 0,025 mm |
| -temperature | -20...+80°C |
| Cavity: See "Cavities and bodies" brochure | CC08-3 |