



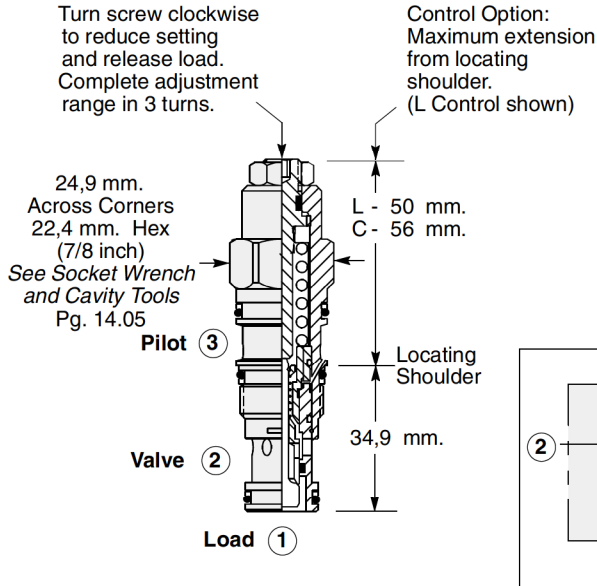
# COUNTERBALANCE VALVE



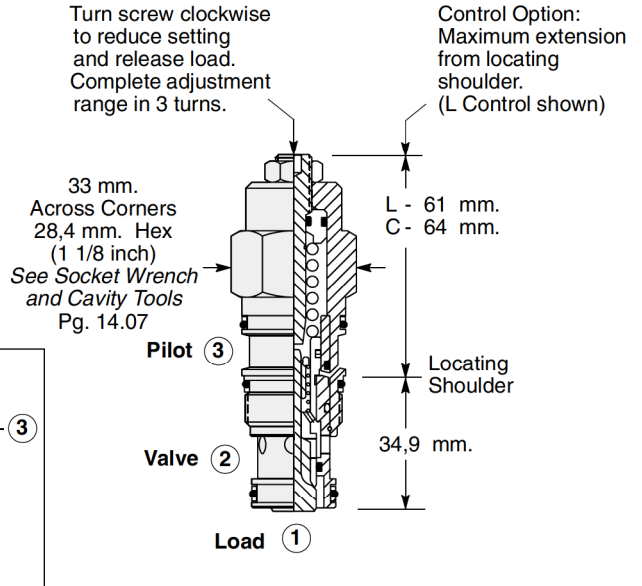
Refer to page 4.02 for further technical information.

- 3:1 pilot ratio, load holding to 210 bar (with 280 bar setting).
- Load reactive pilot assist for overcentre load control applications.

## 0 to 60 L/min Nominal Series 1 Cartridge T-1 1A Cavity Installation Torque 45 to 50 Nm

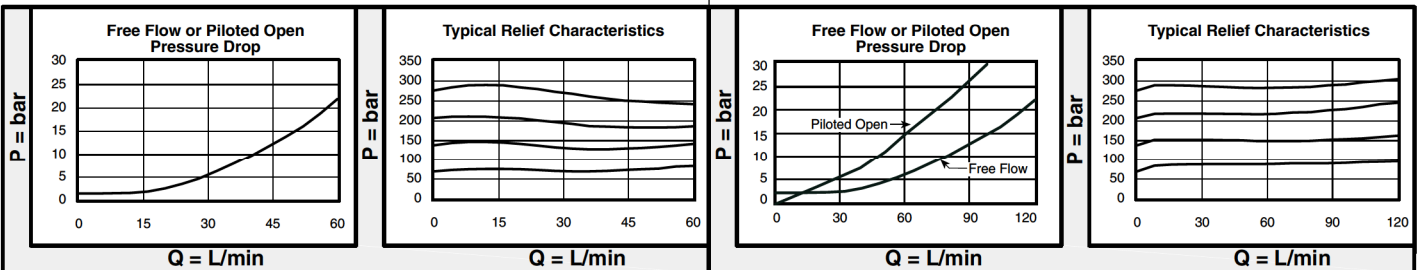


## 0 to 120 L/min Nominal Series 2 Cartridge T-2A Cavity Installation Torque 60 to 65 Nm



Back pressure at Port 2 may adversely affect operation of valve. (For circuits with back pressure, use CW\*A).  
Maximum leakage = 5 drops/min. at reset with standard setting.  
Reset exceeds 85% of set pressure.

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MODEL  
**CBCA-LHN**

PRICE

MODEL  
**CBEA-LHN**

PRICE

### OPTIONS

**CB \* A - \* \* \* - \* \* \* / \***

Basic cartridge from above

#### CONTROLS

See page xvi for more details on Optional Controls Listed on This Page

**L** Standard Screw Adjustment

**C** Nonstandard Controls  
Tamper Resistant Factory Set

#### ADJUSTMENT RANGES

**GENERAL PURPOSES**  
(2 bar Cracking Pressure)

**H** 70 to 280 bar  
210 bar Standard Setting

**I** 25 to 105 bar  
70 bar Standard Setting

**SPECIAL PURPOSES**  
(0,3 bar Cracking Pressure)

**A** 70 to 280 bar  
210 bar Standard Setting

**B** 25 to 105 bar  
70 bar Standard Setting

Customer Specified Setting Stamped on Hex

Setting should be 1.3 times maximum load induced pressure.

#### SEALS

**N** Buna-N

**V** Viton

#### BODY

Omit for Cartridge Only or See Body Locator Page 4.08