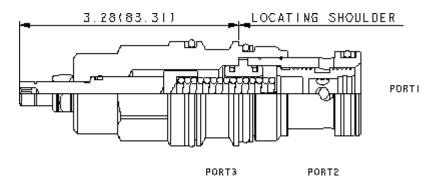
Tuneable, normally open, modulating element

/ CAVITY: T-17A



sunhydraulics.com/model/LPHCL



Normally open modulating elements without an internal orifice act as a restrictive compensator to maintain a constant pressure drop across an orifice, regardless of variations in upstream or downstream pressure.

TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Cavity	T-17A
Series	3
Maximum Operating Pressure	5000 psi
Valve Hex Size	1 1/4 in.
Valve Installation Torque	150 - 160 lbf ft
Model Weight	1.60 lb
Seal kit - Cartridge	Buna: 990-017-007
Seal kit - Cartridge	EPDM: 990-017-014
Seal kit - Cartridge	Polyurethane: 990-017-002
Seal kit - Cartridge	Viton: 990-017-006

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OPTION SELECTION EXAMPLE: LPHCLNV

 V
 Viton
 Standard Material/Coating

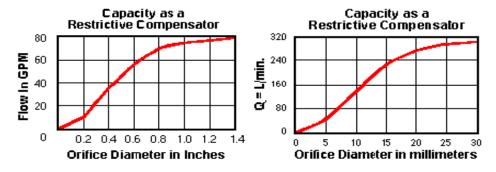
 E
 EPDM
 JLH
 Mild Steel, Zinc-Nickel

TECHNICAL FEATURES

Buna-N

- Cartridges configured with EPDM seals are for use in systems with phosphate ester fluids. Exposure to petroleum based fluids, greases and lubricants will damage the seals.
- A tuning adjustment (models configured with an L control) is available to vary the pressure drop across the compensator to increase/decrease flow within +/-25% of setting.
- All ports will accept 5000 psi (350 bar).
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.

PERFORMANCE CURVES



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