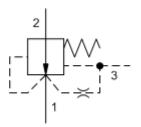


Normally open, modulating element with pilot source from port 1

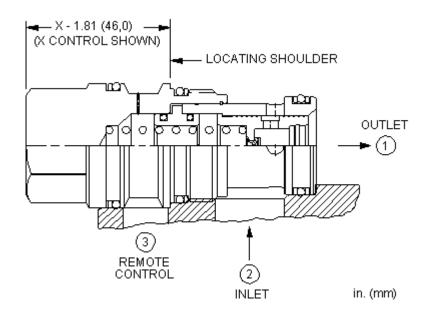
CAPACITY: 60 gpm / CAVITY: T-17A



sunhydraulics.com/model/LPHA



sun hydraulics'



These normally open modulating elements with an internal orifice between port 1 and port 3 can be used as a main-stage reducing valve. The valve can be controlled remotely using a pilot relief or pilot solenoid valve.

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

Cavity	T-17A
Series	3
Capacity	60 gpm
Maximum Operating Pressure	5000 psi
Control Orifice Diameter	.021 in.
Control Pilot Flow	15 - 30 in³/min.
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	Polyurethane: 990-017-002
Seal kit - Cartridge	Viton: 990-017-006

©2024 Sun Hydraulics 1 of 2

OPTION SELECTION EXAMPLE: LPHAXNV



TECHNICAL FEATURES

- Sun offers a variety of pressure and solenoid pilot control valves than can be used as remote control operators. See Pilot Control Cartridges.
- 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).
- Corrosion resistant cartridge valves are intended for use in corrosive environments and are identified by the model code suffix /AP for external stainless steel components, or /LH for external zinc-nickel plated components. See the CONFIGURATION section for all options. For further details, please see the Materials of Construction page located under TECH RESOURCES.
- 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.

©2024 Sun Hydraulics 2 of 2