

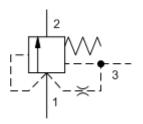


Normally closed, modulating element with pilot source from port 1

CAPACITY: 7.5 gpm / CAVITY: T-163A

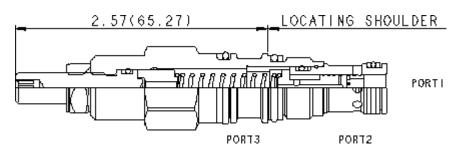


sunhydraulics.com/model/LRBA



CONFIGURATION

Seal Material



Normally closed modulating elements with an internal orifice between port 1 and port 3 can be used as a main-stage relief

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-163A
Series	0
Capacity	7.5 gpm
Maximum Operating Pressure	5000 psi
Control Orifice Diameter	.016 in.
Control Pilot Flow	10 - 15 in³/min.
Valve Hex Size	3/4 in.
Valve Installation Torque	20 - 25 lbf ft
Seal kit - Cartridge	Buna: 990-163-007
Seal kit - Cartridge	Polyurethane: 990-163-002
Seal kit - Cartridge	Viton: 990-163-006

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OPTION SELECTION EXAMPLE: LRBALDN

SEAL MATERIAL (V)

V Viton

N Buna-N

TECHNICAL FEATURES

- 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.

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