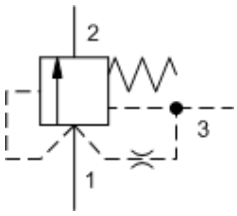
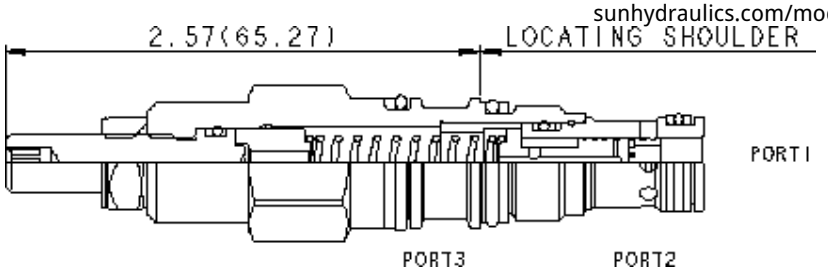
MODEL
LRBA

Normally closed, modulating element with pilot source from port 1

CAPACITY: 7.5 gpm / CAVITY: T-163A

sunhydraulics.com/model/LRBA





CONFIGURATION

L	Control	Tuning Adjustment
D	Differential Pressure	50 psi (3,5 bar)
N	Seal Material	Buna-N

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 Pilot Flow	10 - 15 in³/min.
Control Orifice Diameter	.016 in.
Valve Hex Size	3/4 in.
Valve Installation Torque	20 - 25 lbf ft
Seal kit - Cartridge	Buna: 990163007
Seal kit - Cartridge	Polyurethane: 990163002
Seal kit - Cartridge	Viton: 990163006
Model Weight	0.24 lb.

CONFIGURATION OPTIONS

Model Code Example: LRBAArray

CONTROL (L)	DIFFERENTIAL PRESSURE (D)	SEAL MATERIAL (N)
L Tuning Adjustment	**D** 50 psi (3,5 bar)	**N** Buna-N
	F 100 psi (7 bar)	**V** Viton
	H 200 psi (14 bar)	

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.

RELATED MODELS

- LRBAX Normally closed, modulating element with pilot source from port 1

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