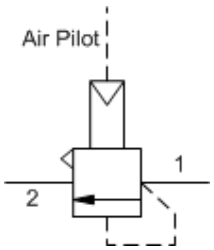
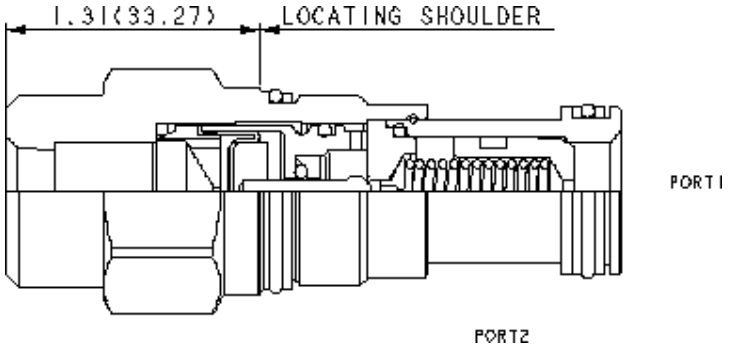
MODEL
RBAB

Air-controlled, direct-acting relief valve - pilot capacity
SERIES 2 / CAPACITY: 2 L/min. / CAVITY: T-3A

snhy.com/RBAB





Air-controlled, pilot relief cartridges are used to remotely control the pressure setting of other pilot operated valves. Because capacity is limited to pilot flow, these valves should be used with valves with compatable pilot flows. They use compressed air over a diaphragm instead of an adjustable spring to control pressure setting, the air signal is supplied through a port in the hex-end of the cartridge.

TECHNICAL DATA

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

Cavity	T-3A
Series	2
Capacity	2 L/min.
Pilot Ratio	20:1
Maximum Operating Pressure	140 bar
Response Time - Typical	2 ms
Maximum Valve Leakage at 110 SUS (24 cSt)	0,3 cc/min.
Valve Hex Size	28,6 mm
Valve Installation Torque	61 - 68 Nm
Seal kit - Cartridge	Buna: 990203007
Seal kit - Cartridge	Viton: 990203006

CONFIGURATION OPTIONS

Model Code Example: RBABABN

CONTROL (A)	OPERATING RANGE (B)	SEAL MATERIAL (N)
A External 1/4 NPTF Port	**B** 50 - 1500 psi (3,5 - 105 bar)	**N** Buna-N
		V Viton

TECHNICAL FEATURES

- Maximum air pressure should not exceed 150 psi (10 bar).
- Pressure settings are insensitive to back pressure at the tank port (port 2). Back pressure should not exceed 1000 psi (70 bar).
- Capable of providing explosion proof remote control of the pressure setting, the hydraulic setting is directly porportional to the air setting at a ratio of 20:1 (hydraulic:air).
- 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