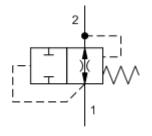
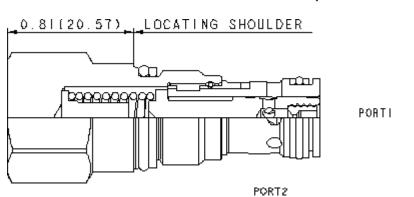


Fixed-orifice, flow fuse valve CAPACITY: 2.25 gpm / CAVITY: T-162A



sunhydraulics.com/model/FQBA





Flow fuse cartridges are used to maintain the position of a hydraulic actuator in the event of a hose or line break. The valve allows flow to and from the actuator but closes instantly if flow from the actuator exceeds the setting of the valve. NOTE: Because the valve responds so rapidly, it is sensitive to any transient flow above the valve setting.

TECHNICAL DATA	NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.
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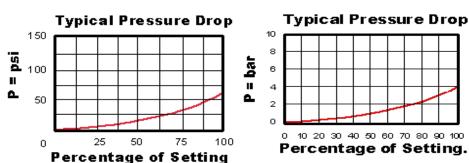
Cavity	T-162A
Series	0
Capacity	2.25 gpm
Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	1 in <sup>3</sup> /min.@1000 psi
Valve Hex Size	3/4 in.
Valve Installation Torque	20 - 25 lbf ft
Seal kit - Cartridge	Buna: 990-162-007
Seal kit - Cartridge	EPDM: 990-162-014
Seal kit - Cartridge	Polyurethane: 990-162-002
Seal kit - Cartridge	Viton: 990-162-006

## **OPTION SELECTION EXAMPLE: FQBAXAN**



## **TECHNICAL FEATURES**

- Customer must specify a flow rating. Factory set flow ratings are within +/- 15% of the requested setting.
- 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.
- Valve closes when flow from port 1 to port 2 exceeds the setting of the valve. Valve resets when pressures at port 1 and port 2 are equal.
- Flow setting should be at least 25% above maximum normal system flow. Customer must specify flow when ordering valve.
- These are spool type valves, therefore there is leakage. Some actuator drift may occur.
- 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