

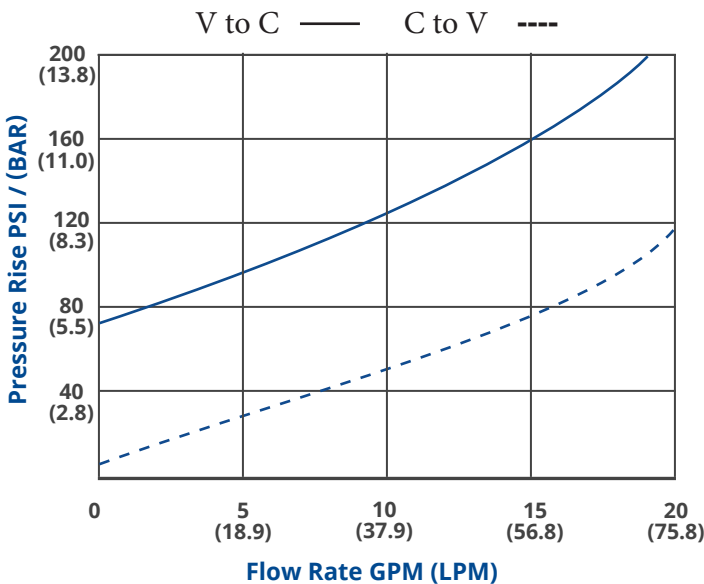
Description:

Pilot operated check valve with an optional thermal relief. Use for load holding or blocking circuits. Free flow is allowed from the "V" port to the "C" port. When pressure is applied to the "P" port flow is allowed back through the "C" port. The pressure to open the check valve is one-fourth of the load on the check valve.

Features:

- Select variation from the FastLine program
- Optional thermal relief protection
- Optional spring ranges to maximum performance
- Optional sealed piston
- Hardened poppet and cage for long life
- Zinc plated exposed steel parts
- Anodized aluminum body for corrosion protection

Flow Characteristics (32 CST / 150 SUS oil at 40C)



Specifications:

Maximum Pressure (Aluminum)	3000 PSI (207 BAR)
Maximum Flow	15 GPM (57 LPM)
Port Size	SAE-08
Pilot Ratio	4:1
Body Material	Aluminum
Filtration	ISO 4460
Fluids	Mineral based or synthetics 50-2000 SUS
Approx. Weight	1.2 Lbs.

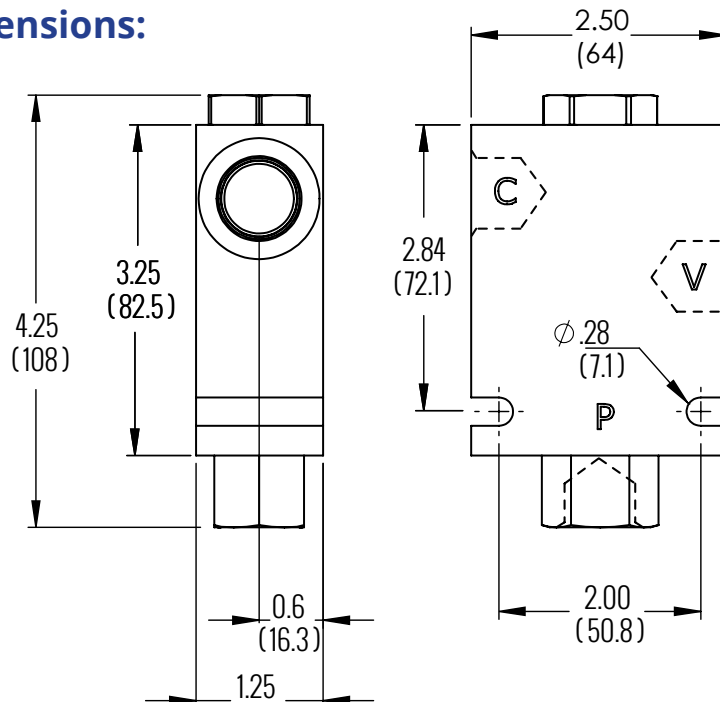
The data and application materials contained herein are furnished for information only and believed to be reliable. Questions regarding specific applications or performance should be directed to JEM's application department. Since our products are being continuously improved, data contained herein is subject to change without notice. Warranty on FastLine products is 1 year from the date of sale.

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Installation Dimensions:



() Parentheses = Millimeters

How To Order:



Example model code is the in-stock FastLine solution

PCV100 - 308T - - - - 65

Base Part No.

3 Ports
Size SAE 08

Body Material:
Omit = Aluminum
D = Ductile *

Seal Type:
Omit = Buna N
V= Fluorocarbon **
S= Buna w/ piston seal
VS= Fluorocarbon w/ piston seal

Bias Spring:
65 PSI (STD)
100 = 100 PSI (min for piston seals)
200 = 200 PSI

Thermal Relief Option:
Omit = No thermal relief
1 = Thermal relief ***

* Ductile bodies have limited availability. Ductile bodies are recommended for working pressures over 3000 PSI.

** Fluorocarbon seals are used when temperatures exceed 212 ° F (100° C).

*** Thermal reliefs can not be used with sealed pistons. Thermal reliefs have a longer lead time.

Typical Cylinder Application

