

Description:

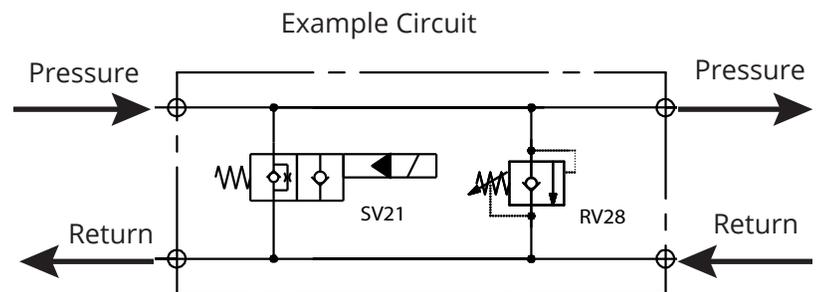
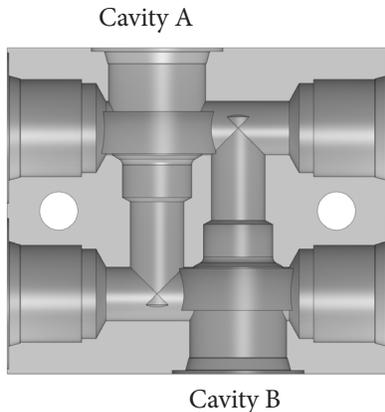
Two cartridge cavities in a simple manifold. Cavities are machined on opposing parallel passages. This layout gives the ability to create a variety of assemblies based on two cartridge circuits. Body is machined for full flow around the cartridges.

Features:

- Available in cavity size VC-08 and VC-10
- Most 2 way cartridges may be accommodated
- Industry common cavities
- Anodized aluminum body

Specifications:	
Maximum pressure	3,000 PSI (207 BAR)
Maximum flow	Subject to cartridge
Port size	SAE-06 or 10
Body material	Aluminum
Filtration	ISO 4406
Fluids	Mineral based or Synthetics 50-2000 SUS

Cavity locations

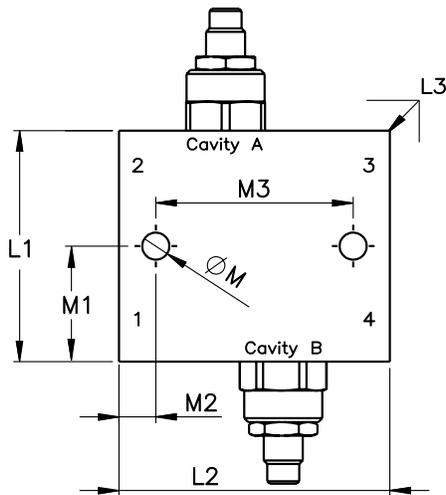


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Size	L1	L2	L3	M1	M2	M3	M dia.
DCBX08	2.43 (61.7)	2.93 (74.4)	1.25 (31.8)	1.22 (30.7)	.47 (50.8)	2.0 (80.8)	0.34 (8.7)
DCBX10	2.93 (74.4)	3.43 (87.1)	1.43 (36.3)	1.47 (37.2)	.47 (50.8)	3.25 (82.55)	0.34 (8.7)

() Parentheses = Millimeters
All ports are on center

How To Order: Assembly

Example model code is an in-stock FastLine solution

DCBX 100 - RV28A - 18 - SV2CN - 12DT - N - 10T _

Base Part No.

Cartridge cavity size:
VC08 = 080
VC10 = 100

Cavity A: —
See cartridge Selection below

Cavity B: —
See cartridge Selection below

Seal Type:
N = Buna N
V = Fluorocarbon **

Port Size:
06T = SAE 06, Standard for DCBX08
10T = SAE 10, Standard for DCBX10

Body Material:
Omit = Alum.
D = Ductile *

Port plug:
Omit = No plug
P1 = Plug port 1
P2 = Plug port 2
P3 = Plug port 3
P4 = Plug port 4

* 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).

How to specify: Cartridge Selection

Solenoid Valves: SV2A N - 12 DT

Valve Code from page 3

Manual override:
N = No Override *
M = Manual override

Coil voltage:
12 = 12VDC *
24 = 24VDC
Other voltages may be available

Wire connector:
DT = Deutsch*
LW = Lead-wire

Mechanical Valves: RV22 A - 18

Valve Code from page 3

Adjustment Type:
N = Fixed setting
A = Hex allen head*
C = Capped adjustment
H = Hidden adjustment
K = Knob

Valve Setting:
Pressure setting /100
18 = 1800*

Flow control set in GPM
02 = 2.0 GPM *

* Indicated the standard offering.
Non standard selections may delay shipping of the assembly.

Function Selection:

Use the ISO symbol below for cartridge selection. To the right of the symbol is the model code reference. The top of the symbol represents the side of the cartridge and is common to the work ports closest to the surface of the manifold the cartridge screws into.

Note:

When performance of the cartridge is critical, request a product data sheet on the specific cartridge. The SV2A & SV2C have severely restricted reverse flow. SV2B & SV2D have free reverse flow. To simplify the model code, reference cartridges in alphabetical order.

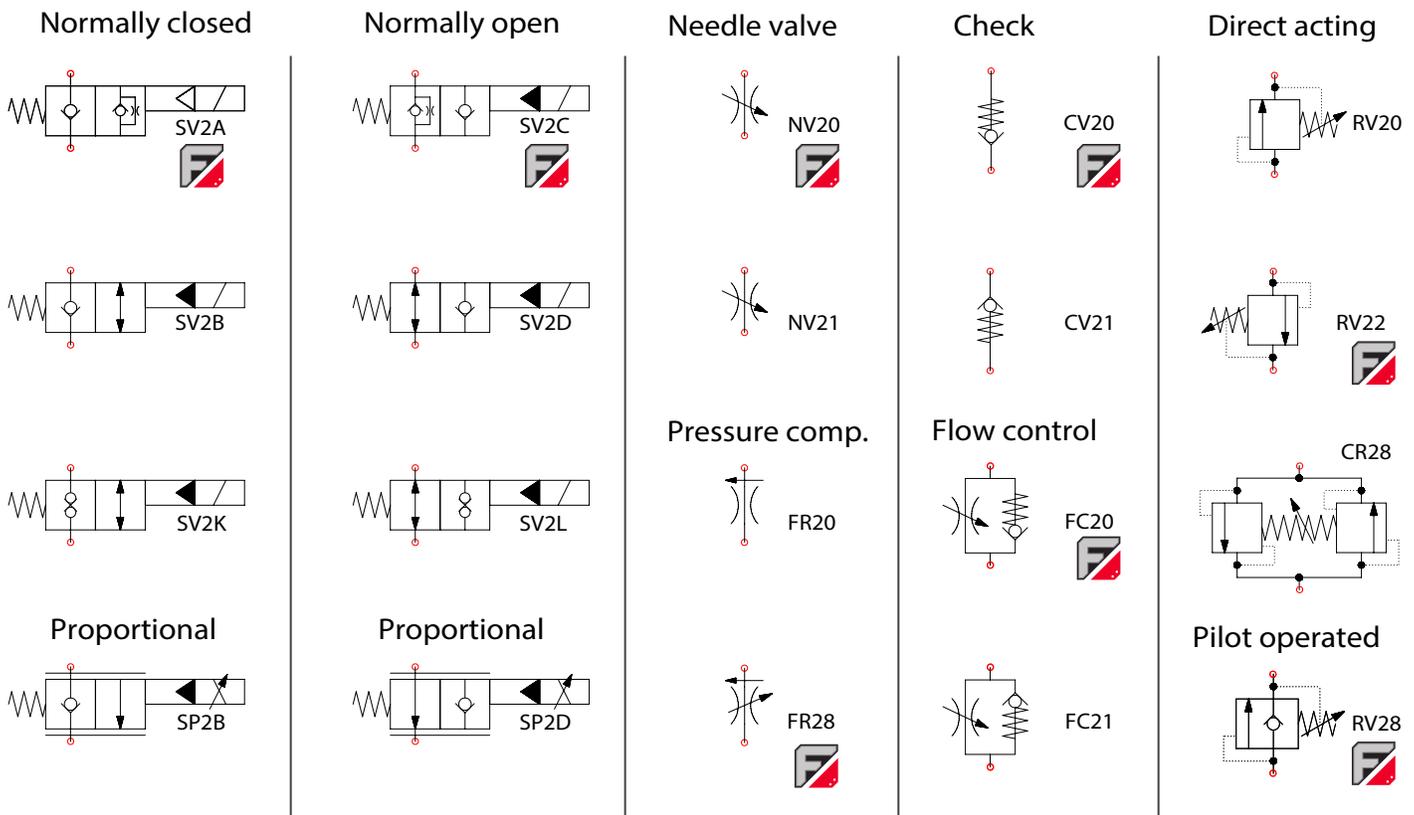
Indicates the cartridge is available as a FastLine quick ship item in the VC10 size assemblies. Other selections may have a longer lead time.

Solenoid Valve

Flow Control

Directional control

Relief Valve



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Example Circuits

