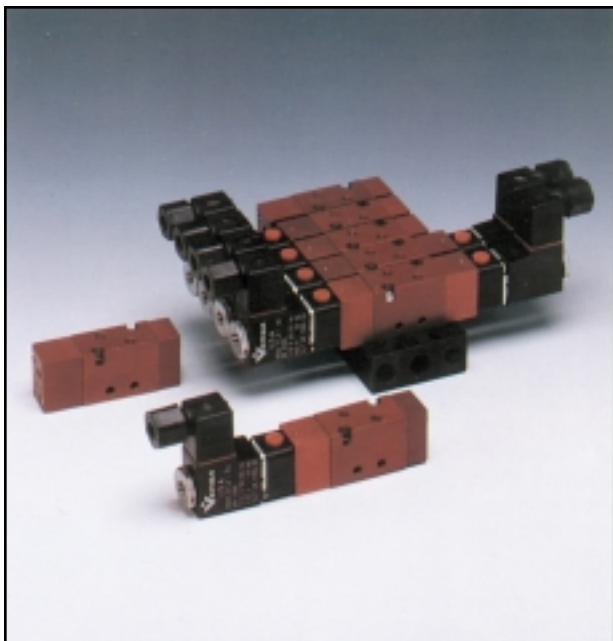


VERSA[®]
Valves

SERIES C TYPE VALVES

C3 VALVES



Function:
Four-Way 5/2

Port Sizes:
10-32 UNF or M5

Service:
Pneumatic-vacuum
to 115 psi (8 bar)

Style:
Side-ported (individual valves)
Gang mounting (2 or more valves)
Supply & Exhaust manifold mounting
(2 to 10 valves)

Construction:
Packed, balanced spool design
Anodized aluminum, stainless steel, brass, nylon
FKM (fluorocarbon) seals

Orifice/Flow:
0.118" (3.0 mm)/C_v 0.23 (K_v3.3)

Actuation:
Solenoid/pilot-low watt service
Remote pressure pilot



Bulletin: C3

C5 & C7 VALVES – Body-ported

Function: Four-Way multipurpose 5/2 & 5/3

Port Sizes:

Style:
Side-ported (individual valves)
Gang mounting (2 or more valves)
Supply & Exhaust manifold mounting (2 to 10 valves)

C5 = 1/8" NPT or G1/8
C7 = 1/4" NPT or G1/4

Construction:
Packed, balanced spool design
Anodized aluminum, stainless steel, brass &
synthetic resin

FKM (fluorocarbon) seals
Orifice/Flow:
C5 = 0.197" (5 mm)/C_v0.75 (K_v11)
C7 = 0.276" (7 mm)/C_v1.6 (K_v23)

Actuation:
Solenoid/pilot
Solenoid/pilot-low watt service
Remote pressure pilot
Manual

Service: Pneumatic-vacuum to 115 psi (8 bar)



Bulletin: C



C5 & C7 VALVES – Manifold Mounting

Function: Four-Way multipurpose 5/2 & 5/3

Style:
Modular manifold mounting
(1 to 12 stations)
with or without plug-in
electrical connection

Cylinder Port Sizes:
C5 = 1/8" NPT or G1/8, 1/4"NPT or G1/4
C7 = 1/4" NPT or G1/4, 3/8" NPT or G3/8

Construction:
Packed, balanced spool design
Anodized aluminum, stainless
steel, brass and synthetic resin
FKM (fluorocarbon) seals

Common Inlet & Exhaust Port Sizes:
C5 = 1/4" NPT or G1/4
C7 = 3/8" NPT or G3/8

Orifice/Flow:
C5 = 0.197" (5 mm)/C_v0.75 (K_v11)
C7 = 0.276" (7 mm)/C_v1.5 (K_v22)

Actuation:
Solenoid/pilot
Solenoid/pilot for low watt service

Service: Pneumatic-vacuum to 115 psi (8 bar)



Bulletin: C





SERIES E TYPE VALVES EZ Bantam VALVES

Function:

Two-Way 2/2
Three-Way 2/2, 3/2
Directional 3/2
Multipurpose 3/2

Style:

Side-ported (individual valves)
Multiple manifolding (2 or more valves)

Construction:

Aluminum & stainless steel
FKM (fluorocarbon) seals

Orifice/Flow:

1/32 to 1/8" (0,8 to 3,2 mm)/
Cv.03 to .21 (Kv0.4 to 3)

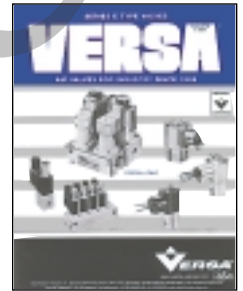
Actuation:

Direct solenoid

Service:

Pneumatic or hydraulic-vacuum to 500 psi (35 bar)

Sizes: 1/8" NPT



Bulletin: E



E5 Compact VALVES

Function:

Two-Way 2/2
Three-Way 2/2, 3/2
Directional 3/2
Multipurpose 3/2

Style:

Side-ported

Construction:

Stainless steel
NBR (nitrile) seals-ordinary service
FKM (fluorocarbon) seals-hazardous service

Orifice/Flow:

1/32 to 1/8" (0,8 to 3,2 mm)/
Cv.03 to .21 (Kv0.4 to 3)

Actuation:

Direct solenoid
Direct solenoid for hazardous locations
Direct solenoid for low watt hazardous locations

Service: Pneumatic or hydraulic-vacuum to 500 psi (35 bar)

Sizes: 1/8" NPT



Bulletin: E



E Full Size VALVES

Function:

Two-Way 2/2
Three-Way 2/2, 3/2
Directional 3/2
Multipurpose 3/2

Style:

Side-ported
Subplate mounting (individual valves)
Multiple manifold mounting (2 or more valves)

Construction:

Stainless steel or aluminum
NBR (nitrile) seals-ordinary service
FKM (fluorocarbon) seals-optional

Orifice/Flow:

3/64 to 1/4" (1,2 to 6,4 mm)/
Cv.06 to .79 (Kv0.9 to 11.5)

Actuation:

Direct solenoid
Direct solenoid for hazardous locations

Sizes: 1/8" NPT or G1/8
1/4" NPT or G1/4

Service: Pneumatic or hydraulic-
vacuum to 250 psi (17 bar)



Bulletin: E

SERIES K4.7 & K6.5 VALVES

Air Management System

Function:

Four-Way 4/2, 4/3; can be used as 2, 3, or 4-way
Five-Way 4/2, 4/3

Style:

Subplate mounting (individual valves)
Multiple manifold system (some with custom integrated circuitry)

Construction: O ring packed balanced spool design requires minimal force independent of controlled pressure for actuation; bubbletight sealing
Small physical size with large flow
Aluminum & stainless steel

FKM (fluorocarbon) — O ring seals

Actuation:

Solenoid/pilot
Solenoid/pilot for hazardous locations
Solenoid/pilot for low watt hazardous locations
Solenoid/pilot for low watt service
Remote pressure pilot
Manual; Mechanical

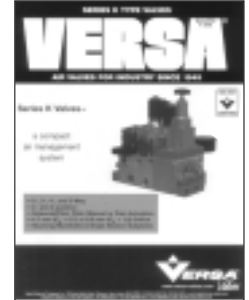
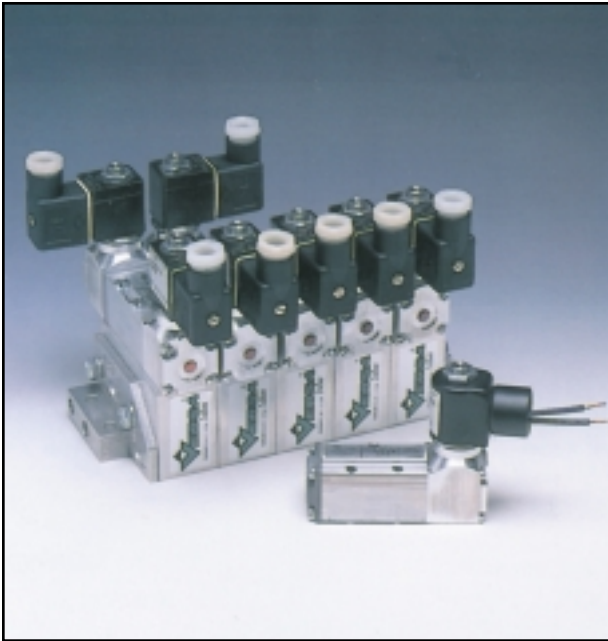
Sizes:

1/4" NPT or G1/4

Orifice/Flow:

K4.7=3/16" (4,7 mm)/
C_v0.7 (K_v10.1)
K6.5=1/4" (6,5 mm)/
C_v1.2 (K_v17.4)

Service: Pneumatic-
vacuum to 175 psi (12 bar)



Bulletin: K

SERIES B VALVES

Function: Two-Way, 2/2
Three-Way, 2/2

Sizes: 1/8" NPT

Style: Side-ported

Multiple manifold mounting (2 or more valves)

Construction:

O ring packed poppet; bubbletight sealing.
Brass & Stainless steel
O ring seals—NBR (nitrile) standard

Orifice/Flow:

3/16" (4,7mm)/C_v0.6 (K_v8.7)

Actuation:

Manual
Remote pressure pilot
Mechanical

Service: Pneumatic-vacuum to 200 psi (14 bar)



Bulletin: B



SERIES V, and T VALVES

Function:

Two-Way 2/2
Three-Way 3/2, 3/3
Four-Way 5/2, 5/3
Five-Way 5/2, 5/3
Selector 3/2, 3/3
Diverter 3/2, 3/3

Sizes:

1/8" NPT or G1/8 = 3/8" (9,5mm)/C_v1.4 (K_v20)
1/4" NPT or G1/4 = 3/8" (9,5 mm)/C_v1.8 (K_v26)
3/8" NPT or G3/8 = 5/8" (16 mm)/C_v3.4 (K_v49)
1/2" NPT or G1/2 = 5/8" (16 mm)/C_v4.0 (K_v58)
3/4" NPT or G3/4 = 1 1/16" (27mm)/C_v9.7 (K_v140)
1" NPT or G1 = 1 1/16" (27mm)/C_v1.11 (K_v161)
1 1/4" NPT or G1 1/4 = 1 1/4" (32 mm)/C_v14.9 (K_v216)

Orifice/Flow:

Style:

Side-ported
Subplate mounted (individual valves)
Multiple manifold mounting (2 or more valves)

Construction: O ring packed balanced spool design requires minimal force independent of controlled pressure for actuation; bubbletight sealing. Full flow port design.
Forged brass, rod brass & stainless steel
O ring seals – NBR (nitrile) Series V standard
TFE (teflon) Series T standard

Actuation:

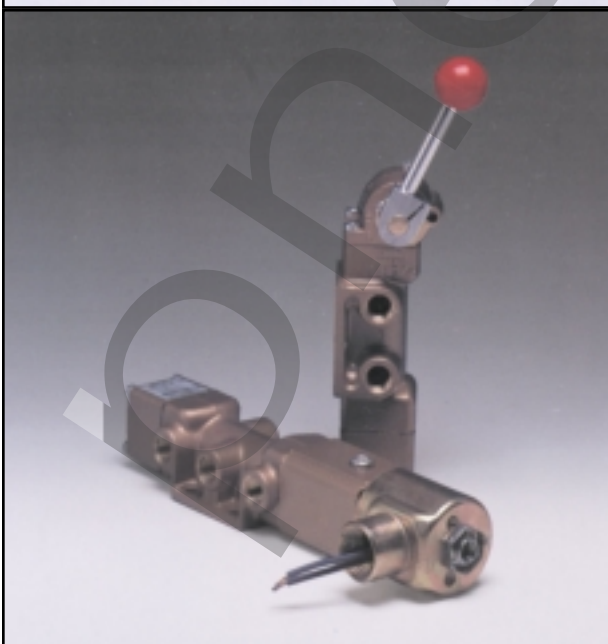
Solenoid/pilot
Solenoid/pilot for hazardous locations
Solenoid/pilot for low watt hazardous locations
Solenoid/pilot for low watt service
Remote pressure pilot
Bleed pilot
Combination Actuators

Manual
Pedal/treadle
Mechanical

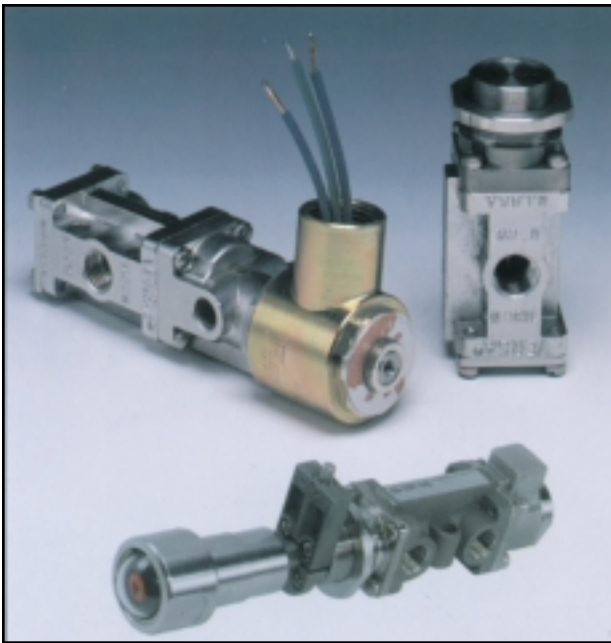
Service:

Series V pneumatic–vacuum to 200 psi (14 bar)
Series T hydraulic-to 500 psi (35 bar)

Bulletin: VT



AUTOMATION & CONTROL VALVES & COMPONENTS FOR PROCESS CONTROL



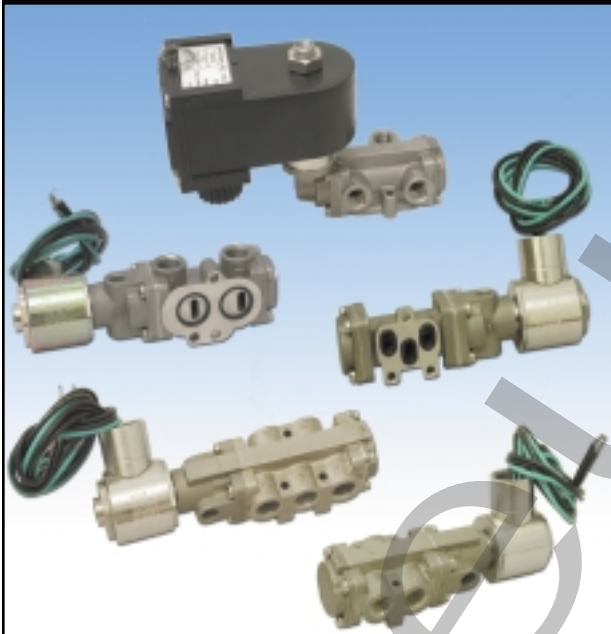
Type:
Series B316
Series B900
Series B550 & B900

Function:
 Three-Way 3/2
 Main Supply Reset
 Indicating Relay

Construction:
 316 Stainless steel
 316 Stainless steel
 Hardcoated aluminum
 or 316 Stainless steel
 O ring seals – FKM (fluorocarbon)

Sizes: 1/4" NPT
Service: Pneumatic - to 200 psi (14 bar)
Actuation:
 Solenoid/pilot Remote pressure pilot
 Solenoid/pilot for hazardous Manual
 locations Mechanical
 Solenoid/pilot for low watt Combination actuators
 hazardous locations

Bulletin: B316



SERIES C316 VALVES

Function: Three-Way 3/2
 Four-Way 5/2

Sizes: 1/4" NPT

Style/Flow: Side-ported or Manifold mounted/
 Cv 2.0 (Kv 29.3)
 NAMUR/ Cv 1.6 (Kv 23.5)

Construction: Fluorocarbon packed balanced spool design requiring minimal force independent of controlled pressure for actuation.
 316 Stainless steel

Sealing: Bubbletight
Service: Pneumatic- to 150 psi (10 bar)
Actuation: Solenoid
 Pilot
 Latching



Bulletin: C316S



Bulletin: C316NE



SERIES V316 VALVES

Function: Three-Way 3/2, 3/3
 Four-Way 5/2, 5/3
 Selector 3/2, 3/3
 Diverter 3/2, 3/3

Style: Side-ported

Sizes: 1/4" NPT = 3/8" (9,5 mm)/Cv 1.8 (Kv 26)
 3/8" NPT = 3/8" (9,5 mm)/Cv 2.0 (Kv 29)
 1/2" NPT = 5/8" (16 mm)/Cv 5.5 (Kv 80)

Construction: O ring packed balanced spool design requires minimal force independent of controlled - pressure for actuation; bubbletight sealing.

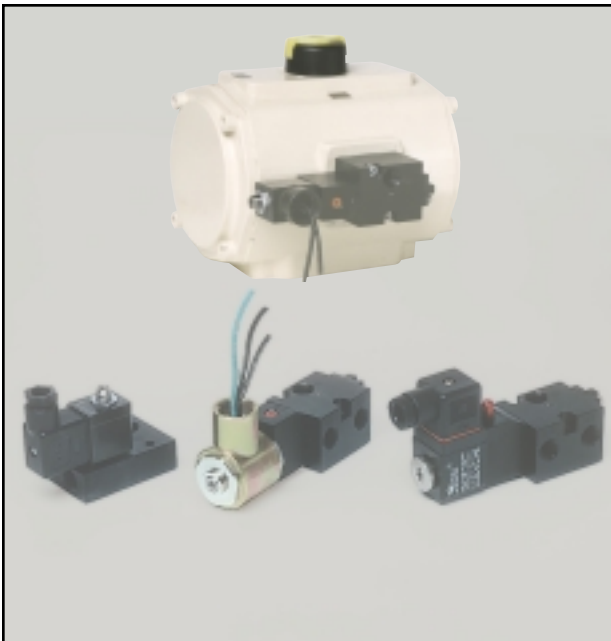
Service: Pneumatic- vacuum to 200 psi (14 bar)

Designed for corrosive atmospheres and aggressive media. Materials meet NACE Specification MR-01-75.
 Full flow design 316 Stainless steel
 O ring seals-FKM (fluorocarbon) per ASTM D-1418/ISO 1629

Actuation:
 Solenoid/pilot Remote pressure pilot
 Solenoid/pilot for hazardous Remote pressure air
 locations latch pilot
 Solenoid/pilot for low watt Manual
 hazardous locations Manual-latching
 Solenoid/pilot for low watt service

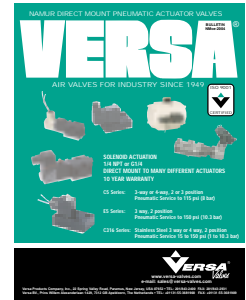


Bulletin: V316

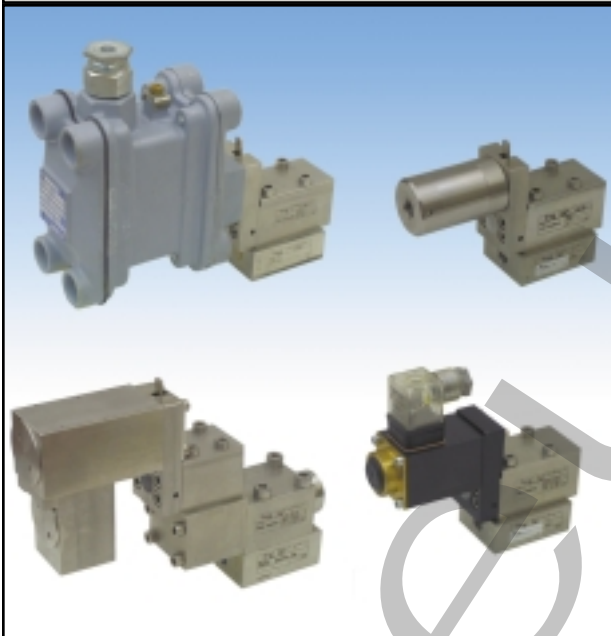


VALVES FOR PNEUMATIC ACTUATORS

Function: E5: Three-Way - - - - - 1/4" NPT or G1/4 = 3/64" (1,2 mm) nominal/Cv 0.08 (Kv1.2)
 C5: Three-Way 3/2, 3/3-1/4" NPT or G1/4 = 0.197" (5 mm)/Cv0.75 (Kv11)
 C5: Four-Way 5/2, 5/3-- 1/4" NPT or G1/4 = 0.197" (5 mm)/Cv0.75 (Kv11)
Style: Direct mount
Construction: E5 & C5: anodized aluminum body & plunger, stainless steel solenoid parts.
 E5 Seals: NBR (nitrile); poppet
 C5 Seals: FKM (fluorocarbon); balanced spool
Actuation: E5: direct solenoid; C5: solenoid/pilot
Service: Pneumatic-E5: 0-150 psi (10.3 bar)
 C5: 10-115 psi (0.7 to 8 bar)



Bulletin: NMce



SERIES H VALVES

Function: Two-Way 2/2
 Three-Way 3/2
Sizes: 1/4" to 1" NPT
 or G
Flow: Up to Cv 1.9/ 10.5 GPM
 (Kv 27.8/ 40 L/Min.)
Style: Manifold mounting

Construction: Stainless steel (or aluminum) components utilizing a ceramic design assuring positive sealing and long life.

Sealing: Bubbletight
Service: Pneumatic- to 3600 psi (245 bar)
 Hydraulic- to 10,000 psi (680 bar)
Actuation: Solenoid
 Pilot
 Latching



Bulletin: H-Tech



ACCESSORIES

Function:
 Bleed Control Valves
 Bleed Valves
 Dust Excluders
 Electrical Quick Exhaust Valves
 Foot Guards
 Quick Exhaust Valves
 Shuttle Valves
 Status Indicators



Bulletin: ACC