



valveIT[®]

Via Caduti di Reggio Emilia 27, 40033
Casalecchio di Reno (BO)
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info@valveit.com



Signature Line



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• VIT-ID •



- Type: Centric Butterfly Valve
- Standard Pressure Rating: PN 10/16 - ANSI 150
- Standard Diameter Range: DN 50 - DN 2000
- Connection: Wafer / Lug / Double Flanged
- Operation: Handlever / Manual Gearbox / Pneumatic Actuator / Electric Motor

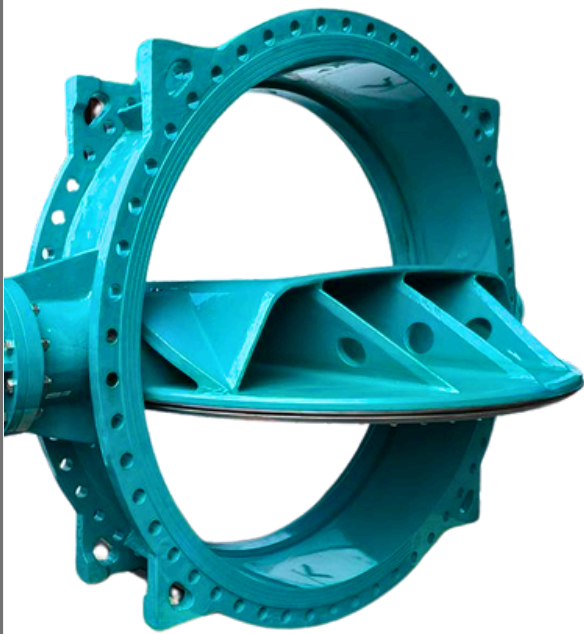
• Other Valve Material/Pressure Rating Standard/Diameter/Connection available on request

Part	Material Standard
Body	Cast Iron EN-GJL-250 Ductile Iron EN-GJS-400-15 Ductile Iron EN-GJS-500-7
Shaft	Stainless Steel EN 1.4021 / AISI 420
Disc	Cast Iron EN-GJL-250 Ductile Iron EN-GJS-400-15 Ductile Iron EN-GJS-500-7 Stainless Steel EN 1.4408 / AISI 316 / ASTM A351 CF8M Stainless Steel EN 1.4406 / AISI 316L / ASTM A351 CF3M Alu-Bronze ASTM B148 C95800 / G-Cu Al 10 Ni
Seat	EPDM (Potable Water / High Temperature on request) NBR VITON



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• VIT-DFS •



- Type: Double Eccentric Butterfly Valve
- Standard Pressure Rating: PN 10/16/25/40
- Standard Diameter Range: DN 150 - DN 2300
- Connection: Flanged FF (Standard) / RF (On Request)
- Operation: Handlever / Manual Gearbox / Pneumatic Actuator / Electric Motor

• Other Valve Material/Pressure Rating Standard/Diameter/Connection available on request

Part	Material Standard
Body	Ductile Iron EN-GJS-400-15 Ductile Iron EN-GJS-500-7
Shaft	Stainless Steel EN 1.4021 / AISI 420
Disc	Ductile Iron EN-GJS-400-15 Ductile Iron EN-GJS-500-7
Disc Seat	EPDM NBR



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• VIT-TFS •



- Type: Triple Eccentric Butterfly Valve
- Standard Pressure Rating: ANSI 150/300/600
- Standard Diameter Range: DN 50 - DN 300
- Connection: Wafer (Standard) / Lug (On Request)
- Operation: Manual Gearbox / Pneumatic Actuator / Electric Motor

• Other Valve Material/Pressure Rating Standard/Diameter/Connection available on request

Part	Material Standard
Body	Stainless Steel ASTM A351 CF8M Duplex Stainless Steel ASTM A995 4A Super Duplex Stainless Steel ASTM A995 5A
Shaft	Stainless Steel 17-4PH Duplex Stainless Steel ASTM A182 F51 Super Duplex Stainless Steel ASTM A182 F53
Disc	Stainless Steel ASTM A351 CF8M Duplex Stainless Steel ASTM A994 4A Super Duplex Stainless Steel ASTM A995 5A
Disc Seat	PTFE



Signature Line

• VIT-ARV •



- Type: Air Vent Valve
- Standard Pressure Rating: ANSI 150/300
- Standard Diameter Range: DN 25 - DN 300
- Connection: Flanged FF (Standard)
- Operation: Automatic
- Accessories: Conveying Outlet Pipe

• Other Valve Material/Pressure Rating Standard/Diameter/Connection available on request

Part	Material Standard
Body	Stainless Steel ASTM A351 CF3M Stainless Steel ASTM A351 CF8M Duplex Stainless Steel ASTM A995 4A Super Duplex Stainless Steel ASTM A995 5A
Bonnet	Stainless Steel ASTM A351 CF3M Stainless Steel ASTM A351 CF8M Duplex Stainless Steel ASTM A995 4A Super Duplex Stainless Steel ASTM A995 5A
Ball	Stainless Steel ASTM A182 F316L Stainless Steel ASTM A182 F316 Duplex Stainless Steel UNS 31803 Super Duplex Stainless Steel UNS 32750
Seal	Viton



Signature Line

•VIT-SFST•



- Type: Pressure Safety Valve with Nozzle & Easing Gear
- Standard Pressure Rating: ANSI 150/300
- Standard Diameter Range: DN 25 - DN 250
- Connection: Outlet Flanged RF (Standard) / FF (On Request)
- Operation: Automatic (Spring)

• Other Valve Material/Pressure Rating Standard/Diameter/Connection available on request

Part	Material Standard
Body	Stainless Steel ASTM A351CF8M Duplex Stainless Steel ASTM A995 4A Stainless Steel ASTM A995 5A Carbon Steel ASTM A216 WCB
Nozzle	Stainless Steel ASTM A182 F316 + Stellite Duplex Stainless Steel ASTM A182 F51 Super Duplex Stainless Steel ASTM A182 F53 Stainless Steel ASTM A182 F316L + Stellite
Plug	Stainless Steel ASTM A182 F316 + Stellite Duplex Stainless Steel ASTM A182 F51 Super Duplex Stainless Steel ASTM A182 F53 Stainless Steel ASTM A182 F316 + Stellite
Spring	150CrVA + PTFE



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• VIT-GLB •



- Type: Globe Valve
- Standard Pressure Rating: PN10/16 - ANSI 150/300/600
- Standard Diameter Range: DN 25 - DN 300
- Connection: Flanged RF (Standard) / FF (On Request)
- Operation: Handwheel (VIT-GLB) / Piston Pneumatic Actuator (VIT-GLBCTR) / Electric Motor (VIT-GLBCTR)
- Accessories: 4-20 mA Positioner (Other Type On Request) - Air Filter Regulator - Stainless Steel Tubings & Fittings

• Other Valve Material/Pressure Rating Standard/Diameter/Connection available on request

Part	Material Standard
Body	Stainless Steel ASTM A351 CF8M Duplex Stainless Steel ASTM A995 4A Super Duplex Stainless Steel ASTM A995 5A
Shaft	Stainless Steel ASTM A182 F316 Duplex Stainless Steel ASTM A182 F51 Super Duplex Stainless Steel ASTM A182 F53
Plug	Stainless Steel ASTM A182 F316 Duplex Stainless Steel ASTM A182 F51 Super Duplex Stainless Steel ASTM A182 F53
Seat	Stainless Steel ASTM A182 F316 Duplex Stainless Steel ASTM A182 F51 Super Duplex Stainless Steel ASTM A182 F53



Signature Line

• VIT-BLV •



- Type: Two Pieces Ball Valve
- Standard Pressure Rating: ANSI 150/300/600 - PN10/16
- Standard Diameter Range: DN 25 - DN 600
- Connection: Flanged RF (Standard) / FF (On Request) - Threaded BSP / NPT - Socket Weld
- Operation: Handlever / Manual Gearbox / Pneumatic Actuator / Electric Motor

• Other Valve Material/Pressure Rating Standard/Diameter/Connection available on request

Part	Material Standard
Body	Stainless Steel ASTM A351 CF8M Carbon Steel ASTM A216 WCB Duplex Stainless Steel ASTM A995 4A Super Duplex Stainless Steel ASTM A995 5A Brass EN CW617N Bronze EN CC491K
Shaft	Stainless Steel ASTM A479 - 316 Stainless Steel ASTM A479 - 304 Duplex Stainless Steel ASTM A182 F51 Super Duplex Stainless Steel ASTM A182 F53 Brass EN CW617N
Ball	Stainless Steel ASTM A351 CF8M Stainless Steel ASTM A351 CF8 Duplex Stainless Steel ASTM A182 F51 Super Duplex Stainless Steel ASTM A182 F53 Brass EN CW617N
Seat	PTFE



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• VIT-PRN •



- Type: Plunger Valve
- Standard Pressure Rating: PN 10/16/25/40
- Standard Diameter Range: DN 80 - DN 1600
- Connection: Flanged FF (Standard) / RF (On Request)
- Operation: Manual Gearbox / Pneumatic Actuator / Electric Motor
- Accessories: Anti-Cavitation Cage

• Other Valve Material/Pressure Rating Standard/Diameter/Connection available on request

Part	Material Standard
Body	Ductile Iron EN GJS-500-7
Shaft	Stainless Steel EN 1.4021 / AISI 420
Plug	Stainless Steel AISI 304 Stainless Steel AISI 316 Duplex Stainless Steel ASTM A182 F51
Disc Seat	Stainless Steel AISI 304 Stainless Steel AISI 316 Duplex Stainless Steel ASTM A182 F51



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• VIT-GDN •



- Type: Non-Rising Stem Gate Valve
- Standard Pressure Rating: PN 10/16 - ANSI 150
- Standard Diameter Range: DN 50 - DN 1000
- Connection: Flanged RF (Standard) / FF (On Request) - Threaded BSP / NPT
- Operation: Handlever / Manual Gearbox / Electric Motor

• Other Valve Material/Pressure Rating Standard/Diameter/Connection available on request

Part	Material Standard
Body	Ductile Iron EN-GJS-400-15 Ductile Iron EN-GJS-500-7 Brass EN CW617N Bronze EN CC491K
Shaft	Stainless Steel EN 1.4021 / AISI 420 / X20Cr13 Brass CW614N
Gate	Ductile Iron EN-GJS-400-15 + EPDM / NBR Cover Ductile Iron EN-GJS-500-7 + EPDM / NBR Cover Brass EN CW617N Bronze EN CC491K
Seat	Metal Bronze EN CC491K Brass EN CW617N Bronze EN CC491K



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• VIT-GDR •



- Type: Rising Stem Gate Valve
- Standard Pressure Rating: PN 10/16 - ANSI 150
- Standard Diameter Range: DN 50 - DN 300
- Connection: Flanged RF (Standard) / FF (On Request)
- Operation: Handlever / Manual Gearbox / Electric Motor

• Other Valve Material/Pressure Rating Standard/Diameter/Connection available on request

Part	Material Standard
Body	Ductile Iron EN-GJS-400-15 Ductile Iron EN-GJS-500-7
Shaft	Stainless Steel EN 1.4021 / AISI 420 / X20Cr13
Gate	Ductile Iron EN-GJS-400-15 + EPDM / NBR Cover Ductile Iron EN-GJS-500-7 + EPDM / NBR Cover
Seat	Metal Bronze EN CC491K



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• VIT-WCC •



- Type: Dual Plate Check Valve
- Standard Pressure Rating: PN 10/16 - ANSI 150/300/600
- Standard Diameter Range: DN 50 - DN 600
- Connection: Wafer
- Operation: Automatic (Spring)
- Other Valve Material/Pressure Rating Standard/Diameter/Connection available on request

Part	Material Standard
Body	Ductile Iron EN-GJS-400-15 Carbon Steel ASTM A216 WCB Stainless Steel ASTM A351 CF8M Duplex Stainless Steel ASTM A995 4A Super Duplex Stainless Steel ASTM A995 5A
Shaft	Stainless Steel EN 1.4021 / AISI 420 / X20Cr13 Stainless Steel AISI 316 Duplex Stainless Steel ASTM A182 F51 Super Duplex Stainless Steel ASTM A182 F53
Disc	Ductile Iron EN-GJS-400-15 Carbon Steel ASTM A216 WCB Stainless Steel ASTM A351 CF8M Duplex Stainless Steel ASTM A995 4A Super Duplex Stainless Steel ASTM A995 5A
Disc Seat	EPDM / NBR Carbon Steel ASTM A216 WCB Stainless Steel ASTM A182 CF8M Duplex Stainless Steel ASTM A995 4A Super Duplex Stainless Steel ASTM A995 5A



Signature Line

• VIT-SCC •



- Type: Swing Check Valve
- Standard Pressure Rating: PN 10/16 - ANSI 150
- Standard Diameter Range: DN 50 - DN 600
- Connection: Flanged RF (Standard) / FF (On Request) - Threaded BSP / NPT - Socket Weld
- Operation: Automatic - Counterweight

• Other Valve Material/Pressure Rating Standard/Diameter/Connection available on request

Part	Material Standard
Body	Cast Iron EN-GJL-250 Ductile Iron EN-GJS-400-15 Carbon Steel ASTM A216 WCB Stainless Steel ASTM A351 CF8M Brass EN CW617N Bronze EN CW491K
Bonnet	Ductile Iron EN-GJS-400-15 Carbon Steel ASTM A216 WCB Stainless Steel ASTM A351 CF8M
Disc	Cast Iron EN-GJL-250 Ductile Iron EN-GJS-400-15 Carbon Steel ASTM A216 WCB Stainless Steel ASTM A351 CF8M Brass EN CW617N
Disc Seat	Metal EPDM / NBR Bronze EN CC491K Carbon Steel ASTM A216 WCB Stainless Steel ASTM A351 CF8M



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• VIT-YDS •



- Type: Y Type Strainers Valve
- Standard Pressure Rating: PN 10/16/25
- Standard Diameter Range: DN 80 - DN 600
- Connection: Flanged RF (Standard) / FF (On Request)
- Operation: Automatic

• Other Valve Material/Pressure Rating Standard/Diameter/Connection available on request



Part	Material Standard
Body	Ductile Iron EN GJS-400-7 Stainless Steel ASTM A351 CF8M Bronze EN CC491K Brass EN CW617N
Bonnet	Ductile Iron EN GJS-400-7 Stainless Steel ASTM A351 CF8M Bronze EN CC491K Brass EN CW617N
Screen	Stainless Steel AISI 304 Stainless Steel AISI 316
Gasket	Asbestos Free Graphite PTFE



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• VIT-DBR •



- Type: Balancing Valve
- Standard Pressure Rating: PN 16
- Standard Diameter Range: DN 40 - DN 300
- Connection: Flanged RF (Standard) / FF (On Request) - Threaded BSP
- Operation: Handwheel

• Other Valve Material/Pressure Rating Standard/Diameter/Connection available on request



Part	Material Standard
Body	Cast Iron EN-GJL-250 Ductile Iron EN-GJS-400-18-LT Brass EN CW617N Bronze EN CC491K
Shaft	Brass EN CW602N
Plug	PPS Ductile Iron EN-GJS-400-18-LT + EN CC491K Brass EN CW602N
O-ring	EPDM NBR



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