



**EBSON Fluid Control Industrial Co., Ltd**

## Company introduction:

EBSON Fluid Control Industrial Co. , ltd is the world's best-known manufacturer of valves. EBSON groups in Europe ,America andTaiwan has its own production base, subsidiaries and representative offices and a worldwide distribution network. Group's products with excellent quality and perfect after-sales service to win customers favor, is widely used in textiles, power plants, petrochemical , heating and cooling, pharmaceuti-cals, shipbuilding, metallurgy, light industry, environmental protection and other fields. EBSON Group, based on today, look to the future, as always with the user, design and engineering units to maintain a long-term close partnership relentless search for technological innovation, and constantly develop new products.

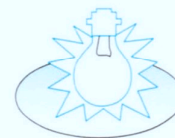
## Applying:



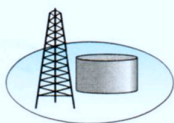
Chemicals



Paper Pulp, Paper Making & textile



Electricity Generation



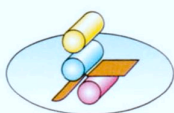
Petrochemical & Natural Gas



Pharmaceutical



HVAC System



Paint & Coating



Food & Beverage



Material Handling



Daily Chemicals



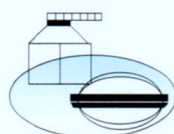
Water Treatment



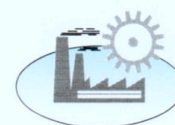
Ship Building & Marine



Metallurgical



Waste-water Treatment



Others

**FIRE SAFE,HIGH PERFORMANCE,FLANGED END BALL VALVES**

**VL-800 (Fire Safe)Mounting Pad**

- 1/2" to 4" ,Full Port,Floating Ball Type
- 2-PC Spllt Body Design
- **Fire Safe** Approved Per API 607 5<sup>th</sup> Ed, ISO 10497
- ISO 5211 Mounting Pad
- Body:CF8M/CF8/Alloy20/WCB
- Seats:**TFM 1600**/PTFE/RTFE/EK+PTFE/PEEK
- ASME 150" ,300" ,600" ,PN10~100,JIS10K,20K,40K
- **TA-LUFT** Approved



**VL-800H (Fire Safe)Direct Mount**

- 1/2" to 8" ,Full Port,Floating Ball Type
- 2-PC Spllt Body Design
- **Fire Safe** Approved Per API 607 5<sup>th</sup> Ed, ISO 10497
- ISO 5211 **Direct Mounting Pad**
- Body:CF8M/CF8/Alloy20/WCB
- Seats:**TFM 1600**/PTFE/RTFE/EK+PTFE/PEEK
- ASME 150" ,300" ,600" ,PN10~100,JIS10K,20K,40K
- **TA-LUFT** Approved



**FIRE SAFE,WAFER TYPE BALL VALVES**

**VL-140F 1-PC Body**

- 1/2" to 6" ,Full Port,Floating Ball Type
- 1-PC Spllt Wafer Type
- Fire Safe Approved Per API 607 5<sup>th</sup> Ed, ISO 10497
- ISO 5211 Mounting Pad
- Body:CF8M/CF8/Alloy20/WCB
- Seats:**TFM 1600**/PTFE/RTFE
- ASME 150" ,PN10~40
- **TA-LUFT** Approved



**SANITARY TYPE VALVES**

**VL - 500 3-PC Body,Ball Valve**

- 1/2" to 4" ,400WOG
- ISO 5211 **Direct Mounting Pad**
- Tube O.D.Full Port
- Cavity Filled Seat Design
- Body:CF3M/CF8M/CF8
- Seats:**TFM 1600**/PTFE
- Ends:Clamp,Threads,BW
- **TA-LUFT** Approved



**MULTI-WAY BALL VALVES**

**3&4 Way,Flanged End,Direct Mount  
VL-Z316F**

- 1/2" to 4" ,Full Port,Floating Ball Type
- Floating Ball,L.T.LL(X)-Port
- 4 Seats Design
- ISO 5211 **Direct Mounting Pad**
- Body:CF8M/CF8/Alloy20/WCB
- Seats:**TFM 1600**/PTFE/RTFE
- ASME 150" ,300" ,PN10~40
- Thread,BW,SW Ends are Available
- **TA-LUFT** Approved



**3-Way,1000WOG,Thread End,Direct Mount  
VL-321**

- 1/2" to 2" ,Reduced Port,Floating Ball Type
- Floating Ball,L.T-Port
- 4 Seats Design
- ISO 5211 **Direct Mounting Pad**
- Body:CF8M/CF8/Alloy20/WCB
- Seats:**TFM 1600**/PTFE/RTFE
- **TA-LUFT** Approved



**TOP ENTRY BALL VALVES**

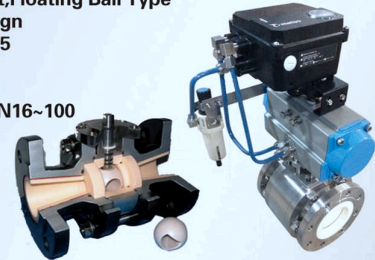
**EPV - 800 Plug Valve**

- 1/2" to 20"
- Body: WCB, CF8, CF8M & CN7M, ETC.
- Plug Material: CA15, CF8, CF8M & CN7M ETC.
- Sleeve PTFE/RTFE/PEEK
- Seat ring: PTFE/RTFE
- ASME 150", 900", PN16~100



**CBV - 800/900 Flanged End**

- 1/2" to 10" ,Full Port,Floating Ball Type
- 3-PC Split Body Design
- Body: CF8M/CF8/A105
- Seats: Al<sub>2</sub>O<sub>3</sub>/ZrO<sub>2</sub>
- Ends: Flanged
- ASME 150" ,900" ,PN16~100



**BALL VALVES & KNIFE GATE VALVE**

**EPV - 800PFA Plug Valve**

- 1/2" to 12"
- Body: Ductile Iron Lined
- Plug : CF8 or CF8M PFA Lined
- Body & Plug Lining : PFA, PTFE FEP ETC.
- Seat & Seal: PTFE
- End Connection: Flanged



**EKGV Knife Gate Valve**

- 2" to 24"
- Body: CF3M/CF8M/CF8/WCB
- Plate: SS304/SS316/SS316L
- Seats: TEFLON/METAL/VITON/EPDM
- JIS 10K ANSI 150# DIN PN10PN16
- Gland Packing: NON-ASB+PTFE/ASB/ASB+PTFE/TEFLON/NON ASBESTOS



**VL - 800PFA Ball Valve**

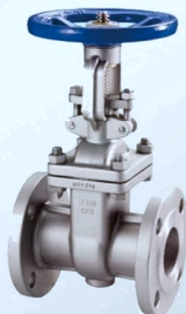
- 1/2" to 10"
- Body: DI, WCB, CF8, CF8M, ETC.
- Ball Material (Integral Stem): 17-4PH
- Body & Ball Lining: PFA / FEP
- Seat & Seal: PTFE
- End Connection: Flanged



**150" ~900" (PN16-150) GATE, GLOBE & CHECK, VALVES**

**EGV - 600 Gate Valve**

- 1/2" to 24"
- Body: CF8M/CF8/Alloy20/WCB/WC6/WC9/C5
- Ends: Flanged ASME B16.5 EN1092
- OS&Y, Bolted Bonnet
- Rising Stem & Non-rising Handwheel
- Rating: ASME 150" ~900" PN 16~150



**ELV - 600 Globe Valve**

- 1/2" to 12"
- Body: CF8M/CF8/Alloy20/WCB/C5/WC6/WC9
- Ends: Flanged ASME B16.5 EN1092
- OS&Y, Bolted Bonnet
- Rising Stem & Handwheel
- Rating: ASME 150" ~900" PN 16~150



**ECV - 600 Swing Check Valve**

- 1/2" to 24"
- Body: CF8M/CF8/Alloy20/WCB/WC6/WC9/C5
- Ends: Flanged ASME B16.5 EN1092
- Bolted Cover
- Rising : ASME 150" ~900" PN 16~150



**CONTROL VALVE**

**VC-8000 Pneumatic Diaphragm Single Seated Control Valve**

- Nominal Diameter:DN 15~200(1/2" ~8" )
- Nominal Pressure:PN1.6/4.0/6.4/10.0 MPa  
ANSI 150" ,300" ,600"  
JIS 10K,20K,40K
- Body Material:CF8/CF8M/Alloy 20/WCB/Special Material
- Plug Material:SUS304/SUS316/STL



**VC-8000 Pneumatic Diaphragm Cage Double-Seated Control Valve**

- Nominal Diameter:DN 15~200(1/2" ~8" )
- Nominal Pressure:PN1.6/4.0/6.4/10.0 MPa  
ANSI 150" ,300" ,600"  
JIS 10K,20K,40K
- Body Material:CF8/CF8M/Alloy 20/WCB/Special Material
- Plug Material:CF8/CF8M/17-4PH



**BUTTERFLY VALVE**

**VB Series Three-eccentric Multiple Layers Metallic Hard Sealing Butterfly Valve**

- 2" to 80" ,PN 0.6~4 MPa
- Body & Disc:Cast Steel,Stainless,CrMo Steel,Alloy Steel
- Seal Ring:Stainless Steel+Graphite Multi-layers
- Ends:Flange,Wafer



**VB-1000 IMV-Intemationa Multiple Purpose Valve**

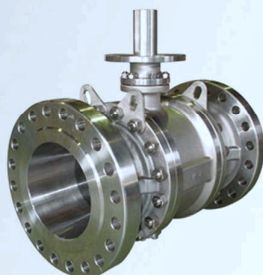
- 2" to 12" ,ANSI 125" /150" ,PN 10~16,JIS 10K/16K
- Body :Cast Iron
- Seal :EPDM
- Operator:Lever,Gear,Electric Motor,Pneumatic Actuator



**METAL SEATED BALL VALVE**

**VL-900 Trunnion-mounted Ball Valve**

- 2" to 16" ,Class 150" ~600"
- Body :F304/F316/F304L/F316L/Alloy 20/WCB/LCB
- Seal :PEEK,PTFE,RTFE,Metal-Graphite,Integral Metal+STL



**VY-900 Series Metal Seated Ball Valves**

- 2" to 16" ,ASME 150" /300" ,JIS 10K/20K,DIN PN 10~40
- Body :CF8/CF8M/CF3/CF3M/Alloy 20/WCB/LCB
- Ball:Tungsten Carbide Coating/Chromium Carbide Coating  
ENP/80Ni/20Cr/Nickel Alloys/Stellite 6"
- Seat:Tungsten Carbide Coating/Stellite 6"
- Operator:Bare Stem,Wrench,Gear,Actuator



**ECONOMICAL TYPE 1000WOG BALL VALVES**
**VL-201 1-PC Body**

- 1-PC Body, Ball Valve
- 1/4" to 2" , Reduced Port
- Body:CF8M/CF8/WCB
- Seats:PTFE/RTFE
- Ends:BSP, BSPT, NPT


**VL-500 3-PC Body**

- 3-PC Body, Ball Valve
- 1/4" to 3" , Full Port
- Body:CF8M/CF8/WCB
- Seats:PTFE/RTFE
- Ends:Threads, BW, SW


**VL-400 2-PC Body**

- 2-PC Body, Ball Valve
- 1/4" to 3" , Full Port
- Body:CF8M/CF8/WCB
- Seats:PTFE/RTFE
- Ends:BSP, BSPT, NPT


**HIGH PERFORMANCE TYPE 1000~2000WOG BALL VALVES**
**3-PC Body, 1000WOG, Direct Mount  
VL-500H**

- ISO 5211 **Direct Mounting Pad**
- 1/4" to 4" ,Full port
- Boday:CF8M/CF8/WCB
- Seats: **TFM 1600**/PTFE/RTFE
- Ends:Threads,BW,SW,FLG
- **TA-LUFT** Approved


**3-PC Body, 1000WOG  
VL-500**

- ISO 5211 Mounting Pad
- 1/4" to 3" ,Full Port
- Boday:CF8M/CF8/WCB
- Seats: **TFM 1600**/PTFE/RTFE
- Ends:Threads,BW,SW,FLG
- **TA-LUFT** Approved


**3-PC Body, 2000WOG  
VL-520**

- ISO 5211 Mounting Pad
- 1/4" to 2" ,Full Port
- Boday:CF8M/CF8/WCB
- Seats: **TFM 1600/EK**+PTFE/PEEK
- Ends:Threads,BW,SW,FLG
- TA-LUFT** Approved


**2-PC Body, 2000WOG,Direct Mount  
VL-420**

- ISO 5211 **Direct Mounting Pad**
- 1/4" to 3" ,Full port
- Boday:CF8M/CF8/WCB
- Seats: **TFM 1600**/PTFE/RTFE
- Ends:BSP,BSPT,NTP
- TA-LUFT** Approved



**800# FORGED STEEL GATE, GLOBE & CHECK VALVES**

▪ 1/2" to 2" ,Class 800(2000 WOG)

▪ Body:F304/F316/A105/F5/F11/F22

▪ Ends:SW/Threads

▪ Bolted Bonnet/Cover



**EC-800, Check Valve**



**EL-800, Globe Valve**



**EG-800, Gate Valve**



**ACTUATORS & ACCESSORIES TO MEET YOUR AUTOMATION REQUIREMENTS**

**Pneumatic Actuators**

- Double-acting or Spring-return
- Output Torque 14 to 1170 NM
- ISO/NAMUT Connections
- Aluminum Alloy Body
- Epoxy Coated end Caps
- Easy External Bi-directional Travel Stop Adjustments
- Extended Life Cycle Guaranteed



**Limit Switches**

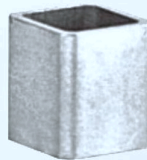


**Solenoid Valves**

- High Switch Reliability
- NAMUR Interface
- Operating Temperature:5~60°C
- Operating Pressure:21~115PSI
- Pressure Resistance:170PSI
- Col Encloure:NEMA4,4X,7,IP65 (DIN41050)ALL Coil are CE Approved
- Coil Voltage:DC 24V( ± 10%)
- AC110~220v,50/60Hz
- Explosion-proof Construction are Available



**Reducers**



**Stem Adapter**



**Electric Power Actuators**

- ISO 5211 Mounting with Square Female Output Shafts
- NEMA 4 Construction
- 110/220V AC,380/440V AC,12/24VDC
- Output Torque 8 to 300 NM
- Standard Manual Over-ride
- Standard Position Indicator
- AA Nylon Body(Aluminum Alloy are Available)



**Brackets**



# Your No.1 Choice A Valve Pro-Manufacturer



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