

# Valves



## Ball Valves

- End Type:**
1. Thread End: BSPT, NPT, DIN259, DIN2999
  2. Socket Weld End
  3. Butt Weld End
- Materials:**
- ASTM A351-CF8M (DIN 1.4408) Stainless Steel
  - ASTM A351-CF8 (DIN 1.4308) Stainless Steel
  - ASTM A216-WCB (DIN 1.0619) Carbon Steel
- Features:**
1. For chemical and industrial applications.
  2. High quality investment casting body.
  3. Pressure temperature rating: 1000WOG (PN63)/450 deg. °F.
  4. 15% reinforced glassfibre Teflon seats.
  5. Blow-out proof stem SS 316.
  6. 100% tested air - under water at 100WOG (6 bar) open & close position.
- Options:** Padlocking device, butterfly & oval handle, 25% glassfibre R-PTFE seats, and fire-safe.



**VBR1**  
**1PC Ball Valve 1000WOG, Reduce Port**  
**Size: 1/4"- 2"**



**VBA1**  
**1PC Ball Valve Bar-Stock 1000WOG, Reduce Port, Round Bar**  
**Size: 1/4"- 2"**



**VBM1**  
**1PC Ball Valve Hex Bar 1000WOG, Reduce Port**  
**Size: 1/4"- 2"**



**VBV1**  
**1PC Ball Valve 1500WOG/ 2000WOG, Reduce Port**  
**Size: 1/4"- 1"(2000WOG), 1-1/4"- 2"(1500WOG)**



**VBB1**  
**1PC Ball Valve 1000WOG, Reduce Port, Butterfly Handle, Male x Female**  
**Size: 1/4"- 3/4"**



**VBR1D**  
**1PC Ball Valve 800WOG, Reducer Port, Direct Mount**  
**Size: 1/4"- 2"**

# VALVES

WELLGROW INDUSTRIES CORP.



**VBM2C**  
2PC Ball Valve 1000WOG, Full Port  
Size: 1/4" - 3"



**VBR2**  
2PC Ball Valve 1/4"~ 1" 2000WOG, 1-1/4"~ 2" 1500WOG, STD Port with 15%  
Glassfibre Reinforced Teflon Seat  
Size: 1"~ 4" (2000WOG) 1-1/4"~ 2" (1500WOG)



**VBM2D**  
2PC Ball Valve 1000WOG, Full Port, ISO 5211 Direct Mount  
Size: 1/4" - 2"



**VBM2H**  
2PC Ball Valve 3000WOG, Full Port  
Size: 1/4" - 2"



**VBM3**  
3PC Ball Valve 1000WOG, 800WOG, Full Port. Screwed  
Size: 1/4" - 4"(1000WOG), 2-1/2"~4"(800WOG)



**VBM3B**  
3PC Ball Valve 1000WOG, 800WOG, Full Port. Butt-Weld  
Size: 1/4" - 4"(1000WOG), 2-1/2"~4"(800WOG)



**VBM3S**  
3PC Ball Valve 1000WOG, 800WOG, Full Port. Socket-Weld  
Size: 1/4" - 4"(1000WOG), 2-1/2"~4"(800WOG)



**VBM3M**  
3PC Ball Valve 1000WOG, Full Port, Mounting Pad. Screwed  
Size: 1/4" - 4"



**VBM3MB**  
3PC Ball Valve 1000WOG, Full Port, Mounting Pad. Butt-Weld  
Size: 1/4" - 4"



**VBM3MS**  
3PC Ball Valve 1000WOG, Full Port, Mounting Pad. Socket-Weld  
Size: 1/4" - 4"

# VALVES

WELLGROW INDUSTRIES CORP.



**M3L**  
3PC Ball Valve 1000WOG, Full Port, Long Butt Weld End  
Size: 1/4" - 4"



**VBM3E**  
3PC Ball Valve 1/2"~1-1/4" 2000WOG, 1-1/2"~2-1/2" 1500 WOG, 3"~4"  
1000WOG, Threaded End, ISO5211, Direct Mount, STD Port  
Size: 1/2" - 1-1/4" (2000WOG), 1-1/2" - 2-1/2" (1000WOG), 3" - 4" (1000WOG)



**VBM3F**  
3PC Ball Valve 2000WOG, Direct Mount, Full Port. Screwed  
Size: 1/4" - 1" (2000WOG), 1-1/4" - 2-1/2" (1000WOG), 3" - 4" (1000WOG)



**VBM3FS**  
3PC Ball Valve 2000WOG, Direct Mount, Full Port. Socket Weld  
Size: 1/4" - 1" (2000WOG), 1-1/4" - 2-1/2" (1000WOG), 3" - 4" (1000WOG)



**VBM3D**  
3PC Ball Valve 1000/ 800WOG, Full Port, Bolted/ Direct Mount. Screwed  
Size: 1/4" - 2" (1000WOG), 2-1/2" - 4" (800WOG)



**VBM3DB**  
3PC Ball Valve 1000/ 800WOG, Full Port, Bolted/ Direct Mount. Butt-Weld  
Size: 1/4" - 2" (1000WOG), 2-1/2" - 4" (800WOG)



**VBM3DS**  
3PC Ball Valve 1000/ 800WOG, Full Port, Bolted/ Direct Mount. Socket Weld  
Size: 1/4" - 2" (1000WOG), 2-1/2" - 4" (800WOG)



**VBM3H**  
3PC Sanitary Ball Valve 1000WOG. Butt-Weld  
Size: 1/2" - 4"



**VBM3H**  
3PC Sanitary Ball Valve 1000WOG. Clamp End  
Size: 1/2" - 4"



**M3HSB**  
3PC Sanitary Ball Valve 1000WOG Mounting Pad. Butt-Weld  
Size: 1/2" - 4"

# VALVES

WELLGROW INDUSTRIES CORP.



**M3HS**

**3PC Sanitary Ball Valve 1000WOG Mounting Pad. Clamp End**

**Size: 1/2"- 4"**



**M3HBD**

**3PC Sanitary Ball Valve 1000WOG. Direct Mount. Butt-Weld**

**Size: 1/2"- 4"**



**M3HCD**

**3PC Sanitary Ball Valve 1000WOG. Direct Mount. Clamp End**

**Size: 1/2"- 4"**



**3W1L**

**3-WAY Ball Valve 1000WOG, Mounting Pad, STD Port. L-PORT**

**Size: 1/4"- 2"**



**3W2L**

**3-WAY Ball Valve 1000WOG, Full Port, Direct Mount. L-PORT**

**Size: 1/2"- 3"**



**3W2T**

**3-WAY Ball Valve 1000WOG, Full Port, Direct Mount. T-PORT**

**Size: 1/2"- 3"**



**3W3L**

**3-WAY Ball Valve 1000WOG, STD Port. L-PORT**

**Size: 1/4"- 2"**



**3W3T**

**3-WAY Ball Valve 1000WOG, STD Port. T-PORT**

**Size: 1/4"- 2"**



**3W3ML**

**3-WAY Ball Valve 1000WOG, STD Port, Mounting Pad. L-PORT**

**Size: 1/4"- 3"**



**3W3MT**

**3-WAY Ball Valve 1000WOG, STD Port, Mounting Pad. T-PORT**

**Size: 1/4"- 3"**

# VALVES

WELLGROW INDUSTRIES CORP.



**3W3DL**

**3-WAY Ball Valve 1000WOG, STD Port, Direct Mount. L-PORT**

**Size: 1/4" - 2"**



**3W3DT**

**3-WAY Ball Valve 1000WOG, STD Port, Direct Mount. T-PORT**

**Size: 1/4" - 2"**



**3W3EL**

**3-WAY Ball Valve 1000WOG, STD Port, Mounting Pad. L-PORT**

**Size: 1/4" - 3"**



**3W3ET**

**3-WAY Ball Valve 1000WOG, STD Port, Mounting Pad. T-PORT**

**Size: 1/4" - 3"**



**4W2XD**

**4-WAY Ball Valve 1000WOG, Full Port, Direct Mount, L-Port/ T-Port/ X-Port**

**Size: 1/2" - 3"**



**4W2X**

**4-WAY Ball Valve 1000WOG, Full Port, Mounting Pad, L-Port/ T-Port/ X-Port**

**Size: 1/2" - 2"**

## Ball Valve Flanged Ends

**Flange Dimension ::** ANSI B16.5 Class 150, Class 300 / DIN2633 PN16 / DIN2635 PN40 / JIS B2239  
10K, 20K

**Materials:** ASTM A351-CF8M (DIN 1.4408) (SCS 14) Stainless Steel  
ASTM A351-CF8 (DIN 1.4308) (SCS 13) Stainless Steel  
ASTM A216-WCB (DIN 1.0619) (SCPH2) Carbon Steel  
FC20 CAST IRON

**Features:**

1. For chemical and industrial applications.
2. Anti - static device, blow-out proof stem, solid ball, lever - operator.
3. Fire safe design, with virgin ( Pure) teflon seats.
4. High quality investment casting body and caps.
5. Design for ISO - 5211 mounting pad for actuator.

**Options:**

1. Special alloy and hollow ball available upon request.
2. Graphite ( Grapfoil ) gasket / stem packing available upon request.
3. Gear operator, actuator operator ( option )
4. Fire-safe.



**W1F**  
**1PC Wafer Ball Valve Full Port, ANSI 150#**  
**Size:1/2"- 4"**



**W1F-16**  
**1PC Wafer Ball Valve Full Port, PN16**  
**Size: DN15- DN150**



**VBF2**  
**2PC Ball Valve Full Port, 150#**  
**Size:1/2"- 14"**



**VBF23**  
**2PC Ball Valve Full Port, 300#**  
**Size:1/2"- 8"**



**VBF2E16**  
**2PC Ball Valve Full Port, PN16**  
**Size:DN15- DN200**

# VALVES

WELLGROW INDUSTRIES CORP.



**VBF2E40**  
2PC Ball Valve Full Port, PN40  
Size: DN15- DN200



**VBF2K10**  
2PC Ball Valve Full Port, JIS 10K  
Size:15- 350



**VBF2K20**  
2PC Ball Valve Full Port, JIS 20K  
Size:15- 200



**VBF2D16**  
2PC Ball Valve Full Port, Direct Mount, PN16  
Size: DN15- DN200



**VBF2D40**  
2PC Ball Valve Full Port, Direct Mount, PN40  
Size: DN15- DN200



**F3E-16**  
3-PC Ball Valve Full Bore Flanged PN16, ISO5211 Direct Mounting Pad  
Size:DN15- DN100



**F3E-40**  
3-PC Ball Valve Full Bore Flanged PN40, ISO5211 Direct Mounting Pad  
Size:DN15- DN100



**3W4FD**  
3-Way Flanged Ball Valve Full Port, 150#  
Size:1/2" - 2"



**3W4F-16**  
3-Way Flanged Ball Valve Full Port, PN16  
Size:DN65-DN100



**3W4F-40**  
3-Way Flanged Ball Valve Full Port, PN40  
Size:DN15-DN50





## Other Valves



**GT-2**  
Gate Valve Class 200, Screwed End.  
Size:1/2"- 2-1/2"



**GB-2**  
Globe Valve Class 200, Screwed End.  
Size:1/4"- 2 "



**CK-2**  
Swing Check Valve Class 600, Screwed End.  
Size:1/4"- 3 "



**W1F**  
Compact(Wafer) Type Flanged Ball Valve 150#  
Size:1/2"- 6"



**W1F16**  
Compact(Wafer) Type Flanged Ball Valve PN16  
Size: DN15- DN150



**W1F-40**  
Compact(Wafer) Type Flanged Ball Valve PN40  
Size:DN15-DN150



**ND-6**  
S.S. Needle Valve, 6000WOG, Reduced Port, Screwed End  
Size:1/8"-1"



**ND-10**  
S.S. Needle Valve, 10000WOG, Reduced Port, Screwed End  
Size:1/8"- 1"



**ND-10**  
A105 Needle Valve, 10000WOG, Reduced Port, Screwed End  
Size:1/8"- 1"



**NDMF-6**  
S.S. Needle Valve, 6000WOG, Reduced Port, Screwed End. Mx F  
Size:1/8"- 1"

# VALVES

WELLGROW INDUSTRIES CORP.



**NDMF-10**  
S.S. Needle Valve, 10000WOG, Reduced Port, Screwed End. MxF  
Size:1/8"- 1"



**ND2**  
Angled Needle Valve 6000#  
Size:1/4"-1"



**NDY**  
Forged Y-Type Needle Valves Class 10000  
Size:1/2"



**SG**  
Sight Glass Screwed  
Size:1/2"- 2"



**WC1**  
Wafer Check Valve PN25/PN40  
Size: DN15- DN200



**WC2**  
SS316 Wafer Check valve 200#(Double Door Type)  
Size:2"-36"



**YG6**  
SS316 Y-Type Globe Valve 600#  
Size:1/4"-2"



**Y-6**  
Y Strainer Class 600, Screwed End.  
Size:1/4"- 3"



**YC-8**  
Y-Spring Check Valve 800#



**GTF-1**  
Gate Valve Flanged End, ANSI 150#, Bolted Bonnet/OS&Y  
Size:1/2"- 12"

# VALVES

WELLGROW INDUSTRIES CORP.



**GTF-3**

**Gate Valve Flanged End, ANSI 300#, Bolted Bonnet/OS&Y  
Size: 1/2" - 12"**



**GTF-10K**

**Gate Valve Flanged End, JIS 10K, Bolted Bonnet/OS&Y  
Size: 15 - 300**



**GTF-20K**

**Gate Valve Flanged End, JIS 20K, Bolted Bonnet/OS&Y  
Size: 15 - 300**



**GTF-16**

**Gate Valve Flanged End, PN 16, Bolted Bonnet/OS&Y  
Size: DN15 - DN300**



**GBF-1**

**Globe Valve Flanged End, ANSI 150 Bolted Bonnet/OS&Y  
Size: 1/2" - 12"**



**GBF-3**

**Globe Valve Flanged End, ANSI 300 Bolted Bonnet/OS&Y  
Size: 1/2" - 10"**



**GBF-10K**

**Globe Valve Flanged End, JIS 10K, Bolted Bonnet/OS&Y  
Size: 15 - 300**



**GBF-20K**

**Globe Valve Flanged End, JIS 20K, Bolted Bonnet/OS&Y  
Size: 15 - 250**



**GBF-16**

**Globe Valve Flanged End, PN 16, Bolted Bonnet/OS&Y  
Size: DN15 - DN300**

# VALVES

WELLGROW INDUSTRIES CORP.



**CKF-1**

**Check Valve Flanged End, ANSI 150, Bolted Cap, Swing Type Disc  
Size:1/2"- 12"**



**CKF-3**

**Check Valve Flanged End, ANSI 300, Bolted Cap, Swing Type Disc  
Size:1/2"- 10"**



**CKF-10K**

**Check Valve Flanged End, JIS 10K, Bolted Cap, Swing Type Disc  
Size:15" 300**



**CKF-20K**

**Check Valve Flanged End, JIS 20K, Bolted Cap, Swing Type Disc  
Size:15- 250**



**CKF-16**

**Check Valve Flanged End, PN 16, Bolted Cap, Swing Type Disc  
Size: DN15- DN300**



**YF-1**

**Y-Type Strainer Flanged 150#  
Size:1/2"- 10"**



**YF-10K**

**Y-Type Strainer Flanged JIS 10K  
Size:15- 250**



**YF-16**

**Y-Type Strainer Flanged PN16  
Size: DN15- DN25**



**SGF-1**

**Sight Glass Flanged ANSI 150#  
Size:1/2"- 4"**



**SGF-10K**

**Sight Glass Flanged JIS 10K  
Size:15- 100**

# VALVES

WELLGROW INDUSTRIES CORP.



**SGF-16**  
**Sight Glass Flanged PN16**  
**Size: DN15- DN100**



**BV1W**  
**Butterfly Valve Wafer Type 150#**  
**Size:2"- 24"**



**BV1W-10K**  
**Butterfly Valve Wafer Type JIS 10K**  
**Size:50- 600**



**BV1W-16**  
**Butterfly Valve Wafer Type PN16**  
**Size: DN50- DN600**