

# TBH SERIES

## True Union Ball Valves

1/4" to 6" / DN8-150 PVC, CPVC



Certified to  
NSF/ANSI 61 & 372

### KEY FEATURES

- Full Port Design
- System2™ Sealing Technology provides longer cycle life, 1/4" - 2"
- Lockout/Tagout mechanism that secures directly to valve body for enhanced safety
- Ergonomic handle for improved grip and comfort
- ISO 5211 top flange simplifies actuation
- Permanent markings, eliminates labels
- Integral footpad for skid or panel mount
- FPM or EPDM seals
- Double O-Ring stem seals
- Reversible PTFE seats – Standard

### OPTIONS

- NEW HDPE End Connectors available in SDR 9, 11 through 1", SDR 9, 11, 17 from 1-1/4" - 4"
- Pneumatic or Electric Actuators
- Stem Extensions
- Manual Limit Switch

### TECHNICAL INFORMATION

SIZE	MATERIAL	SEALS	END CONNECTION	PRESSURE RATING
1/4" – 3/8" (DN8 – DN10)	PVC or CPVC	FPM or EPDM	Socket or Threaded	250 PSI @ 70°F 16 Bar @ 21°C Non-Shock
1/2" – 2" (DN15 – DN50)			Socket, Threaded, Flanged** or HDPE†	250 PSI @ 70°F 16 Bar @ 21°C Non-Shock
2-1/2" – 4" (DN65 – DN100)			Socket, Threaded, Flanged** or HDPE†	235 PSI @ 70°F 16 Bar @ 21°C Non-Shock
6** (DN150)			Flanged	150 PSI @ 70°F 10 Bar @ 21°C Non-Shock

\*4" valve venturied to 6".

\*\*All flanged valves are rated to 150 PSI @ 70°F, 10 Bar @ 21°C

†PVC & CPVC socket ends available to ISO 727-1 / JIS K 6734, threaded ends to BS21 / JIS B 0203 and flanged ends to DIN / EN PN10.

‡All Hayward valves, strainers or filters with HDPE end connectors are rated to 150 PSI @ 70°F, 10 Bar @ 21°C

# TBH-Z SERIES

## True Union Ball Valves

1/2" to 6" / DN15-150 PVC, CPVC



Certified to  
NSF/ANSI 61 & 372

### KEY FEATURES

- Drilled Ball for Sodium Hypochlorite applications
- Lockout/Tagout mechanism that secures directly to valve body for enhanced safety
- Ergonomic handle for improved grip and comfort
- ISO 5211 top flange simplifies actuation
- Permanent markings, eliminates labels
- Integral footpad for skid or panel mount
- FPM or EPDM seals
- Double O-Ring stem seals
- Reversible PTFE seats – Standard

### OPTIONS

- NEW HDPE End Connectors available in SDR 9, 11 through 1", SDR 9, 11, 17 from 1-1/4" - 4"
- Pneumatic or Electric Actuators
- Stem Extensions
- Manual Limit Switch

### TECHNICAL INFORMATION

SIZE	MATERIAL	SEALS	END CONNECTION	PRESSURE RATING
1/2" – 2" (DN15 – DN50)	PVC or CPVC	FPM	Socket, Threaded or Flanged**	250 PSI @ 70°F 16 Bar @ 21°C Non-Shock
2-1/2" – 4" (DN65 – DN100)			Socket, Threaded or Flanged**	235 PSI @ 70°F 16 Bar @ 21°C Non-Shock
6** (DN150)			Flanged	150 PSI @ 70°F 10 Bar @ 21°C Non-Shock

\*4" valve venturied to 6".

\*\*All flanged valves are rated to 150 PSI @ 70°F, 10 Bar @ 21°C

†PVC & CPVC socket ends available to ISO 727-1 / JIS K 6734, threaded ends to BS21 / JIS B 0203 and flanged ends to DIN / EN PN10.

Patented Pat No. 11,131,404 and Other Patents Pending

# CVH SERIES

## Proportional Control True Union Ball Valves

1/2" to 6" / DN15-150 PVC, CPVC



Certified to  
NSF/ANSI 61 & 372

### KEY FEATURES

- Profile2™ Characterized Ball for proportional control
- System2™ Sealing Technology provides longer cycle life, 1/2" - 2"
- Lockout/Tagout mechanism that secures directly to valve body for enhanced safety
- Ergonomic handle for improved grip and comfort
- ISO 5211 top flange simplifies actuation
- Permanent markings, eliminates labels
- Integral footpad for skid or panel mount
- FPM or EPDM seals
- Double O-Ring stem seals
- Reversible PTFE seats – Standard

### OPTIONS

- NEW HDPE End Connectors available in SDR 9, 11 through 1", SDR 9, 11, 17 from 1-1/4" - 4"
- Pneumatic or Electric Actuators
- Stem Extensions
- Manual Limit Switch

### TECHNICAL INFORMATION

SIZE	MATERIAL	SEALS	END CONNECTION	PRESSURE RATING
1/2" – 2" (DN15 – DN50)	PVC or CPVC	FPM or EPDM	Socket, Threaded or Flanged**	250 PSI @ 70°F 16 Bar @ 21°C Non-Shock
2-1/2" – 4" (DN65 – DN100)			Socket, Threaded or Flanged**	235 PSI @ 70°F 16 Bar @ 21°C Non-Shock
6** (DN150)			Flanged	150 PSI @ 70°F 10 Bar @ 21°C Non-Shock

\* 4" valve venturied to 6".  
 \*\* All flanged valves are rated to 150 PSI @ 70°F, 10 Bar @ 21°C  
 † PVC & CPVC socket ends available to ISO 727-1 / JIS K 6734, threaded ends to BS21 / JIS B 0203 and flanged ends to DIN / EN PN10.

# TB SERIES

## True Union Ball Valves

1/4" to 2" / DN8-25 Natural PVDF, Platinum GFPP

1/2" to 2" / DN15-25 Black GFPP



### KEY FEATURES

- Threaded, Socket Fusion (IPS) or Flanged Ends
- Full Port Design
- FPM or EPDM O-Ring Seals
- Reversible PTFE Seats
- Double O-Ring Stem Seals

### OPTIONS

- Pneumatic or Electric Actuators
- HDPE Transition Fittings, sold separately
- PVC Socket Ends, sold separately



Optional HDPE Transition  
Fittings sold separately.

### TECHNICAL INFORMATION

SIZE	MATERIAL	SEALS	END CONNECTION	PRESSURE RATING
1/4" – 2" (DN8 – DN50)	PVDF or Platinum GFPP	FPM or EPDM	Threaded or Socket Fusion (IPS)	150 PSI @ 70°F 10 Bar @ 21°C Non-Shock
1/2" – 3/4" (DN15 – DN20)	Black GFPP		Threaded	
1" – 2" (DN25 – DN50)	Black GFPP  PVDF or Platinum GFPP		Threaded or Flanged  Flanged	

All flanged valves are rated to 150 PSI @ 70°F, 10 Bar @ 21°C  
 Threaded ends to BS21 / JIS B 0203 and flanged ends to DIN / EN PN10.

# TW SERIES

## Three-Way True Union Ball Valves

1/2" to 6" / DN15-150 PVC, CPVC



### KEY FEATURES

- Available in PVC and CPVC
- Position Indicator
- Easily Actuated
- PTFE Seats
- FPM or EPDM O-Rings
- Double O-Ring Stem Seal

### OPTIONS

- NEW HDPE End Connectors available in SDR 9, 11 through 1", SDR 9, 11, 17 from 2" - 4"
- Lockouts Available
- Pneumatic and Electric Actuators
- TN Ball
- TP Ball

### TECHNICAL INFORMATION

SIZE	MATERIAL	SEALS	END CONNECTION	PRESSURE RATING
1/2" - 4" (DN15 - DN100)	PVC or CPVC	FPM or EPDM	Socket, Threaded or Flanged**	150 PSI @ 70°F 10 Bar @ 21°C Non-Shock
6"* (DN150)			Flanged	

\* 4" valve venturied to 6".

\*\* All flanged valves are rated to 150 PSI @ 70°F, 10 Bar @ 21°C

† PVC & CPVC socket ends available to ISO 727-1 / JIS K 6734, threaded ends to BS21 / JIS B 0203 and flanged ends to DIN / EN PN10.

# LA SERIES

## Lateral Three-Way True Union Ball Valves

1/2" to 6" / DN15-150 PVC, CPVC



### KEY FEATURES

- Available in PVC and CPVC
- PTFE Seats
- FPM or EPDM O-Rings
- Double O-Ring Stem Seal
- Simplifies Lateral Connections
- Replaces Valve/Tee Connection Combinations
- Quick, Easy to Install
- Replacement for Zero Dead-Leg Valves

### OPTIONS

- NEW HDPE End Connectors available in SDR 9, 11 through 1", SDR 9, 11, 17 from 2" - 4"
- Lockouts Available
- Pneumatic and Electric Actuators
- 90° Ball

### TECHNICAL INFORMATION

SIZE	MATERIAL	SEALS	END CONNECTION	PRESSURE RATING
1/2" - 4" (DN15 - DN100)	PVC or CPVC	FPM or EPDM	Socket, Threaded or Flanged**	150 PSI @ 70°F 10 Bar @ 21°C Non-Shock
6"* (DN150)			Flanged	

\* 4" valve venturied to 6".

\*\* All flanged valves are rated to 150 PSI @ 70°F, 10 Bar @ 21°C

† PVC & CPVC socket ends available to ISO 727-1 / JIS K 6734, threaded ends to BS21 / JIS B 0203 and flanged ends to DIN / EN PN10.

## TBB SERIES

### Commercial True Union Ball Valves

1/2" to 4" PVC, CPVC



#### KEY FEATURES

- PVC and CPVC Materials
- Full Port Design
- Socket or Threaded Ends
- PTFE Seats
- FPM or EPDM O-Ring Seals
- Low Torque, Easy 1/4-Turn Operation
- Double O-Ring Stem Seals
- Adjustable Seat Retainer
- Rated to 225 PSI / 15 Bar, non-shock at 70°F / 23°C

#### KEY FEATURES

- Gray PVC
- Rugged, Compact and Lightweight Design
- Full Port Design
- Socket or Threaded Ends
- PTFE Seats
- EPDM O-Ring Seals
- Low Torque, Easy 1/4-Turn Operation
- No Integral Parts to Replace
- Perfect for OEM Requirements
- Rated to 150 PSI / 10 Bar, non-shock at 70°F / 23°C

## QV SERIES QIC2™

### Compact Ball Valves

1/2" to 2" PVC



#### KEY FEATURES

- Gray and White PVC
- True Union End Connections
- Rated at a Full 150 PSI
- Socket or Threaded Ends
- Santoprene® (TPV) Seats
- EPDM O-Ring Seals
- Low Torque, Easy 1/4-Turn Operation
- No Integral Parts to Replace
- Perfect for OEM Requirements
- Rated to 150 PSI / 10 Bar, non-shock at 70°F / 23°C

## QTA SERIES

### True Union Compact Ball Valves

1/2" to 2" PVC



#### KEY FEATURES

- Gray and White PVC
- Compact and Lightweight Design
- Santoprene® (TPV) Seats
- EPDM O-Ring Seals
- Low Torque, Easy 1/4-Turn Operation
- No Integral Parts to Replace
- Rated to 150 PSI / 10 Bar, non-shock at 70°F / 23°C

## QVC SERIES

### Compact Ball Valves

1/2" to 4" PVC

