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BALL VALVES

NICKEL PLATED BRASS BALL VALVES

Uses: Suitable for domestic water services, heating and air-conditioning plants, compressed air systems. AGA gas approved valves are also available and can also be used for certain chemicals and oils.

Body: Nickel plated brass CW 617N

Ball & Seal: Ball - Hard chrome plated brass, Seal - PTFE

Handle: Zinc plated and varnished steel (Yellow handle for AGA)

Working Temp: -20°C to 150°C in the absence of steam, Gas – 15°C to 60°C

Working Pressure: Lever Handle 360psi
T-Handle 580psi

LEVER HANDLE



SIZE BSP	F/F STANDARD	M/F STANDARD
1/4"	V/BR-BSL-FF-006	V/BR-BSL-MF-006
3/8"	V/BR-BSL-FF-010	V/BR-BSL-MF-010
1/2"	V/BR-BSL-FF-012	V/BR-BSL-MF-012
3/4"	V/BR-BSL-FF-020	V/BR-BSL-MF-020
1"	V/BR-BSL-FF-025	V/BR-BSL-MF-025
1.1/4"	V/BR-BSL-FF-032	V/BR-BSL-MF-032
1.1/2"	V/BR-BSL-FF-038	V/BR-BSL-MF-038
2"	V/BR-BSL-FF-050	V/BR-BSL-MF-050
2.1/2"	V/BR-BSL-FF-063	-
3"	V/BR-BSL-FF-075	-
4"	V/BR-BSL-FF-100	-



SIZE BSP	F/F AGA APPROVED	M/F AGA APPROVED
1/4"	V/BR-BGL-FF-006	V/BR-BGL-MF-006
3/8"	V/BR-BGL-FF-010	V/BR-BGL-MF-010
1/2"	V/BR-BGL-FF-012	V/BR-BGL-MF-012
3/4"	V/BR-BGL-FF-020	V/BR-BGL-MF-020
1"	V/BR-BGL-FF-025	V/BR-BGL-MF-025
1.1/4"	V/BR-BGL-FF-032	V/BR-BGL-MF-032
1.1/2"	V/BR-BGL-FF-038	V/BR-BGL-MF-038
2"	V/BR-BGL-FF-050	V/BR-BGL-MF-050
2.1/2"	V/BR-BGL-FF-063	-
3"	V/BR-BGL-FF-075	-
4"	V/BR-BGL-FF-100	-

T HANDLE



SIZE BSP	F/F STANDARD	M/F STANDARD
1/4"	V/BR-BST-FF-006	V/BR-BST-MF-006
3/8"	V/BR-BST-FF-010	V/BR-BST-MF-010
1/2"	V/BR-BST-FF-012	V/BR-BST-MF-012
3/4"	V/BR-BST-FF-020	V/BR-BST-MF-020
1"	V/BR-BST-FF-025	V/BR-BST-MF-025



SIZE BSP	F/F AGA APPROVED	M/F AGA APPROVED
1/4"	V/BR-BGT-FF-006	V/BR-BGT-MF-006
3/8"	V/BR-BGT-FF-010	V/BR-BGT-MF-010
1/2"	V/BR-BGT-FF-012	V/BR-BGT-MF-012
3/4"	V/BR-BGT-FF-020	V/BR-BGT-MF-020
1"	V/BR-BGT-FF-025	V/BR-BGT-MF-025

BALL VALVES

STAINLESS STEEL BALL VALVES

Uses: General purpose valve for air, fuel, water and steam applications

Material : 316 Stainless Steel, Teflon seal

Working Temp: 180°C Maximum

Working Pressure: 1-Piece 1000psi (reduced bore)
2-Piece 1000psi (full bore)
3-Piece 1000psi (full bore)



SIZE BSP	1-PIECE REDUCED BORE	2-PIECE FULL BORE	3-PIECE FULL BORE
1/4"	V/SS-B1-006	V/SS-B2-006	V/SS-B3-006
3/8"	V/SS-B1-010	V/SS-B2-010	V/SS-B3-010
1/2"	V/SS-B1-012	V/SS-B2-012	V/SS-B3-012
3/4"	V/SS-B1-020	V/SS-B2-020	V/SS-B3-020
1"	V/SS-B1-025	V/SS-B2-025	V/SS-B3-025
1.1/4"	V/SS-B1-032	V/SS-B2-032	V/SS-B3-032
1.1/2"	V/SS-B1-038	V/SS-B2-038	V/SS-B3-038
2"	V/SS-B1-050	V/SS-B2-050	V/SS-B3-050
2.1/2"	-	V/SS-B2-063	V/SS-B3-063
3"	-	V/SS-B2-075	V/SS-B3-075
4"	-	V/SS-B2-100	V/SS-B3-100

MINI BALL VALVES

Uses: Compact general purpose valve for air, fuel, oil, water and steam

Material : Brass or 316 Stainless Steel (PTFE seal)

Working Temp: Brass: -10°C to 90°C
Stainless Steel: Up to 100°C

Working Pressure: Brass: 220psi, Stainless Steel: 150psi at 100°C



SIZE BSP	F/F BRASS	M/F BRASS
1/8"	V/BR-MINI-FF-003	V/BR-MINI-MF-003
1/4"	V/BR-MINI-FF-006	V/BR-MINI-MF-006
3/8"	V/BR-MINI-FF-010	V/BR-MINI-MF-010
1/2"	V/BR-MINI-FF-012	V/BR-MINI-MF-012
3/4"	V/BR-MINI-FF-020	V/BR-MINI-MF-020
1"	-	-

SIZE BSP	F/F STAINLESS STEEL	M/F STAINLESS STEEL
1/8"	-	-
1/4"	V/SS-MINI-FF-006	V/SS-MINI-MF-006
3/8"	V/SS-MINI-FF-010	V/SS-MINI-MF-010
1/2"	V/SS-MINI-FF-012	V/SS-MINI-MF-012
3/4"	V/SS-MINI-FF-020	V/SS-MINI-MF-020
1"	V/SS-MINI-FF-025	V/SS-MINI-MF-025

BALL VALVES

3

PVC BALL VALVE



Material : PVC Body, PVC Ball, EPDM Seal

Working Pressure: 115psi (cold)

SIZE BSP	FEMALE / FEMALE	SOCKETWELD
1/2"	V/PV-BALL-FF-012	V/PV-BALL-SW-012
3/4"	V/PV-BALL-FF-020	V/PV-BALL-SW-020
1"	V/PV-BALL-FF-025	V/PV-BALL-SW-025
1.1/4"	V/PV-BALL-FF-032	V/PV-BALL-SW-032
1.1/2"	V/PV-BALL-FF-038	V/PV-BALL-SW-038
2"	V/PV-BALL-FF-050	V/PV-BALL-SW-050
2.1/2"	V/PV-BALL-FF-063	-
3"	V/PV-BALL-FF-075	V/PV-BALL-SW-075
4"	V/PV-BALL-FF-100	-

NYGLASS BALL VALVE



Material : Glass filled nylon body, Polypropylene Seal ring, Acetyl Ball

Working Pressure: 230psi

SIZE BSP	FEMALE / FEMALE	MALE / FEMALE
1/2"	V/NG-BALL-FF-012	V/NG-BALL-MF-012
3/4"	V/NG-BALL-FF-020	V/NG-BALL-MF-020
1"	V/NG-BALL-FF-025	V/NG-BALL-MF-025
1.1/4"	V/NG-BALL-FF-032	V/NG-BALL-MF-032
1.1/2"	V/NG-BALL-FF-038	V/NG-BALL-MF-038
2"	V/NG-BALL-FF-050	V/NG-BALL-MF-050

PHILMAC QUICK ACTION INLINE BARBED BALL VALVE



SIZE BSP	BARBED
3/8"	V/PL-INLINE-010
1/2"	V/PL-INLINE-012
5/8"	V/PL-INLINE-016
3/4"	V/PL-INLINE-020
1"	V/PL-INLINE-025

3-WAY BALL VALVES

Availability: L-Port & T-Port, bottom entry or side entry

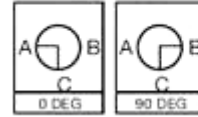
Material : Nickel plated brass or 316 Stainless Steel

Working Temp: -20°C to 150°C in the absence of steam

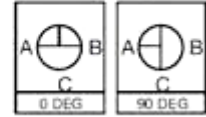
Working Pressure: 360psi



'L' PORT CONFIGURATION



'T' PORT CONFIGURATION



L-PORT CONFIGURATION

SIZE BSP	BRASS BOTTOM ENTRY	BRASS SIDE ENTRY
1/4"	V/BR-LPORT-006	V/BR-LPORT-S-006
3/8"	V/BR-LPORT-010	V/BR-LPORT-S-010
1/2"	V/BR-LPORT-012	V/BR-LPORT-S-012
3/4"	V/BR-LPORT-020	V/BR-LPORT-S-020
1"	V/BR-LPORT-025	V/BR-LPORT-S-025
1.1/4"	V/BR-LPORT-032	V/BR-LPORT-S-032
1.1/2"	V/BR-LPORT-038	V/BR-LPORT-S-038
2"	V/BR-LPORT-050	V/BR-LPORT-S-050
3"	-	-

SIZE BSP	STAINLESS STEEL BOTTOM ENTRY	STAINLESS STEEL SIDE ENTRY
1/4"	V/SS-LPORT-006	V/SS-LPORT-S-006
3/8"	V/SS-LPORT-010	V/SS-LPORT-S-010
1/2"	V/SS-LPORT-012	V/SS-LPORT-S-012
3/4"	V/SS-LPORT-020	V/SS-LPORT-S-020
1"	V/SS-LPORT-025	V/SS-LPORT-S-025
1.1/4"	V/SS-LPORT-032	V/SS-LPORT-S-032
1.1/2"	V/SS-LPORT-038	V/SS-LPORT-S-038
2"	V/SS-LPORT-050	V/SS-LPORT-S-050
3"	V/SS-LPORT-075	-

T-PORT CONFIGURATION

SIZE BSP	BRASS BOTTOM ENTRY	BRASS SIDE ENTRY
1/4"	V/BR-TPORT-006	-
3/8"	V/BR-TPORT-010	-
1/2"	V/BR-TPORT-012	-
3/4"	V/BR-TPORT-020	-
1"	V/BR-TPORT-025	-
1.1/4"	V/BR-TPORT-032	-
1.1/2"	V/BR-TPORT-038	-
2"	V/BR-TPORT-050	-
3"	V/BR-TPORT-075	-

SIZE BSP	STAINLESS STEEL BOTTOM ENTRY	STAINLESS STEEL SIDE ENTRY
1/4"	V/SS-TPORT-006	-
3/8"	V/SS-TPORT-010	-
1/2"	V/SS-TPORT-012	V/SS-TPORT-S-012
3/4"	V/SS-TPORT-020	V/SS-TPORT-S-020
1"	V/SS-TPORT-025	V/SS-TPORT-S-025
1.1/4"	V/SS-TPORT-032	-
1.1/2"	V/SS-TPORT-038	V/SS-TPORT-S-038
2"	V/SS-TPORT-050	V/SS-TPORT-S-050
3"	V/SS-TPORT-075	-

CHECK VALVES

BRASS SPRING CHECK VALVE

Uses: Suitable for industrial, pneumatic and hydraulic installations. Ideal for hot or cold water, oil and compressed air. Can be installed in any position: vertical, horizontal, oblique.

Material: Brass CW617N Body, Stainless Steel Spring

Working Temp: Air: -20°C to 110°C
Water: 0°C to 90°C
Gas: -20°C to 60°C



SIZE BSP	EUROPA BRASS SEAT	WP (psi)
3/8"	V/BR-SPR-E-010	360
1/2"	V/BR-SPR-E-012	360
3/4"	V/BR-SPR-E-020	360
1"	V/BR-SPR-E-025	260
1.1/4"	V/BR-SPR-E-032	260
1.1/2"	V/BR-SPR-E-038	260
2"	V/BR-SPR-E-050	170
2.1/2"	V/BR-SPR-E-063	170
3"	V/BR-SPR-E-075	170
4"	V/BR-SPR-E-100	170

SIZE BSP	YORK NYLON SEAT	WP (psi)
3/8"	V/BR-SPR-Y-010	170
1/2"	V/BR-SPR-Y-012	170
3/4"	V/BR-SPR-Y-020	170
1"	V/BR-SPR-Y-025	170
1.1/4"	V/BR-SPR-Y-032	140
1.1/2"	V/BR-SPR-Y-038	140
2"	V/BR-SPR-Y-050	140
2.1/2"	V/BR-SPR-Y-063	110
3"	V/BR-SPR-Y-075	110
4"	V/BR-SPR-Y-100	110

STAINLESS STEEL SPRING CHECK VALVE

Material : 316 Stainless Steel (1-piece Mondeo 304 Stainless Steel)

Specifications: 1-Piece: 304 SS, Viton Seals, Maximum 230psi (Mondeo brand)
2-Piece: 316 SS, PTFE Seals, Maximum (cold) 200psi, Maximum 200°C
3-Piece: 316 SS, PTFE Seals, Maximum (cold) 1000psi, Maximum 200°C



SIZE BSP	1-PIECE 304 SS	2-PIECE 316 SS	3-PIECE 316 SS
1/4"	V/SS-S1-006-304	V/SS-S2-006	-
3/8"	V/SS-S1-010-304	V/SS-S2-010	-
1/2"	V/SS-S1-012-304	V/SS-S2-012	V/SS-S3-012
3/4"	V/SS-S1-020-304	V/SS-S2-020	V/SS-S3-020
1"	V/SS-S1-025-304	V/SS-S2-025	V/SS-S3-025
1.1/4"	V/SS-S1-032-304	V/SS-S2-032	V/SS-S3-032
1.1/2"	V/SS-S1-038-304	V/SS-S2-038	V/SS-S3-038
2"	V/SS-S1-050-304	V/SS-S2-050	V/SS-S3-050
2.1/2"	V/SS-S1-063-304	V/SS-S2-063	V/SS-S3-063
3"	V/SS-S1-075-304	V/SS-S2-075	V/SS-S3-075
4"	V/SS-S1-100-304	V/SS-S2-100	-

CHECK VALVES

BRASS FOOT VALVE



Material: Brass Body, Brass Filter, Brass Seat, NBR Seat Washer

Working Temp: Water: 0°C to 90°C

SIZE BSP	BRASS FOOT VALVE	WP (psi)
1/2"	V/BR-FOOT-012	140
3/4"	V/BR-FOOT-020	140
1"	V/BR-FOOT-025	140
1.1/4"	V/BR-FOOT-032	110
1.1/2"	V/BR-FOOT-038	110
2"	V/BR-FOOT-050	110
2.1/2"	V/BR-FOOT-063	90
3"	V/BR-FOOT-075	90
4"	V/BR-FOOT-100	90

BRASS SWING CHECK VALVE



Material: Brass Body, Brass Seat, NBR Seat Valve

Working Temp: Water: 0°C to 90°C

SIZE BSP	BRASS SWING CHECK VALVE	WP (psi)
1/2"	V/BR-SWI-012	230
3/4"	V/BR-SWI-020	230
1"	V/BR-SWI-025	230
1.1/4"	V/BR-SWI-032	230
1.1/2"	V/BR-SWI-038	230
2"	V/BR-SWI-050	230
2.1/2"	V/BR-SWI-063	230
3"	V/BR-SWI-075	230
4"	V/BR-SWI-100	230

STAINLESS STEEL SWING CHECK VALVE



Material: 316 Stainless Steel
PTFE Seals

Working Temp: Maximum 200°C

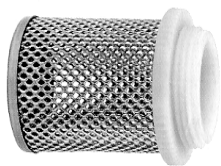
Working Pressure: 200psi

SIZE BSP	STAINLESS STEEL SWING CHECK VALVE	WP (psi)
1/2"	V/SS-SWI-012	200
3/4"	V/SS-SWI-020	200
1"	V/SS-SWI-025	200
1.1/4"	V/SS-SWI-032	200
1.1/2"	V/SS-SWI-038	200
2"	V/SS-SWI-050	200
2.1/2"	V/SS-SWI-063	200
3"	V/SS-SWI-075	200

CHECK VALVES

STAINLESS STEEL / NYLON FILTER CAGE TO SUIT CHECK VALVES

3



Material: Stainless Steel filter mesh, Nylon 6
BSP threaded end

Micron Size: 3/8" to 2" - 1200um
2.1/2" to 4" - 2000um

SIZE BSP	FILTER CAGE
3/8"	V/SS-NY-FILT-010
1/2"	V/SS-NY-FILT-012
3/4"	V/SS-NY-FILT-020
1"	V/SS-NY-FILT-025
1.1/4"	V/SS-NY-FILT-032
1.1/2"	V/SS-NY-FILT-038
2"	V/SS-NY-FILT-050
2.1/2"	V/SS-NY-FILT-063
3"	V/SS-NY-FILT-075
4"	V/SS-NY-FILT-100

ALUMINIUM MINI CHECK VALVE



Material: Aluminium Body, Stainless Steel
Spring, NBR Seal

Working Temp: Water: -5°C to 70°C

Other: Minimum operating back pressure
to seal is 14psi

SIZE BSP	ALUMINIUM MINI CHECK VALVE	WP (psi)
1/8"	V/AL-SPR-MINI-003	145
1/4"	V/AL-SPR-MINI-006	145
3/8"	V/AL-SPR-MINI-010	145
1/2"	V/AL-SPR-MINI-012	145

NYGLASS SPRING CHECK VALVE & FILTER CAGE



Material : Nyglass

Working Temp: 0°C to 80°C

Working Pressure: 200psi at 20°C

SIZE BSP	NYGLASS CHECK VALVE	NYGLASS FILTER CAGE
3/4"	V/NG-SPR-020	V/NG-FILTER-020
1"	V/NG-SPR-025	V/NG-FILTER-025
1.1/4"	V/NG-SPR-032	V/NG-FILTER-032
1.1/2"	V/NG-SPR-038	V/NG-FILTER-038
2"	V/NG-SPR-050	V/NG-FILTER-050

Y-STRAINER VALVES

BRASS & STAINLESS STEEL Y-STRAINER VALVES

Uses: Filtering fluid to protect inline valving

Specifications: Brass: 304 SS Mesh, 800um, Maximum 230psi, Maximum 100°C
Stainless Steel: 316 SS Mesh, 1000um, PTFE Seals, Maximum 800psi, Maximum 230°C



SIZE BSP	BRASS	WP (psi)
1/4"	V/BR-YSTRAIN-006	230
3/8"	V/BR-YSTRAIN-010	230
1/2"	V/BR-YSTRAIN-012	230
3/4"	V/BR-YSTRAIN-020	230
1"	V/BR-YSTRAIN-025	230
1.1/4"	V/BR-YSTRAIN-032	230
1.1/2"	V/BR-YSTRAIN-038	230
2"	V/BR-YSTRAIN-050	230
2.1/2"	V/BR-YSTRAIN-063	230
3"	V/BR-YSTRAIN-075	230
4"	V/BR-YSTRAIN-100	230

SIZE BSP	STAINLESS STEEL	WP (psi)
1/4"	V/SS-YSTRAIN-006	800
3/8"	V/SS-YSTRAIN-010	800
1/2"	V/SS-YSTRAIN-012	800
3/4"	V/SS-YSTRAIN-020	800
1"	V/SS-YSTRAIN-025	800
1.1/4"	V/SS-YSTRAIN-032	800
1.1/2"	V/SS-YSTRAIN-038	800
2"	V/SS-YSTRAIN-050	800
2.1/2"	V/SS-YSTRAIN-063	800
3"	V/SS-YSTRAIN-075	800

STAINLESS STEEL MESH TO SUIT Y-STRAINER



Material : Stainless Steel 304

Micron: 1/2" to 1.1/2" - 720um
2" to 4" - 1190um

SIZE	FILTER MESH
1/2"	V/SS-MESH-012
3/4"	V/SS-MESH-020
1"	V/SS-MESH-025
1.1/4"	V/SS-MESH-032
1.1/2"	V/SS-MESH-038
2"	V/SS-MESH-050
2.1/2"	V/SS-MESH-063
3"	V/SS-MESH-075
4"	V/SS-MESH-100

GATE, GLOBE & DEADMAN VALVES

BRASS & STAINLESS STEEL GATE & GLOBE VALVES

Brass Gate Valve: Brass with PTFE Seals, Cold WP: 230psi, Maximum 180°C

Stainless Gate Valve: Stainless Steel 316 with PTFE Seals, Cold WP: 200psi, Maximum 180°C

Stainless Globe Valve: Stainless Steel 316 with PTFE Seals, Cold WP: 200psi, Maximum 180°C



SIZE BSP	BRASS GATE VALVE	STAINLESS STEEL GATE VALVE	STAINLESS STEEL GLOBE VALVE
1/2"	V/BR-GATE-012	V/SS-GATE-012	V/SS-GLOBE-012
3/4"	V/BR-GATE-020	V/SS-GATE-020	V/SS-GLOBE-020
1"	V/BR-GATE-025	V/SS-GATE-025	V/SS-GLOBE-025
1.1/4"	V/BR-GATE-032	V/SS-GATE-032	V/SS-GLOBE-032
1.1/2"	V/BR-GATE-038	V/SS-GATE-038	V/SS-GLOBE-038
2"	V/BR-GATE-050	V/SS-GATE-050	V/SS-GLOBE-050
2.1/2"	V/BR-GATE-063	-	-
3"	V/BR-GATE-075	-	-
4"	V/BR-GATE-100	-	-

STAINLESS STEEL DEADMAN VALVES

Materials: Stainless Steel 316 with PTFE Seals

Features: 2-piece body, spring return handle, BSP thread

Working Pressure 1000psi



SIZE BSP	STAINLESS STEEL DEADMAN VALVE	WP (psi)
3/8"	V/SS-DEADMAN-010	1000
1/2"	V/SS-DEADMAN-012	1000
3/4"	V/SS-DEADMAN-020	1000
1"	V/SS-DEADMAN-025	1000

BIBCOCK VALVES

BIBCOCK - FIXED HANDLE

Material: Nickel Plated Brass Body, Chrome Plated Ball, PVC Washer

Working Temp: Water: 0°C to 80°C
Air: -15°C to 110°C



HOSE	MBSP	BIBCOCK FIXED HANDLE	WP (psi)
1/2"	1/2"	V/BR-BIB-1212	220
3/4"	3/4"	V/BR-BIB-2020	220
1"	1"	V/BR-BIB-2525	220

BIBCOCK - LOCKING HANDLE

Material: Nickel Plated Brass Body, Chrome Plated Ball, PVC Washer, Zinc Plated Steel Handle

Working Temp: Water: 0°C to 80°C
Air: -15°C to 110°C



HOSE	MBSP	BIBCOCK LOCKING HANDLE	WP (psi)
1/2"	1/2"	V/BR-BIB-LOCK-1212	220
1/2"	3/4"	V/BR-BIB-LOCK-1220	220
3/4"	3/4"	V/BR-BIB-LOCK-2020	220

BUTTERFLY VALVES

BUTTERFLY VALVES

Uses: Petrochemical, pulp & paper, water & wastewater treatment, brewing and mining

Materials: Cast Iron Body, Stainless Steel 316 disc, EPDM Seals as standard

Working Temp: EPDM Seal 120°C, NBR Seal 100°C

Working Pressure: 230psi (cold)

On Request: Stainless Steel Body, NBR Seals, Gear Driven

Connection: Wafer Style: Designed for inline service and relies on a flange either side of the valve to secure to the pipeline. Suits most international flanges including ANSI and DIN
Lugged Style: Tapped with a metric thread for fixing one flange on one side at a time. The benefit of this means it can be mounted at the end of a pipeline



SIZE	LEVER HANDLE	WITH DOUBLE ACTING ACTUATOR	WITH SPRING RETURN ACTUATOR	LUGGED LEVER HANDLE
1.1/2"	V/FLY-LEV-038	V/FLY-DA-038	V/FLY-SR-038	-
2"	V/FLY-LEV-050	V/FLY-DA-050	V/FLY-SR-050	V/FLY-LUG-050
2.1/2"	V/FLY-LEV-063	V/FLY-DA-063	V/FLY-SR-063	V/FLY-LUG-063
3"	V/FLY-LEV-075	V/FLY-DA-075	V/FLY-SR-075	V/FLY-LUG-075
4"	V/FLY-LEV-100	V/FLY-DA-100	V/FLY-SR-100	V/FLY-LUG-100
5"	V/FLY-LEV-125	V/FLY-DA-125	V/FLY-SR-125	V/FLY-LUG-125
6"	V/FLY-LEV-150	V/FLY-DA-150	V/FLY-SR-150	V/FLY-LUG-150
8"	V/FLY-LEV-200	-	-	V/FLY-LUG-200

ACTUATORS TO SUIT BUTTERFLY VALVES



SIZE	DOUBLE ACTING ACTUATOR	SPRING RETURN ACTUATOR
1.1/2"	V/FLY-X-DA-PA00	-
2"		V/FLY-X-SR-PA05/S
2.1/2"	V/FLY-X-DA-PA05	V/FLY-X-SR-PA10/S
3"		V/FLY-X-SR-PA20/S
4"	V/FLY-X-DA-PA10	
5"	V/FLY-X-DA-P20	V/FLY-X-SR-PA25/S
6"		

WAFER CHECK VALVES

CAST IRON WAFER CHECK VALVES

Uses: Water, oil, gas. Relies on a flange either side of the valve to secure the pipeline.

Materials: Cast Iron body, Stainless Steel 316 disc & springs, NBR Seal

Maximum Temp: 80°C

Working Pressure: 230psi (cold)

On Request: Stainless Steel 316 body, Viton Seal



SIZE	CAST IRON WAFER CHECK	OD (mm)	WIDTH (mm)	DISC SIZE (mm)
2"	V/CI-WAFER-FL-050	96	43	65
2.1/2"	V/CI-WAFER-FL-063	109	48	80
3"	V/CI-WAFER-FL-075	128	64	94
4"	V/CI-WAFER-FL-100	160	64	117
5"	V/CI-WAFER-FL-125	191	70	145
6"	V/CI-WAFER-FL-150	213	76	170
8"	V/CI-WAFER-FL-200	270	89	224

HYDRAULIC STEEL VALVES

HYDRAULIC BALL VALVES - BSPP THREAD



FOLLOWS
HYDRAULIC
SIZING

SIZE BSPP	2-WAY BALL VALVE	WP (bar)
1/4"	V/HYD-BALL-04	500
3/8"	V/HYD-BALL-06	500
1/2"	V/HYD-BALL-08	500
3/4"	V/HYD-BALL-12	400
1"	V/HYD-BALL-16	350
1.1/2"	V/HYD-BALL-24	350
2"	V/HYD-BALL-32	350

SIZE BSPP	3-WAY BALL VALVE	WP (bar)
1/4"	V/HYD-3WAY-04	400
3/8"	V/HYD-3WAY-06	400
1/2"	V/HYD-3WAY-08	350
3/4"	V/HYD-3WAY-12	350
1"	V/HYD-3WAY-16	350

HYDRAULIC NEEDLE VALVES - BSPP THREAD

***One way check
needle valve



SIZE BSPP	1-WAY NEEDLE VALVE	WP (bar)
1/4"	V/HYD-NEED1-04	350
3/8"	V/HYD-NEED1-06	350
1/2"	V/HYD-NEED1-08	350
3/4"	V/HYD-NEED1-12	350
1"	V/HYD-NEED1-16	350

SIZE BSPP	2-WAY NEEDLE VALVE	WP (bar)
1/4"	V/HYD-NEED2-04	350
3/8"	V/HYD-NEED2-06	350
1/2"	V/HYD-NEED2-08	350
3/4"	V/HYD-NEED2-12	350
1"	V/HYD-NEED2-16	350

HYDRAULIC CHECK VALVES - BSPP THREAD



SIZE BSPP	1-WAY CHECK VALVE	WP (bar)
1/4"	V/HYD-CHECK-04	350
3/8"	V/HYD-CHECK-06	350
1/2"	V/HYD-CHECK-08	300
3/4"	V/HYD-CHECK-12	300
1"	V/HYD-CHECK-16	300

FLOAT VALVES

BRASS & PLASTIC FLOAT VALVES

Uses: Suitable for water

Materials: Brass Body, Nitrile O-ring

Working Temp: 0°C to 110°C

Working Pres: 0 to 534psi



SIZE BSP	MATERIAL	PART NUMBER	LEVER LENGTH	FLOAT SIZE	ADDITIONAL
3/8"	BRASS PLUNGER STAINLESS SEAT	V/FLT-VAL-BR-3005	125mm	80/100	Short BSPP thread
1/2"		V/FLT-VAL-BR-3007	200mm	100	BSPT thread
1/2"		V/FLT-VAL-BR-3013	250mm	100	Long BSPP thread
1/2"		V/FLT-VAL-BR-3015	200mm	100	Long BSPP thread
1/2"		V/FLT-VAL-BR-3023	200mm	100	Long BSPP thread, stem sleeve
1/2"		V/FLT-VAL-BR-3031	200mm	100	Short BSPP thread
3/4"		V/FLT-VAL-BR-3044	250mm	150	BSPT thread
1"		V/FLT-VAL-BR-3046	355mm	150	BSPT thread
1.1/4"		V/FLT-VAL-BR-3048	350mm	175	BSPT thread
1.1/2"		V/FLT-VAL-BR-3049	405mm	200	BSPT thread
2"		V/FLT-VAL-BR-3050	450mm	225	BSPT thread
1/2"	PLASTIC	V/FLT-VAL-PL-3002	250mm	100	Long BSPP thread
1/2"		V/FLT-VAL-PL-3003	200mm	100	Long BSPP thread
1/2"		V/FLT-VAL-PL-3004	125mm	100	Long BSPP thread

FLOATS TO SUIT FLOAT VALVES



Black Floats for **cold water** applications up to 60°C



White Floats for **hot water** applications up to 95°C



Orange Floats for **cold water** applications up to 60°C



Copper floats can be ordered in to suit Hot or Cold Water applications

SIZE	PLASTIC FLOAT	COPPER FLOAT
3"	V/FLT-BALL-PL-4983-WH	-
3"	V/FLT-BALL-PL-4983-BK	V/FLT-BALL-CU-1614
4"	V/FLT-BALL-PL-4894-WH	-
4"	V/FLT-BALL-PL-4983-BK	
4.1/2"	V/FLT-BALL-PL-4895-BK	V/FLT-BALL-CU-1617
5"	-	V/FLT-BALL-CU-1615
6"	V/FLT-BALL-PL-4896-BK	V/FLT-BALL-CU-1618
7"	-	V/FLT-BALL-CU-1619
8"	V/FLT-BALL-PL-4898-BK	V/FLT-BALL-CU-1621
9"	V/FLT-BALL-PL-4899-OR	V/FLT-BALL-CU-1623

NEEDLE VALVES & LEVER TAPS

BRASS NEEDLE VALVES

Uses: Suitable for air, water & petroleum based products

Materials: Brass Body, Nitrile O-ring

Working Temp: 0°C to 110°C

Working Pressure: 0 to 534psi



SIZE BSP	NEEDLE F/F #NV104	NEEDLE M/F #NV404, #NV808	NEEDLE M/M #NV105
1/8"	V/BR-NEED-104-FF-003	V/BR-NEED-808-MF-003	V/BR-NEED-105-MM-003
1/4"	V/BR-NEED-104-FF-006	V/BR-NEED-404-MF-006	V/BR-NEED-105-MM-006
3/8"	V/BR-NEED-104-FF-010	-	-

BRASS LEVER TAPS



SIZE BSP	LEVER TAP F/F #104	LEVER TAP M/F #404, #808	DRAIN COCK #DT3	BENT DRAIN COCK #DB1
1/8"	V/BR-LEV-104-003	V/BR-LEV-808-003	V/BR-LEV-DT3-003	V/BR-LEV-DB1-003
1/4"	V/BR-LEV-104-006	V/BR-LEV-404-006	V/BR-LEV-DT3-006	V/BR-LEV-DB1-006
3/8"	-	-	V/BR-LEV-DT3-010	V/BR-LEV-DB1-010



SIZE HOSE	SIZE MBSP	BARBED LEVER TAP #JT3
3/16"	1/8"	V/BR-LEV-JT3-0503
1/4"	1/8"	V/BR-LEV-JT3-0603
5/16"	1/8"	V/BR-LEV-JT3-0803
3/8"	1/8"	V/BR-LEV-JT3-1003

MISCELLANEOUS VALVES

3

ADJUSTABLE PRESSURE RELIEF



Uses: For use with compressors 80CFM or less

Settings: Min Adjustment: 73psi
Max Adjustment: 160psi
Factory set: 146psi

Working Temp: 10°C to 100°C

SIZE BSP	ADJUSTABLE NON-ASME
1/4"	V/BR-REL-ADJ-006 (106)
3/8"	V/BR-REL-ADJ-010 (106)
1/2"	V/BR-REL-ADJ-012 (106)

ASME SAFETY PRESSURE RELIEF



Uses: Standard safety valve for small compressors. Compact size with high flow capacity

Settings: Factory set: 150psi (1035kPa)

Working Temp: 120°C maximum

SIZE BSP	ASME SAFETY VALVE
1/4"	V/BR-REL-ASME-006-1035

***Other set pressures available on request

SCHRADER / TYRE VALVE



Uses: Adapting BSP thread to car tyre valve

SIZE BSP	TANK VALVE SHORT
1/8"	V/BR-SHRADER-S03

GAS TEST POINT



SIZE NPT	SIZE SAE	SAE TEST POINT
1/8"	1/4"	V/BR-TEST-GAS-A31482

BRASS NPT TRUCK VALVES



SIZE HOSE	SIZE NPT	90° HOSE x MALE NPT
5/8"	3/8"	V/BR-TRUCK-HM-N1610
5/8"	1/2"	V/BR-TRUCK-HM-N1612
3/4"	3/8"	V/BR-TRUCK-HM-N2010



SIZE NPT	SIZE NPT	90° FEMALE NPT x MALE NPT
3/8"	3/8"	V/BR-TRUCK-FM-N1010
1/2"	1/2"	V/BR-TRUCK-FM-N1212

