

## Valves - General & Industrial

### Ball / Gate Valves

**Sizes:** 1/4" to 4"

**Materials:**

- Brass
- Stainless Steel
- Polypropylene

**Pressure:** See ratings

**Options:** Ball Valves can be pneumatically or electrically operated



#### FULL BORE - MAX. WORKING PRESSURE 580 psi / 40 bar

PART NO.	SIZE	THREAD	MATERIAL
025/335	1/4"	BSP PI.	Brass
038/335	3/8"	BSP PI.	Brass
050/335	1/2"	BSP PI.	Brass
075/335	3/4"	BSP PI.	Brass
100/335	1"	BSP PI.	Brass
125/335	1 1/4"	BSP PI.	Brass
150/335	1 1/2"	BSP PI.	Brass
200/335	2"	BSP PI.	Brass
250/335	2 1/2"	BSP PI.	Brass
300/335	3"	BSP PI.	Brass
400/335	4"	BSP PI.	Brass

#### GATE VALVE - MAX. WORKING PRESSURE 290 psi / 20 bar

PART NO.	SIZE	THREAD	MATERIAL
GV038BH	3/8"	BSP PI.	Brass
GV050BH	1/2"	BSP PI.	Brass
GV075BH	3/4"	BSP PI.	Brass
GV100BH	1"	BSP PI.	Brass
GV125BH	1 1/4"	BSP PI.	Brass
GV150BH	1 1/2"	BSP PI.	Brass
GV200BH	2"	BSP PI.	Brass
GV250BH	2 1/2"	BSP PI.	Brass
GV300BH	3"	BSP PI.	Brass
GV400BH	4"	BSP PI.	Brass



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## Valves - General &amp; Industrial

## 3 PIECE FULL BORE - MAX. WORKING PRESSURE 1000 psi / 67 bar



PART NO.	SIZE	THREAD	MATERIAL
G3/025SS	1/4"	BSP PI./NPT	Stainless Steel
G3/038SS	3/8"	BSP PI./NPT	Stainless Steel
G3/050SS	1/2"	BSP PI./NPT	Stainless Steel
G3/075SS	3/4"	BSP PI./NPT	Stainless Steel
G3/100SS	1"	BSP PI./NPT	Stainless Steel
G3/125SS	1 1/4"	BSP PI./NPT	Stainless Steel
G3/150SS	1 1/2"	BSP PI./NPT	Stainless Steel
G3/200SS	2"	BSP PI./NPT	Stainless Steel

## 2 PIECE FULL BORE - MAX. WORKING PRESSURE 1000 psi / 67 bar



PART NO.	SIZE	THREAD	MATERIAL
G2/025SS	1/4"	BSP PI./NPT	Stainless Steel
G2/038SS	3/8"	BSP PI./NPT	Stainless Steel
G2/050SS	1/2"	BSP PI./NPT	Stainless Steel
G2/075SS	3/4"	BSP PI./NPT	Stainless Steel
G2/100SS	1"	BSP PI./NPT	Stainless Steel
G2/125SS	1 1/4"	BSP PI./NPT	Stainless Steel
G2/150SS	1 1/2"	BSP PI./NPT	Stainless Steel
G2/200SS	2"	BSP PI./NPT	Stainless Steel

## MINI VALVE - PRESSURE RATING 150 psi / 10 bar



PART NO.	SIZE	THREAD	MATERIAL
MBV25	1/4"	NPT	Brass
MBV38	3/8"	NPT	Brass
MBV50	1/2"	NPT	Brass

Blow-out proof stem with chrome ball.

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## Valves - General & Industrial

### Safety Vented Ball Valves

- Sizes:**
- 1/4" to 1/2" Full Port
  - 3/4" to 2" Standard Port
- Material:** Brass
- Pressure:**
- Maximum working pressure 400 psi / 28 bar
  - 150 psi /10 bar Saturated Steam
- Details:** Female x Female NPT ends. Air only. Lockable ball valves vent downstream air in accordance with new OSHA regulations for pneumatic system.



SAFETY VENTED BALL VALVES		
PART NO.	SIZE	THREAD
BBV25LV	1/4"	NPT
BBV38LV	3/8"	NPT
BBV50LV	1/2"	NPT
BBV75LV	3/4"	NPT
BBV100LV	1"	NPT
BBV125LV	1 1/4"	NPT
BBV150LV	1 1/2"	NPT
BBV200LV	2"	NPT

### Bronze "Deadman" Spring Return Handle Valves

- Sizes:**
- 1/2" Full Port
  - 3/4" to 1" Standard Port
- Materials:**
- Bronze Valve Body
  - Stainless Steel Lever
  - Chromium Plated Ball
- Pressure:** 600 psi / 41 bar WOG, 150 psi / 10 bar Steam
- Details:** Female NPT x Female NPT. Standard Port. Operating torque approx. 3 times standard valve torque. Spring return to open and close valve. Reinforced PTFE Seats and Stuffing Box Ring. Blow-out proof Stem design. Adjustable Packing Gland.



BRONZE "DEADMAN" SPRING RETURN HANDLE VALVE		
PART NO.	SIZE	THREAD
BBV50SR	1/2"	NPT
BBV75SR	3/4"	NPT
BBV100SR	1"	NPT

Other sizes available on request.

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## Valves - General & Industrial

### Steam Ball Valves

- Sizes:** 1/2" to 2" NPT/BSP
- Materials:**
- Threaded Bronze Valve
  - Stainless Steel Ball and Stem
  - Chromium Plated Ball
- Pressure:** 600 psi / 41 bar WOG, 150 psi / 17 bar Steam
- Details:**
- Multi-Fill PTFE Seats
  - Multi-Fill Stuffing Box Ring Blow-out proof Stem design
  - Adjustable Packing Gland



STEAM BALL VALVE		
PART NO.	SIZE	THREAD
BBV50ST	1/2"	NPT / BSP PI.
BBV75ST	3/4"	NPT / BSP PI.
BBV100ST	1"	NPT / BSP PI.
BBV200ST	2"	NPT / BSP PI.

### Carbon Steel Ball Valves

- Sizes:** 1/4" to 2" NPT/BSP
- Materials:** Carbon Steel / Lock Handle
- Pressure:**
- Suitable for 150 psi / 10 bar Steam service
  - 1/4" - 1" rated to 2000 psi / 138 bar
  - 1 1/4" - 2" rated to 1500 psi / 103 bar
- Details:** For control of air, water, oil and gas in hose or pipe lines



CARBON STEEL BALL VALVES		
PART NO.	SIZE	THREAD
IBV25	1/4"	NPT / BSP PI.
IBV38	3/8"	NPT / BSP PI.
IBV50	1/2"	NPT / BSP PI.
IBV75	3/4"	NPT / BSP PI.
IBV100	1"	NPT / BSP PI.
IBV125	1 1/4"	NPT / BSP PI.
IBV150	1 1/2"	NPT / BSP PI.
IBV200	2"	NPT / BSP PI.

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## Valves - General & Industrial

### Locking Handle Ball Valves

**Sizes:** 1/4" to 2" NPT/BSP

**Materials:** Brass

**Pressure:**

- Full Port - Rated to 600 psi / 41 bar WOG and 150 psi / 10 bar Steam
- Standard Port - Rated to 400 psi / 28 bar WOG and 125 psi / 9 bar Steam

**Details:** Female x Female



#### FULL PORT WITH LOCKING HANDLES

PART NO.	SIZE	THREAD
<b>BBLV25</b>	1/4"	NPT / BSP PI.
<b>BBLV38</b>	3/8"	NPT / BSP PI.
<b>BBLV50</b>	1/2"	NPT / BSP PI.
<b>BBLV75</b>	3/4"	NPT / BSP PI.
<b>BBLV100</b>	1"	NPT / BSP PI.



#### STANDARD PORT WITH LOCKING HANDLES

PART NO.	SIZE	THREAD
<b>BBLV125</b>	1 1/4"	NPT / BSP PI.
<b>BBLV150</b>	1 1/2"	NPT / BSP PI.
<b>BBLV200</b>	2"	NPT / BSP PI.

## Valves - General & Industrial

### Polypropylene Valves



SINGLE UNION			
PART NO.	SIZE	THREAD	MATERIAL
SUBV50	1/2"	NPT	Polypropylene
SUBV75	3/4"	NPT	Polypropylene
SUBV100	1"	NPT	Polypropylene
SUBV125	1 1/4"	NPT	Polypropylene
SUBV150	1 1/2"	NPT	Polypropylene
SUBV200	2"	NPT	Polypropylene
SUBV300	3"	NPT	Polypropylene

- Corrosion resistant Polypropylene
- PTFE ball seats, EPDM 'O' Rings
- Rated to 75 psi



STANDARD PORT VALVES NPT ONLY		
PART NO.	SIZE	DESCRIPTION
PV100	1"	Standard 4 bolt
PV200	2"	Standard 4 bolt

- Precision-moulded from strong, chemical resistant
- Reinforced polypropylene. PTFE seats and EPDM
- 'O' Ring seals. Easy to service and easy
- Non-stick operation. Rated to 125 psi



FULL PORT VALVES NPT ONLY		
PART NO.	SIZE	DESCRIPTION
PVFP50	1/2"	4 bolt
PVFP75	3/4"	4 bolt
PVFP100	1"	4 bolt
PVFP150	1 1/2"	4 bolt
PVFP200	2"	6 bolt
PVFP300	3"	6 bolt

- Precision-moulded from strong, chemical resistant
- Reinforced polypropylene. PTFE seats and EPDM
- 'O' Ring seals. Easy to service and easy
- Non-stick operation. Rated to 125 psi

# Valves - General & Industrial

## Foot Valves, Skimmers & Strainers



### FOOT VALVE (SPRING LOADED)

PART NO.	SIZE	THREAD
FVS038EU	3/8"	BSP PI.
FVS050EU	1/2"	BSP PI.
FVS075EU	3/4"	BSP PI.
FVS100EU	1"	BSP PI.
FVS125EU	1 1/4"	BSP PI.
FVS150EU	1 1/2"	BSP PI.
FVS200EU	2"	BSP PI.
FVS250EU	2 1/2"	BSP PI.
FVS300EU	3"	BSP PI.
FVS400EU	4"	BSP PI.



### CAST IRON FOOT VALVE

PART NO.	SIZE	THREAD
FVS200CI/DFVS25	2"	BSP PI./NPT
FVS300CI/DFVS35	3"	BSP PI./NPT
FVS400CI/DFVS40	4"	BSP PI./NPT



### STANDARD - THREADED NPT - ROUND HOLE

PART NO.	SIZE	THREAD
RHS20	1 1/2"	NPT
RHS25	2"	NPT
RHS30	2 1/2"	NPT
RHS35	3"	NPT
RHS40	4"	NPT
RHS50	5"	NPT
RHS60	6"	NPT
RHS80	8"	NPT
RHS100	10"	NPT
RHS120	12"	NPT



### 304 STAINLESS - STEEL THREADED NPT - ROUND HOLE

PART NO.	SIZE	THREAD
RRHS20	1 1/2"	NPT
RRHS25	2"	NPT
RRHS35	3"	NPT
RRHS40	4"	NPT
RRHS60	6"	NPT

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### HOSE SHANKS - ROUND HOLE

PART NO.	SIZE
TCS100	1"
TCS150	1 1/2"
TCS200	2"
TCS300	3"
TCS400	4"
TCS600	6"

## Valves - General &amp; Industrial



## STANDARD - THREADED - ROUND HOLE TYPE

PART NO.	SIZE	THREAD
SHS20	1 1/2"	NPT
SHS25	2"	NPT
SHS35	3"	NPT
SHS40	4"	NPT
SHS60	6"	NPT



## LONG THIN - ROUND HOLE TYPE

PART NO.	SIZE	THREAD
RSS20	1 1/2"	NPT
RSS25	2"	NPT
RSS30	2 1/2"	NPT
RSS35	3"	NPT
RSS40	4"	NPT



## BLACK POLYETHYLENE STRAINER

PART NO.	SIZE	THREAD
TSS20	1 1/2"	NPT
TSS25	2"	NPT
TSS35	3"	NPT

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## SKIMMER - TOP ROUND HOLE TYPE

PART NO.	SIZE	THREAD
DST20	1 1/2"	NPT
DST25	2"	NPT
DST35	3"	NPT

## Valves - General & Industrial

### Cast Iron "Y" Strainers

- Sizes:** 1/4" to 2"
- Materials:**
- Cast Iron Body
  - 304 Stainless Steel Screen
- Pressure:**
- 400 psi / 28 bar air and water
  - 250 psi / 17 bar working steam pressure
- Details:** Female x Female NPT ends



CAST IRON "Y" STRAINERS			
PART No.	SIZE	THREAD	DESCRIPTION
Y001	1/4"	NPT	20 x 20 Mesh
Y002	3/8"	NPT	20 x 20 Mesh
Y003	1/2"	NPT	20 x 20 Mesh
Y004	3/4"	NPT	20 x 20 Mesh
Y005	1"	NPT	20 x 20 Mesh
Y006	1 1/4"	NPT	20 x 20 Mesh
Y007	1 1/2"	NPT	20 x 20 Mesh
Y008	2"	NPT	20 x 20 Mesh

### Bronze "Y" Strainers

- Sizes:** 1/4" to 2"
- Materials:**
- Cast Bronze Body
  - 304 Stainless Steel Screen
- Pressure:**
- 400 psi / 28 bar air and water
  - 300 psi / 20 bar working steam pressure
- Details:** Female x Female NPT ends



BRONZE "Y" STRAINERS			
PART No.	SIZE	THREAD	DESCRIPTION
59-001	1/4"	NPT	50 x 50 Mesh
59-002	3/8"	NPT	50 x 50 Mesh
59-003	1/2"	NPT	50 x 50 Mesh
59-004	3/4"	NPT	50 x 50 Mesh
59-005	1"	NPT	50 x 50 Mesh
59-006	1 1/4"	NPT	50 x 50 Mesh
59-007	1 1/2"	NPT	50 x 50 Mesh
59-008	2"	NPT	50 x 50 Mesh

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## Valves - General & Industrial

### Polypropylene Line "Y" Strainer

- Sizes:** 3/4" to 2"
- Materials:**
- Glass filled Polypropylene
  - All mesh Stainless Steel Screen
- Pressure:** Maximum working pressure 90 psi / 6 bar at 21°C (70°F)
- Details:**
- Female x Female NPT ends
  - Protects and prevents clogging of pipelines, pumps and spray tips
  - Easy access for cleaning



#### POLYPROPYLENE LINE "Y" STRAINERS

PART No.	SIZE	THREAD	DESCRIPTION
PYLS7540	3/4"	NPT	40 Mesh
PYLS10040	1"	NPT	40 Mesh
PYLS15040	1 1/2"	NPT	40/20 Mesh
PYLS20040	2"	NPT	40/20 Mesh

### Polypropylene Line "T" Strainer

- Sizes:** 3/4" to 1"
- Materials:**
- Polypropylene
  - All mesh Stainless Steel Screen
- Pressure:** Maximum working pressure 100 psi / 7 bar at 21°C (70°F)
- Details:**
- Female x Female NPT ends
  - Translucent polypropylene allows easy inspection



#### POLYPROPYLENE LINE "T" STRAINERS

PART No.	SIZE	THREAD	DESCRIPTION
PTLS7540	3/4"	NPT	40 Mesh
PTLS10040	1"	NPT	40 Mesh

ADDITIONAL FILTERS AND STRAINERS AVAILABLE IN HYGIENIC SECTION



## Valves - General & Industrial

### Safety Check Valves & Excess Flow

**Details:** For portable air compressors. Complies with OSHA requirements. Full flow and functions efficiently at high discharge temperatures. Automatically and instantly protects against hose whip. Resets automatically after airline re-pressurises..

**Sizes:** 1/4" to 3"

**Materials:** Brass body and valve construction  
Stainless Steel spring and roll pin

**Pressure:** Maximum working pressure 250 psi / 17 bar

**Temperature:** Maximum 121°C (250°F)

**Purpose:** Automatically senses change in air flow and shuts off the flow in the event of a surge in excess of valve rating. Fully conforms to OSHA regulation 1926.302 requiring safety device at source of air supply and at branch air lines. Controls air flow in only one direction, however, permits flow in either direction.

**Use:** The cut off flow of the selected valve must be less than the actual flow that would occur should a hose or coupling fail. The valve selection must be based on additional guidelines other than compressor rating or hose size. Air flow (scfm) varies with distance of flow and restrictions within each system. Select the pipe size which is the same as the hose with which it will be used. To avoid nuisance cut-offs, the valve should have a nominal cut-off rating of 110% of the maximum consumption of the air tool to be used. Install a cut off valve in each line and branch line subject to rupturing or accidental disconnection. Test each valve for proper function at installation and periodically thereafter. The only time one of these valves will not perform properly is when the tool usage and maximum line flow are close to equal. When start-up is underway, open the Air Control Valve at the Compressor or Manifold VERY SLOWLY to allow air to bleed through the Check Valve so that pressure is equalised on each side of the valve. If the valve fails to operate despite meeting all conditions, check the hose line for obstructions or a Hose Mender restricting normal air flow.

For Rotary Screw & Rotary Vane and Reciprocating Compressors

#### SAFETY CHECK VALVES & EXCESS FLOW



PART NO.	BSP & HOSE I.D. SIZE	CUT-OFF FLOW RATE (CFM at 90 psi)
SCVL2-BSP	1/4"	23-29
SCVM3-BSP	3/8"	39-47
SCVS3-BSP	3/8"	52-65
SCVM4-BSP	1/2"	70-78
SCVS4-BSP	1/2"	80-96
SCVL6-BSP	3/4"	72-88
SCVM6-BSP	3/4"	92-108
SCVR6-BSP	3/4"	112-128
SCVJ6-BSP	3/4"	132-148
SCVS6-BSP	3/4"	160-180
SCVH6-BSP	3/4"	180-200
SCVL8-BSP	1"	165-195
SCVM8-BSP	1"	220-260
SCVS8-BSP	1"	280-320
SCVH8-BSP	1"	310-340
SCVL10-BSP	1 1/4"	260-290
SCVM10-BSP	1 1/4"	300-340
SCVS10-BSP	1 1/4"	440-500
SCVH10-BSP	1 1/4"	570-630
SCVL12-BSP	1 1/2"	300-360
SCVM12-BSP	1 1/2"	470-530
SCVS12-BSP	1 1/2"	640-720
SCVH12-BSP	1 1/2"	750-830
SCVL16-BSP	2"	510-590
SCVM16-BSP	2"	725-825
SCVS16-BSP	2"	900-1050
SCVH16-BSP	2"	1100-1200
SCVL24-BSP	3"	1200-1400
SCVS24-BSP	3"	2400-2700
SCVH24-BSP	3"	2850-3050

**NOT TO BE USED  
IN SAND BLASTING  
APPLICATIONS OR  
WHERE 100% OF  
THE AVAILABLE  
AIR IS REQUIRED**