

Ball Valves



Features and Specifications for Heavy Duty Full Port Ball Valves

FEATURES

- * Forged Brass Construction
- * Blow Out Proof Stem
- * Chrome Plated Brass Ball
- * PTFE Seat Ring
- * Adjustable stem packing nut for 1/4" - 1-1/4"
- * O-Ring Sealing on 1-1/2" & 2"
- * Steel Handle with Vinyl Grip

USE

- * Air, inert gas, and liquid applications
- * Drains and vents in liquid, inert gas, and other fluid services
- * Steam service

SPECIFICATIONS

Product	Temperature Range	PSI	Vacuum Rating
Heavy Duty Full Port Brass Ball Valves	-40°F to +365°F	600 CWP 150 WSP	To 29" Hg



Part #	NPT (F)	Material	QTY	List Price
PCHBV-04	1/4"	Brass	1	\$ 8.56
PCHBV-06	3/8"	Brass	1	\$ 8.56
PCHBV-08	1/2"	Brass	1	\$ 13.39
PCHBV-12	3/4"	Brass	1	\$ 18.42
PCHBV-16	1"	Brass	1	\$ 34.83
PCHBV-20	1 1/4"	Brass	1	\$ 52.89
PCHBV-24	1 1/2"	Brass	1	\$ 76.00
PCHBV-32	2"	Brass	1	\$ 122.89

Part #	NPT (M x F)	Material	QTY	List Price
PCMBV-04	1/4"	Brass	1	\$ 8.83
PCMBV-06	3/8"	Brass	1	\$ 8.83
PCMBV-08	1/2"	Brass	1	\$ 12.81
PCMBV-12	3/4"	Brass	1	\$ 19.08
PCMBV-16	1"	Brass	1	\$ 33.56
PCMBV-20	1 1/4"	Brass	1	\$ 48.25
PCMBV-24	1 1/2"	Brass	1	\$ 69.94
PCMBV-32	2"	Brass	1	\$ 122.56



Features and Specifications for Auto Drain Safety Exhaust Ball Valves

FEATURES

- * Forged Brass Construction
- * Blow Out Proof Stem
- * Chrome Plated Brass Ball
- * Teflon Seals
- * Threaded (10-32) Automatic Vent
- * Auto Drain Ports for Relieving Down Stream Pressure When in the Closed Position.
- * Lockable Steel Handle w/Vinyl Grip
- * Use 9/32" Lock, Lock Not Included

USES

- * Air, inert gas, and liquid applications
- * Threaded auto-drain port for relieving downstream pressure when in closed position
- * Locking handle prevents unauthorized adjustment

SPECIFICATIONS

Product	Temperature Range	PSI	Vacuum Rating
Auto Drain Safety Exhaust Brass Ball Valves	-40°F to +350°F	1/4" - 1": 300 CWP, 150 WSP 1-1/4" & Up: 200 CWP, 150 WSP	Up to 29.9" Hg



Part #	NPT (F)	Material	QTY	List Price
PCADV-04	1/4"	Brass	1	\$ 10.44
PCADV-06	3/8"	Brass	1	\$ 10.92
PCADV-08	1/2"	Brass	1	\$ 14.69
PCADV-12	3/4"	Brass	1	\$ 20.39
PCADV-16	1"	Brass	1	\$ 33.19
PCADV-20	1 1/4"	Brass	1	\$ 58.03
PCADV-24	1 1/2"	Brass	1	\$ 84.39
PCADV-32	2"	Brass	1	\$ 135.44

Features and Specifications for General Purpose Full Port Nickel Plated Brass Ball Valves

FEATURES

- * Forged Brass Body Nickel Plated
- * Full Port
- * PTFE Ball Seats
- * Blow Out Proof Brass Stem
- * Chrome Plated Brass Ball
- * Steel Handle w/Vinyl Grip

USES

- * Air, inert gas, and liquid applications
- * General purpose ball valve, standard quarter turn operation
- * Ideal for controlling flow

SPECIFICATIONS

Product	Temperature Range	PSI	Vacuum Rating
General Purpose Full Port Nickel Plated Brass Ball Valves	0°F to +365°F	600 CWP 150 WSP	Up to 29" Hg



Part #	NPT (F)	Material	QTY	List Price
PCFPC-04	1/4"	Nickel Plated	1	\$ 7.69
PCFPC-06	3/8"	Nickel Plated	1	\$ 7.69
PCFPC-08	1/2"	Nickel Plated	1	\$ 11.08
PCFPC-12	3/4"	Nickel Plated	1	\$ 17.75
PCFPC-16	1"	Nickel Plated	1	\$ 26.14
PCFPC-20	1 1/4"	Nickel Plated	1	\$ 43.83
PCFPC-24	1 1/2"	Nickel Plated	1	\$ 62.17
PCFPC-32	2"	Nickel Plated	1	\$ 89.36

Part #	NPT (M x F)	Material	QTY	List Price
PCMPC-04	1/4"	Nickel Plated	1	\$ 7.08
PCMPC-06	3/8"	Nickel Plated	1	\$ 7.08
PCMPC-08	1/2"	Nickel Plated	1	\$ 11.28
PCMPC-12	3/4"	Nickel Plated	1	\$ 17.08
PCMPC-16	1"	Nickel Plated	1	\$ 27.00

Features and Specifications for Mini Chrome Plated Brass Ball Valves

FEATURES

- * One Piece Brass Nickel Plated Body
- * Blow Out Proof Stem
- * Chrome Plated Brass Ball
- * Viton O-Ring
- * Double Seats Allow Valve to Be Operated in Either Direction
- * Polycarbonate Wedge Handle

USES

- * Air, inert gas, and liquid applications
- * Has an internal stop for panel mount application
- * Double seal allows valve to be operated in both directions for ease in installation

SPECIFICATIONS

Product	Temperature Range	PSI		Vacuum Rating
Mini Chrome Plated Brass Ball Valves	-20°F to +370°F	450 CWP	150 WSP	Up to 29.9" Hg



Part #	NPT (F)	Material	QTY	List Price
PCSBV-02	1/8"	Brass	1	\$ 9.22
PCSBV-04	1/4"	Brass	1	\$ 9.22
PCSBV-06	3/8"	Brass	1	\$ 9.22
PCSBV-08	1/2"	Brass	1	\$ 11.14

Part #	NPT (M x F)	Material	QTY	List Price
PCSMV-02	1/8"	Brass	1	\$ 9.22
PCSMV-04	1/4"	Brass	1	\$ 9.22
PCSMV-06	3/8"	Brass	1	\$ 9.22
PCSMV-08	1/2"	Brass	1	\$ 11.14

Features and Specifications for General Purpose Full Port Nickel Plated Ball Valves with Locking Handle

FEATURES

- * Forged Brass Body Nickel Plated
- * Full Port
- * PTFE Ball Seats
- * Blow Out Proof Brass Stem
- * Chrome Plated Brass Ball
- * Steel Locking Handle w/Vinyl Grip

USES

- * Air, inert gas, and liquid applications
- * General purpose ball valve features locking handle which helps eliminate unauthorized adjustment

SPECIFICATIONS

Product	Temperature Range	PSI	Vacuum Rating
General Purpose Full Port Nickel Plated Ball Valves with Locking Handle	PCLBV -40°F to +365°F	600 CWP	Up to 29" Hg
	PCMLBV 0°F to +365°F	150 WSP	



Part #	NPT (F)	Material	QTY	List Price
PCLBV-04	1/4"	Brass	1	\$ 7.37
PCLBV-06	3/8"	Brass	1	\$ 7.69
PCLBV-08	1/2"	Brass	1	\$ 11.39
PCLBV-12	3/4"	Brass	1	\$ 18.33
PCLBV-16	1"	Brass	1	\$ 26.89

Part #	NPT (M x F)	Material	QTY	List Price
PCMLBV-04	1/4"	Brass	1	\$ 7.31
PCMLBV-06	3/8"	Brass	1	\$ 7.31
PCMLBV-08	1/2"	Brass	1	\$ 11.64
PCMLBV-12	3/4"	Brass	1	\$ 17.58
PCMLBV-16	1"	Brass	1	\$ 27.75

Features and Specifications for Two Piece 316 Stainless Steel Full Port Ball Valves

FEATURES

- * Two Piece 316 Stainless Steel Construction
- * Full Port
- * PTFE Seats and Seals
- * Blow Out Proof Brass Stem
- * Stainless Steel Ball and Stem
- * 304 Stainless Steel Lever Handle w/Vinyl Grip

USES

- * Air, inert gas, and liquid applications

SPECIFICATIONS

Product	Temperature Range	PSI	Vacuum Rating
Two Piece 316 Stainless Steel Full Port Ball Valve	-20°F to +425°F	1000 CWP 150 WSP	Up to 29.9" Hg



Part #	NPT (F)	Material	QTY	List Price
PCSSBV-04	1/4"	316 Stainless Steel	1	\$ 33.94
PCSSBV-06	3/8"	316 Stainless Steel	1	\$ 33.94
PCSSBV-08	1/2"	316 Stainless Steel	1	\$ 38.00
PCSSBV-12	3/4"	316 Stainless Steel	1	\$ 48.14
PCSSBV-16	1"	316 Stainless Steel	1	\$ 70.75

Features and Specifications for Quick Exhaust Valves

Polyconn's quick exhaust valves are designed for the rapid purge of air or exhaust from a pneumatic system. They are most commonly used at cylinder ports to significantly increase cylinder speed, particularly in return cycles. These valves can also be used for applications where a quick alleviation of air pressure or exhaust would be advantageous.

SPECIFICATIONS

Product	Working Temperature	Operating Pressure	Material
Quick Exhaust Valve	0°F to +160°F	Up to 150 PSI	Forged Nickel Plated Brass



Part #	NPT (F)	Material	QTY	List Price
PCQE-02	1/8"	Nickel Plated Brass	1	\$ 9.72
PCQE-04	1/4"	Nickel Plated Brass	1	\$ 11.94
PCQE-06	3/8"	Nickel Plated Brass	1	\$ 14.06
PCQE-08	1/2"	Nickel Plated Brass	1	\$ 20.22
PCQE-12	3/4"	Nickel Plated Brass	1	\$ 24.22
PCQE-16	1"	Nickel Plated Brass	1	\$ 197.75

Now that you have your valves don't forget your tubing!



Polyconn offers Push-In fittings in many different materials!



Polyconn carries Polyurethane, Nylon, Polyethylene and many more materials to choose from!

Available Materials:
Composite
Plastic
Nickel Plated Brass
Stainless Steel
D.O.T. Brass

Polyconn[®] the one-stop shop for your pneumatic needs.