

Series 14

Brass Plated Ball Valves

435 PSI



MICRO BALL VALVE

Specifications

Maximum Working Pressure

435 PSI

Working Temperature

-18°C to 80°C (0°F to 160°F)

Construction

Body : Chrome Nickel Plated Brass

Handle : Glass Reinforced Plastic

Seat : PTFE

Ball : Chrome Nickel Plated Brass

MALE/FEMALE THREAD

Part No.	Air Inlet (M) NPT In.	Air Outlet (F) NPT In.
14.1002	1/8	1/8
14.1004	1/4	1/4
14.1006	3/8	3/8
14.1007	1/2	1/2

FEMALE/FEMALE THREAD

Part No.	Thread (F) NPT In.
14.1012	1/8
14.1014	1/4
14.1016	3/8
14.1017	1/2

450 PSI



MINI BALL VALVE

Applications

- Ideal for compressed air, water, gas, oil and cooling agents

Features

- Maintenance free
- Compact design
- Bi-directional operation makes installation easier
- 100% Straight through flow

FEMALE/FEMALE THREAD

Part No.	Thread (F) NPT In.
14.1102	1/8
14.1104	1/4
14.1106	3/8
14.1107	1/2

MALE/FEMALE THREAD

Part No.	Air Inlet (F) NPT In.	Air Outlet (M) NPT In.
14.1112	1/8	1/8
14.1114	1/4	1/4
14.1116	3/8	3/8
14.1117	1/2	1/2

Specifications

Maximum Working Pressure

450 PSI

Working Temperature

20°C to 93°C (-4°F to 200°F)

Construction

Body : Brass Nickel Plated

Handle : Nylon

Seat : Hochst PTFE

Ball : Brass Nickel Plated

400 PSI



BALL VALVE

Applications

- Ideal for compressed air, water, oil and industrial applications

Features

- Two-piece body
- 100% Straight through flow, minimal pressure drop
- Maintenance free
- Corrosion and wear resistant

Part No	Thread (F) NPT In.
14.1204	1/4
14.1206	3/8
14.1207	1/2
14.1208	3/4
14.1209	1
14.1214	1 1/4
14.1217	1 1/2
14.1220	2
14.1227	2 1/2
14.1230	3
14.1240	4



Specifications

Maximum Working Pressure

400 PSI

Working Temperature

-30°C to 180°C (-22°F to 356°F)

Construction

Body : Brass Nickel Plated

Handle : Steel

Seat : Teflon

Ball : Brass Nickel Plated

BALL VALVE 600 PSI / 150 WSP

Part No.	Thread (F) NPT in.
14.1404	1/4
14.1406	3/8
14.1407	1/2
14.1408	3/4
14.1409	1
14.1414	1-1/4
14.1417	1-1/2
14.1420	2
14.1440	4

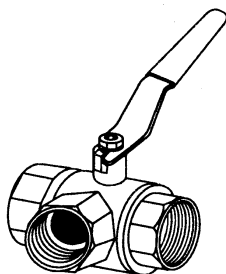


BALL VALVE WITH "T" HANDLE

Part No.	Thread (F) NPT in.
14.1407	1/2
14.1408	3/4
14.1409	1

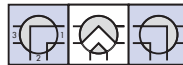
LOCKABLE BALL VALVE

Part No.	Thread (F) NPT in.
14.1504	1/4
14.1506	3/8
14.1507	1/2
14.1508	3/4
14.1509	1
14.1514	1-1/4
14.1517	1-1/2
14.1520	2



Model A

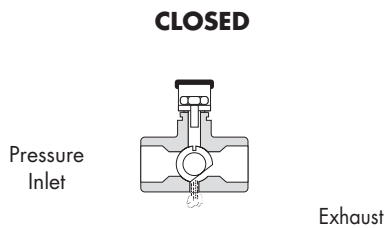
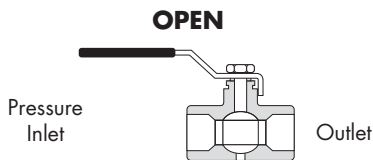
3-WAY BALL VALVE



Part No.	Thread (F) NPT in.	Model
14.3104	1/4	B
14.3106	3/8	B
14.3107	1/2	A
14.3108	3/4	A
14.3109	1	A



Model B



SAFETY EXHAUST BALL VALVE

Part No.	Thread (F) NPT in.
14.3204	1/4
14.3206	3/8
14.3207	1/2
14.3208	3/4
14.3209	1
14.3214	1-1/4
14.3217	1-1/2
14.3220	2



Exhaust

Applications

- Ideal for compressed air, water, gas, oil and cooling agents

Features

- Allows complete release of downstream pressure
- Allow the use of a padlock to lock the valve in the closed position
- Teflon PTFE seals

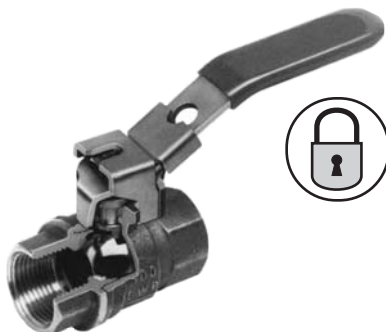
Specifications

Maximum Working Pressure
175 PSI

Working Temperature
10°C to 49°C (50°F to 120°F)

Construction

Body : Nickel plated brass
Lever : Steel
Seat : Teflon PTFE
Ball : Chrome Plated Brass



Series 14

Ball valve for tube



STRAIGHT

Part No.	Tube	Thread (M) NPT in.
14.2056	1/8	1/4
14.2058	1/4	1/4
14.2062	3/8	1/4
14.2068	1/8	5/16
14.2070	1/4	5/16
14.2074	3/8	5/16
14.2082	1/4	3/8
14.2084	3/8	3/8
14.2086	1/2	3/8
14.2092	1/4	1/2
14.2094	3/8	1/2
14.2096	1/2	1/2



ELBOW

Part No.	Tube	Thread (M) NPT in.
14.2156	1/8	1/4
14.2158	1/4	1/4
14.2162	3/8	1/4
14.2168	1/8	5/16
14.2170	1/4	5/16
14.2174	3/8	5/16
14.2182	1/4	3/8
14.2184	3/8	3/8
14.2186	1/2	3/8
14.2192	1/4	1/2
14.2194	3/8	1/2
14.2196	1/2	1/2

Applications

- Used for controlling air supply in the opened and closed positions.

Features

- Available for water as well as air with PPS resin body.
- The sectional dimension of the compact body optimizes as much flow as the tube capacity in proportion.

Specifications

Construction

Tube in polyurethane and nylon.



MENDER

Part No.	Tube 1	Tube 2
14.2258	1/4	1/4
14.2272	5/16	5/16
14.2284	3/8	3/8
14.2296	1/2	1/2



MENDER REDUCER

Part No.	Tube 1	Tube 2
14.2370	5/16	1/4
14.2394	1/2	3/8

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1000 PSI



Applications

- Ideal for food processing plants, pharmaceutical plants, paper mills, chemical product transferring and other industrial applications

Features

- Superior quality
- Full flow
- Maintenance free and extended service life
- Exceptional corrosion and wear resistance

Specifications

Maximum Working Pressure

1000 PSI

Working Temperature

-29 °C to 232 °C (-20 °F to 450 °F)

Construction

Body : Stainless Steel

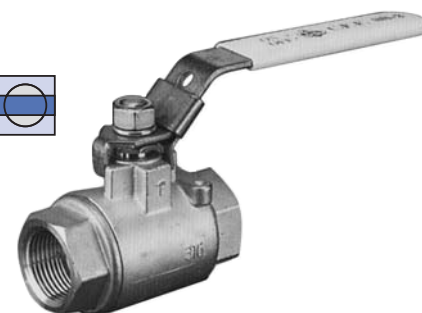
Handle : Stainless Steel

Seat : Teflon

Ball : Stainless Steel

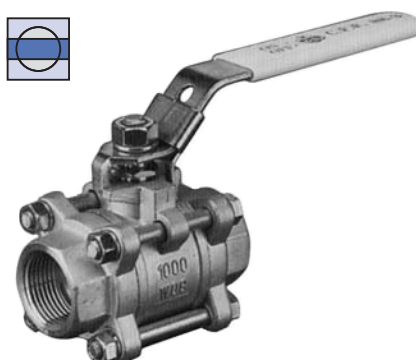
2 PIECE BALL VALVE

Part No.	Thread (F) NPT in.
14.4104	1/4 (2000 PSI)
14.4106	3/8
14.4107	1/2
14.4108	3/4
14.4109	1
14.4114	1 1/4
14.4117	1 1/2
14.4120	2
14.4127	2 1/2
14.4130	3



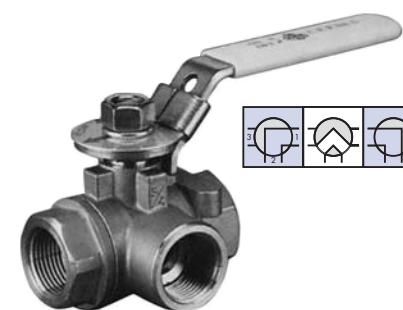
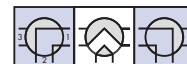
3 PIECE BALL VALVE

Part No.	Thread (F) NPT in.
14.4204	1/4
14.4206	3/8
14.4207	1/2
14.4208	3/4
14.4209	1
14.4214	1 1/4
14.4217	1 1/2
14.4220	2
14.4227	2 1/2
14.4230	3
14.4240	4



3-WAY BALL VALVE

Part No.	Thread (F) NPT in.
14.4307	1/2
14.4308	3/4
14.4309	1
14.4317	1 1/2
14.4320	2



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2/2 BRASS SOLENOID VALVE

300 PSI

Port Size (F) NPT	Voltage	Normally Closed	Normally Opened
1/4	12 VDC	14.5132	14.5142
1/4	24 VDC	14.5133	14.5143
1/4	24 VAC	14.5136	14.5146
1/4	120 VAC - Standard	14.5137	14.5147
1/4	240 VAC	14.5138	14.5148
Replacement coil		78.518	78.108

Port Size (F) NPT	Voltage	Normally Closed	Normally Opened
3/8	12 VDC	14.5152	14.5162
3/8	24 VDC	14.5153	14.5163
3/8	24 VAC	14.5156	14.5166
3/8	120 VAC - Standard	14.5157	14.5167
3/8	240 VAC	14.5158	14.5168

Replacement diaphragm kit 14.5194
Replacement coil 78,108...

Port Size (F) NPT	Voltage	Normally Closed	Normally Opened
1/2	12 VDC	14.5172	14.5182
1/2	24 VDC	14.5173	14.5183
1/2	24 VAC	14.5176	14.5186
1/2	120 VAC - Standard	14.5177	14.5187
1/2	240 VAC	14.5178	14.5188

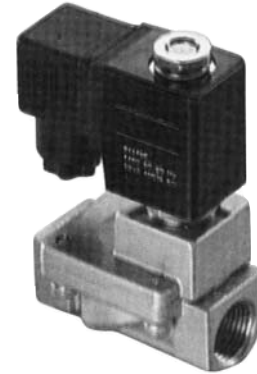
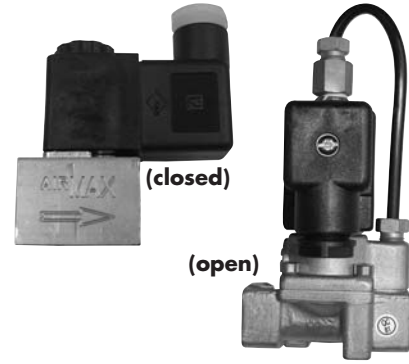
Replacement diaphragm kit 14.5195
Replacement coil 14,530...

2/2 NYLON SOLENOID VALVE

150 PSI

Port Size (F) NPT	Voltage	Normally Closed	Normally Opened
3/4	12 VDC	14.5212	14.5222
3/4	24 VDC	14.5213	14.5223
3/4	24 VAC	14.5216	14.5226
3/4	120 VAC - Standard	14.5217	14.5227
3/4	240 VAC	14.5218	14.5228

Replacement diaphragm kit 14.5292
Replacement coil 78,108...



Applications

- Allows control of network branches through an electrical signal
- Ideal for compressed air, water and any other non corrosive liquids

Features

- Pilot diaphragm operated
- Standard DIN connector
- Good extended service life
- Corrosion and wear resistance
- Continuous duty

Specifications

Maximum Working Pressure

Refer to port size selected

Working Temperature

-10 °C to 50 °C (14 °F to 122 °F)