

INSTALLATION DATA SHEET

FORGED BALL VALVE - FULL PORT

Applications:

W.O.G. = WATER, OIL AND GAS W.S.P. = WORKING STEAM PRESSURE

Assembly: (Threaded End Ball Valves)

Make sure surfaces are clear and free of debris on the piping connection

Use PTFE tape or approved sealant is recommended

Prepare two smooth-jawed adjustable wrenches when installing the valve

Note: A loosely fitting wrench can distort the valve and cause a leak

Apply one wrench on the hex nearest the joint being tightened to prevent breaking the seal between the end cap and body of the valve.



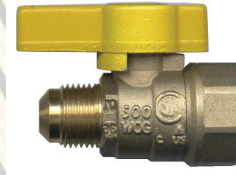
PIPE
Female
To
Female

PART No.
BV5221-C
BV5221-D
BV5221-E



Pipe
3/8
1/2
3/4

C.S.A. certified to 5 P.S.I.
Temperature: -40°F to +125°F, -40°C to +52°C.



FLARE
Tube
To
Female Pipe

PART No. Tube
BV5046-6D 3/8
BV5046-8D 1/2
BV5046-15/16D 15/16
BV5046-15/16E 15/16



Pipe
1/2
1/2
1/2
3/4

C.S.A. certified to 5 P.S.I. from the appliance to the meter.
Temperature: -40°F to +125°F, -40°C to +52°C.

NOTE: Always test valve and system before putting system into service. (Disassembling this valve to attempt internal repairs is not recommended.)



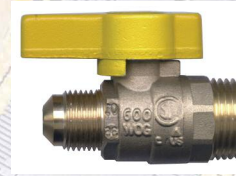
PIPE
Female
To
Female

PART No.
BV5223-D
BV5223-E



Pipe
1/2
3/4

C.S.A. certified to 5 P.S.I.
Temperature: -40°F to +125°F, -40°C to +52°C.



FLARE
Tube
To
Male Pipe

PART No. Tube
BV5048-6D 3/8
BV5048-8D 1/2



Pipe
1/2
1/2

C.S.A. certified to 5 P.S.I. from the appliance to the meter.
Temperature: -40°F to +125°F, -40°C to +52°C.

CAUTION: Do not attempt to remove valve while under pressure nor with entrapped hazardous fluid therein.



FLARE
Tube
To
Tube

PART No.
BV5042-6
BV5042-8
BV5042-10

Tube
3/8
1/2
5/8

C.S.A. certified to 5 P.S.I. from the appliance to the meter.
Temperature: -40°F to +125°F, -40°C to +52°C.

Installation guide for threaded, brass, full port, two piece ball valves. (BV5221 SERIES, BV5223 SERIES, BV5042 SERIES, BV5046 SERIES, & BV5048 SERIES)