

# 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.	Pipe	W.O.G.	W.S.P.
BV2103-A	1/8	600	150
BV2103-B	1/4	600	150
BV2103-C	3/8	600	150
BV2103-D	1/2	600	150
BV2103-E	3/4	600	150
BV2103-H	1	600	150
BV2103-J	1-1/4	600	150
BV2103-K	1-1/2	600	150
BV2103-M	2	600	150
BV2103-N	2-1/2	400	150
BV2103-P	3	400	150



**PIPE  
Female  
To  
Female**

PART No.	Pipe	W.O.G.	W.S.P.
BV2103-B-LH	1/4	600	150
BV2103-C-LH	3/8	600	150
BV2103-D-LH	1/2	600	150
BV2103-E-LH	3/4	600	150
BV2103-H-LH	1	600	150
BV2103-J-LH	1-1/4	600	150
BV2103-K-LH	1-1/2	600	150
BV2103-M-LH	2	600	150

Installation guide for threaded, brass, full port, two piece ball valves. (BV2103 SERIES, BV4103 SERIES, BVSE2103 SERIES, BV2101 SERIES, BV9500 SERIES)

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

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