



# B280B

## Economy Ball Valve

MODEL: B280B

## 2-Piece Ball Valve

Two Piece Ball Valve Full Port 1000WOG

### PRODUCT FEATURES

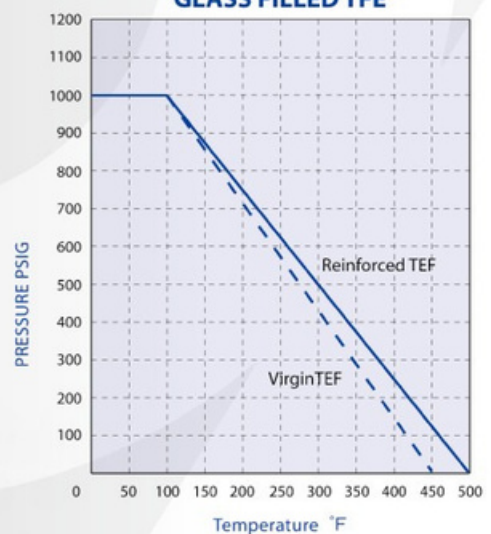
- Two-Piece Ball Valve
- Manufacture & Tested to MSS SP-110, API 598
- Various Thread Types Available (NPT, BSP, & Etc.)
- For General Purpose Industrial and Chemical Applications
- Blow-Out Proof Stem

### SPECIFICATION

- Investment Casting Body
- Pressure Rating: 1000 PSI WOG
- Size Available: 1/4 to 2"



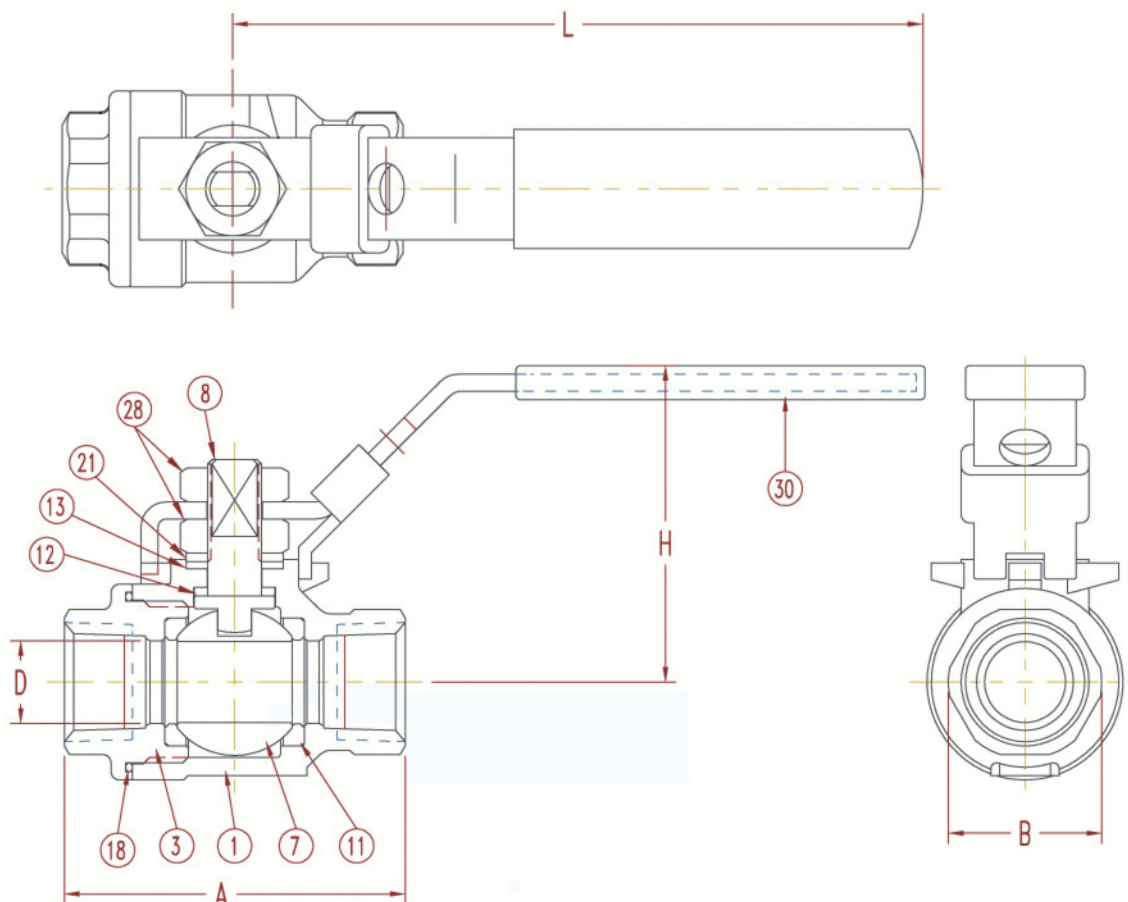
R-TFE SEATS  
GLASS FILLED TFE



Keeping Safe  
with safe Valves

KJV valves offer positive solutions for all your flow-control applications

# B280B



## MATERIAL LIST

| ITEM | QTY | PART NAME     | B280B -1        | B280B -3 |
|------|-----|---------------|-----------------|----------|
| 1    | 1   | BODY          | A351-CF8/CF8M   | A216-WCB |
| 3    | 1   | BODY CAP      | A351-CF8/CF8M   | A216-WCB |
| 7    | 1   | BALL          | SS 304 / SS 316 |          |
| 8    | 1   | STEM          | SS 304 / SS 316 |          |
| 11   | 2   | SEAT          | RTFE / PTFE     |          |
| 12   | 1   | STEM SEAL     | RTFE / PTFE     |          |
| 13   | 1   | THRUST WASHER | RTFE / PTFE     |          |
| 18   | 1   | O-RING        | NBR             |          |
| 21   | 1   | PLATE WASHER  | SS 304          |          |
| 28   | 2   | NUT           | SS 304          |          |
| 30   | 1   | HANDLE        | SS 304          |          |

## DIMENSIONS

| NPS<br>DN | A      | B     | D     | L      | H     | IN/MM<br>WEIGHT<br>LBS/KG |
|-----------|--------|-------|-------|--------|-------|---------------------------|
| 1/4"      | 1.93   | 0.67  | 0.37  | 3.22   | 1.46  | 0.243                     |
| 8         | 49.00  | 17.00 | 9.50  | 82.00  | 37.20 | 0.110                     |
| 3/8"      | 1.95   | 0.83  | 0.37  | 3.22   | 1.46  | 0.265                     |
| 10        | 49.50  | 21.00 | 9.50  | 82.00  | 37.20 | 0.120                     |
| 1/2"      | 2.24   | 1.02  | 0.49  | 3.22   | 1.55  | 0.375                     |
| 15        | 57.00  | 26.00 | 12.50 | 82.00  | 39.55 | 0.170                     |
| 3/4"      | 2.78   | 1.26  | 0.75  | 4.80   | 1.93  | 0.829                     |
| 20        | 70.60  | 32.00 | 19.00 | 122.00 | 49.00 | 0.376                     |
| 1"        | 3.28   | 1.49  | 0.98  | 4.80   | 2.17  | 1.166                     |
| 25        | 83.40  | 38.00 | 25.00 | 122.00 | 55.00 | 0.529                     |
| 1-1/4"    | 3.71   | 1.91  | 1.25  | 5.19   | 2.78  | 2.010                     |
| 32        | 94.20  | 48.50 | 31.75 | 132.00 | 70.50 | 0.912                     |
| 1-1/2"    | 4.15   | 2.20  | 1.50  | 7.16   | 3.05  | 2.939                     |
| 40        | 105.40 | 56.00 | 38.00 | 182.00 | 77.50 | 1.333                     |
| 2"        | 4.88   | 2.72  | 1.97  | 7.16   | 3.41  | 4.612                     |
| 50        | 124.00 | 69.00 | 50.00 | 182.00 | 86.50 | 2.092                     |



**Kong Jih Valve Industrial Co., Ltd**

Tel: +886-4-2681 3379  
Fax: +886-4-2682 1368  
E-mail: [marketing@ksvalve.com](mailto:marketing@ksvalve.com)