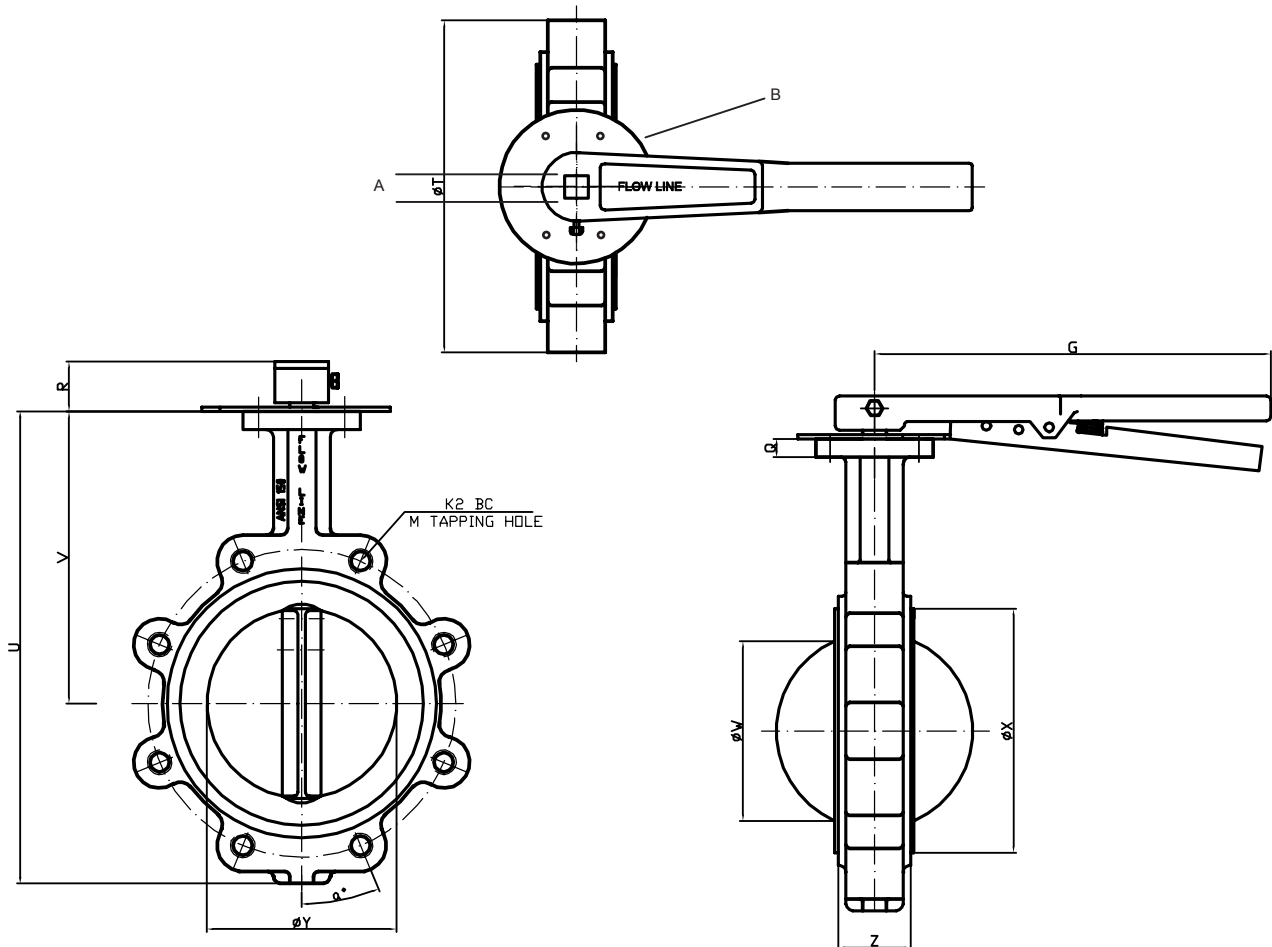


| Valve Size | Z | Y | X | W | V | U | T | R | Q | G | A | B | JOINT FLANGE DRILLING | | | | WGT lb | |
|------------|------|-------|-------|-------|-------|-------|-------|------|------|-----|-------|------|-----------------------|---------|----|------|--------|----|
| | | | | | | | | | | | | | K2 | # HOLES | M | a° | | |
| 2 | 1.69 | 2.07 | 3.00 | 1.26 | 6.34 | 9.49 | 4.65 | 0.98 | 0.51 | 9.5 | 0.551 | 2.76 | F07 | 4.75 | 4 | 5/8" | 45° | 11 |
| 2-1/2 | 1.81 | 2.53 | 3.50 | 1.81 | 6.89 | 10.39 | 5.39 | 0.98 | 0.51 | 9.5 | 0.551 | 2.76 | F07 | 5.5 | 4 | 5/8" | 45° | 12 |
| 3 | 1.78 | 3.10 | 4.09 | 2.52 | 7.13 | 10.87 | 7.01 | 0.98 | 0.51 | 9.5 | 0.551 | 2.76 | F07 | 6 | 4 | 5/8" | 45° | 13 |
| 4 | 2.05 | 4.09 | 5.31 | 3.54 | 7.87 | 12.36 | 8.11 | 0.98 | 0.51 | 9.5 | 0.551 | 2.76 | F07 | 7.5 | 8 | 5/8" | 22.5° | 22 |
| 5 | 2.19 | 4.85 | 6.26 | 4.37 | 8.39 | 13.39 | 9.37 | 1.18 | 0.51 | 11 | .670 | 2.76 | F07 | 8.5 | 8 | 3/4" | 22.5° | 26 |
| 6 | 2.19 | 6.13 | 7.42 | 5.71 | 8.90 | 14.37 | 10.47 | 1.18 | 0.51 | 11 | .670 | 2.76 | F07 | 9.5 | 8 | 3/4" | 22.5° | 34 |
| 8 | 2.39 | 7.97 | 9.38 | 7.56 | 10.24 | 17.13 | 12.95 | 1.18 | 0.51 | 11 | 0.866 | 4.02 | F10 | 11.75 | 8 | 3/4" | 22.5° | 45 |
| 10 | 2.68 | 9.86 | 11.51 | 9.53 | 11.50 | 19.49 | 15.47 | 1.26 | 0.51 | 15 | 0.866 | 4.02 | F10 | 14.25 | 12 | 7/8" | 15° | 64 |
| 12 | 3.03 | 11.87 | 13.54 | 11.50 | 13.27 | 22.80 | 18.19 | 1.26 | 0.79 | 15 | 0.866 | 4.02 | F10 | 17 | 12 | 7/8" | 15° | 93 |



| | | | | | |
|------------------|-----------------|--|--|-------------|-----|
| VALVE SIZE | FLANGE DRILLING | DIMENSIONAL DATA SHEET LUG TYPE BUTTERFLY VALVES GEAR OPERATOR SERIES 85 SIZES 2"-12" | | PART NO. | |
| PRESSURE RATING | | | | DRAWING NO. | REV |
| CUSTOMER/PROJECT | | | | FL85-001 | A |
| INQ/PO NO. | | | | DATE | |
| ORDER NO. | | | | 6/15/09 | |
| CERTIFIED BY | DATE | | | | |