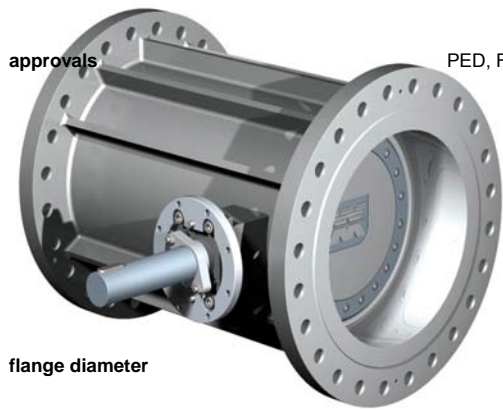


butterfly valve  
connection

flanged - long pattern flanged valve  
gate valve replacement

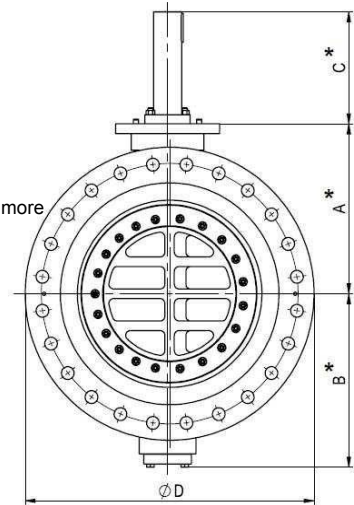
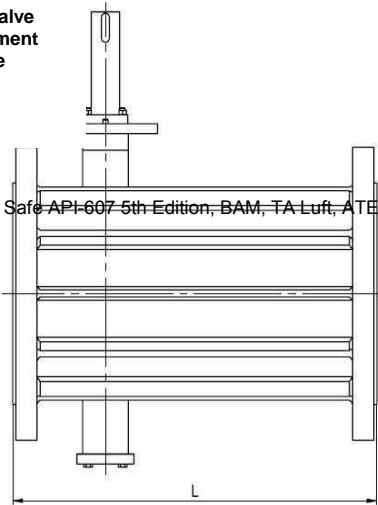
bare shaft  
available sizes  
pressure classes

automation options are available  
3" - 40", other sizes on request  
ANSI 150, 300, 600



approvals

PED, Fire Safe API-607 5th Edition, BAM, TA Luft, ATEX, and more



flange diameter

## specification

|                          |  |
|--------------------------|--|
| materials                | carbon steel, stainless steel, special materials (duplex, Inconel, bronze, or other)   |
| function                 | on/off or modulating   |
| pressure range           | body pressure up to ANSI class 600   |
|                          | Trim A - shaft design for maximum $\Delta p$ in both directions of 290 psi, for <b>Class 150</b>                                   |
|                          | Trim X (std) - shaft design for maximum $\Delta p$ in both directions of 754 psi, for <b>Class 300</b> (or Class 150)              |
|                          | Trim B - shaft design for maximum $\Delta p$ in both directions of 1500 psi, for <b>Class 600</b>                                  |
| Cv [gpm]                 | Trim A $\Delta p$ max 290 psi<br>Trim X $\Delta p$ max 754 psi<br>Trim B $\Delta p$ max 1500 psi<br>Trim C $\Delta p$ max 2250 psi |
| leak rate                | API-6D, API-598 Resilient, 1 DIN 3230 A DIN EN 12266, BS 6364  |
| preferred flow direction | bi-directional with preferred direction indicated on valve   |
| process temperatures     | standard +14°F to +842°F   |
|                          | with Special Design for Cryogenic, 100°K to 27268-1986   |

## dimensional data

| size                      | [inch]   |   | 3     | 4     | 5 | 6     | 8     | 10    | 12    | 14    | 16    | 18    | 20    | 24    |
|---------------------------|----------|---|-------|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| pipe cl to mounting plate | A        |   | 5.04  | 6.38  | - | 7.99  | 9.45  | 10.98 | 12.01 | 12.80 | 15.16 | 15.94 | 17.32 | 20.87 |
| pipe cl to cover screws   | B        |   | 5.08  | 6.22  | - | 8.03  | 9.49  | 11.06 | 12.09 | 13.11 | 15.08 | 15.87 | 17.36 | 21.30 |
| shaft height from plate   | C        |   | 3.74  | 4.92  | - | 5.71  | 7.09  | 7.09  | 7.09  | 11.02 | 11.38 | 11.81 | 12.17 | 12.60 |
|                           | ANSI 150 | D | 7.48  | 9.06  | - | 11.02 | 13.86 | 15.94 | 19.09 | 21.65 | 23.23 | 25.20 | 27.56 | 32.09 |
|                           | ANSI 300 | D | 8.27  | 10.00 | - | 12.60 | 14.96 | 17.52 | 20.28 | 23.03 | 25.98 | 27.95 | 30.31 | 35.75 |
|                           | ANSI 600 | D | 8.27  | 10.83 | - | 13.98 | 16.54 | 20.00 | 22.05 | 23.82 | 26.97 | 29.33 | 32.09 | 37.01 |
|                           | ANSI 150 | L | 8.00  | 9.00  | - | 10.50 | 11.50 | 13.00 | 14.00 | 15.00 | 16.00 | 17.00 | 18.00 | 20.00 |
|                           | ANSI 300 | L | 11.12 | 12.00 | - | 15.88 | 16.50 | 18.00 | 19.75 | 30.00 | 33.00 | 36.00 | 39.00 | 45.00 |
|                           | ANSI 600 | L | 14.00 | 17.00 | - | 22.00 | 26.00 | 31.00 | 32.00 | 35.00 | 39.00 | 42.00 | 47.00 | 55.00 |

## Cv value

| size | [inch] |  | 3   | 4   | 5   | 6   | 8    | 10   | 12   | 14   | 16   | 18    | 20    | 24    |
|------|--------|--|-----|-----|-----|-----|------|------|------|------|------|-------|-------|-------|
|      |        |  | 137 | 300 | 486 | 810 | 1755 | 3030 | 4462 | 6370 | 9237 | 12483 | 15024 | 24013 |
|      |        |  | 137 | 300 | 486 | 760 | 1680 | 2850 | 4326 | 5953 | 8513 | 11612 | 14091 | 22387 |
|      |        |  | 117 | 242 | 400 | 670 | 1458 | 2469 | 3698 | 5185 | 7305 | 10160 | 11913 | -     |
|      |        |  | 117 | 242 | 400 | 670 | 1353 | 2228 | 3402 | 4607 | 6580 | 9290  | 10979 | -     |

This valve's technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials, and characteristics. Specifications subject to change.