

## BUTTERFLY VALVE



| SPECIFICATION   |             |                  |                   |
|-----------------|-------------|------------------|-------------------|
| Design & MFG.   | API 609     | Flange Design    | ASME B16.5&B16.47 |
| Face To Face    | ASME B16.10 | Materials        | ASTM STANDARD     |
| Press-Temp Rat. | ASME B16.34 | Butt Weld Design | ASME B16.25       |

### CAST STEEL BUTTERFLY VALVES MANUFACTURING PROGRAM

| Valve Type                     |                                      | Class | Size(in,mm) |          |         |          |          |          |          |           |           |           |           |           |           |           |           |           |           |             |            |
|--------------------------------|--------------------------------------|-------|-------------|----------|---------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|------------|
|                                |                                      |       | 2<br>50     | 2½<br>65 | 3<br>80 | 4<br>100 | 5<br>125 | 6<br>150 | 8<br>200 | 10<br>250 | 12<br>300 | 14<br>350 | 16<br>400 | 18<br>450 | 20<br>500 | 24<br>600 | 28<br>700 | 32<br>800 | 36<br>900 | 400<br>1000 | 48<br>1200 |
| Category A:<br>Concentric Seat |                                      | 150   | ✓           | ✓        | ✓       | ✓        | ✓        | ✓        | ✓        | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓           |            |
| Category B:<br>Offset Seat     | Lug &<br>Wafer                       | 150   | ✓           | ✓        | ✓       | ✓        | ✓        | ✓        | ✓        | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓           |            |
|                                |                                      | 300   | ✓           | ✓        | ✓       | ✓        | ✓        | ✓        | ✓        | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓           |            |
|                                |                                      | 600   | ✓           | ✓        | ✓       | ✓        | ✓        | ✓        | ✓        | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         |           |             |            |
|                                | Double<br>Flange<br>Long<br>Pattern  | 150   | ✓           | ✓        | ✓       | ✓        | ✓        | ✓        | ✓        | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         |           |             |            |
|                                |                                      | 300   | ✓           | ✓        | ✓       | ✓        | ✓        | ✓        | ✓        | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         |           |             |            |
|                                |                                      | 600   | ✓           | ✓        | ✓       | ✓        | ✓        | ✓        | ✓        | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓           | ✓          |
|                                | Double<br>Flange<br>Short<br>Pattern | 150   | ✓           | ✓        | ✓       | ✓        | ✓        | ✓        | ✓        | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓           | ✓          |
|                                |                                      | 300   | ✓           | ✓        | ✓       | ✓        | ✓        | ✓        | ✓        | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓           | ✓          |
|                                |                                      | 600   | ✓           | ✓        | ✓       | ✓        | ✓        | ✓        | ✓        | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         | ✓         |           |           |           |             |            |