

### Electric Butterfly Valves

PN16/235PSI/Class125

220V/ 380V • Multi-stage Aluminum Alloy Housing

Asynchronous Motor • Precision Gear

Moisture-proof Heating Resistor • Epoxy Resin Coating

90° Rotation • IP67 Protection

Lug Style, Flange Dimension EN1092-2, ANSI B16.1 Class 125

| Sealing Performance |              |
|---------------------|--------------|
| EPDM                | -20°C- 120°C |
| NBR                 | -10°C- 80°C  |
| VITON               | -20°C- 150°C |

| Hydraulic Pressure Test |                 |
|-------------------------|-----------------|
| Body                    | 2.4Mpa/24Bar    |
| Seat                    | 1.76Mpa/17.6Bar |

#### Materials List

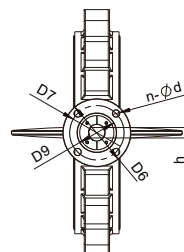
| No | Part               | Specification      | BS EN        | ASTM          |
|----|--------------------|--------------------|--------------|---------------|
| 1  | Body               | Ductile Iron       | BSEN 1563    | A536 65-45-12 |
| 2  | Bottom Stem        | Stainless Steel    | BSEN 10088-1 | A582 420      |
| 3  | Disc               | Ductile Iron       | BSEN 1563    | A536 65-45-12 |
|    |                    | Stainless Steel    | BS970 304S15 | CF8           |
|    |                    | Aluminum Bronze    | 1400AB2      | B148 Ay 954   |
| 4  | Upper Stem         | Stainless Steel    | BSEN 10088-1 | A582 420      |
| 5  | Seat               | EPDM               | EPDM         | EPDM          |
|    |                    | NBR                | NBR          | NBR           |
|    |                    | VITON              | VITON        | VITON         |
| 6  | Bushing            | Composite Material | PTFE&Bronze  | PTFE&Bronze   |
| 7  | Retaining Cap      | Steel              | BSEN 10087   | A307          |
| 8  | Electric Actuators | Other              |              |               |

\* Figure number - EH for ON/OFF control, - RH for regulating control,  
4 ~ 20mA or 0 ~ 10V, Please specify when ordering.

#### Dimensions

| mm      | 350    | 400    | 450    | 500    |
|---------|--------|--------|--------|--------|
| In      | 14     | 16     | 18     | 20     |
| A       | 272    | 296    | 340    | 364    |
| B       | 320    | 340    | 398    | 430    |
| C       | 78     | 102    | 114    | 127    |
| E       | 240    | 258    | 258    | 258    |
| PCD     | 470    | 525    | 585    | 650    |
| N-M     | 16-M24 | 16-M27 | 20-M27 | 20-M30 |
| h       | 24     | 27     | 27     | 32     |
| D6      | 125    | 175    | 175    | 175    |
| D7      | 102    | 140    | 140    | 140    |
| D9      | 70     | 100    | 100    | 100    |
| n-Φd    | 4-12   | 4-18   | 4-18   | 4-18   |
| ISO5211 | F10    | F14    | F14    | F14    |

Note: Steam services are not recommended.



HB960/S-EH/ RH

14" - 20"

