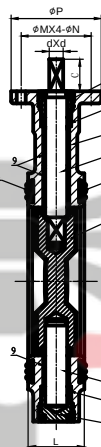
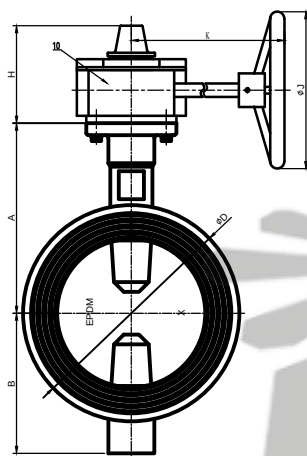


# API 609 Wafer Butterfly Valve (JKDWD-371X)

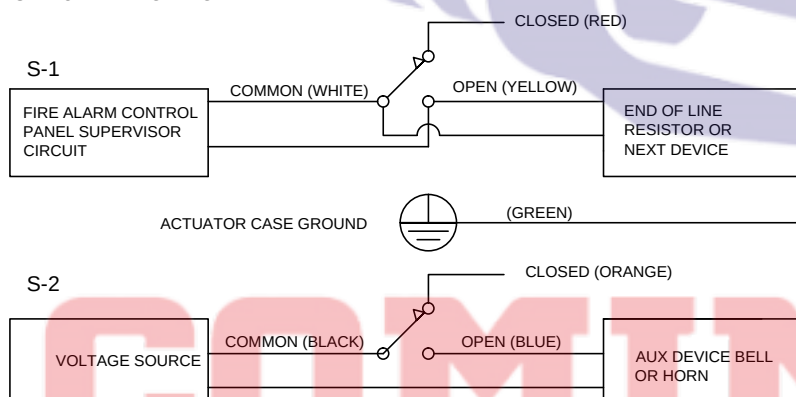


## MATERIAL SPECIFICATION

| PART NO. | Description             | Material Specification    | Remark                  |
|----------|-------------------------|---------------------------|-------------------------|
| 1        | Upper Shaft Sealing Nut | WCB                       | ASTM A216               |
| 2        | Shaft Seal              | EPDM                      | ASTM D2000              |
| 3        | Body                    | DI                        | ASTM A536               |
| 4        | Upper Shaft             | SS416                     | ASTM A582               |
| 5        | Disc                    | DI+EPDM                   |                         |
| 6        | Lower Shaft             | SS416                     | ASTM A582               |
| 7        | Lower Shaft Sealing Nut | WCB                       | ASTM A216               |
| 8        | End Face Seal           | EPDM                      | ASTM D2000              |
| 9        | Stem Bushing            | 8":C95400<br>2.5"-6":PTFE | ASTM B148<br>ASTM D4894 |
| 10       | Gear Box                |                           |                         |

Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list

## SWITCH WIRING DIAGRAM



- Design Standard: MSS SP-67
- Connection Ends: Flange to ASME B16.1 CL125
- Top Flange Standard: ISO 5211  
Stem drive by keys, parallel or diagonal square or flat head
- Working Pressure: 300PSI  
175PSI, 200PSI and 250PSI available upon request
- Temperature Range: 0°C- 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550 or painting upon request

| Item No.    | DN   | Dimensions(Inch) |      |      |       |      |      |      |       |      |      |      |      |
|-------------|------|------------------|------|------|-------|------|------|------|-------|------|------|------|------|
|             |      | A                | B    | C    | D     | H    | K    | J    | P     | M    | N    | d    | L    |
| JKDWD371X02 | 2"   | 4.33             | 3.35 | 1.26 | 3.94  | 4.37 | 6.02 | 5.00 | 5.98  | 3.54 | 2.76 | 0.35 | 1.65 |
| JKDWD371X25 | 2.5" | 4.92             | 3.74 | 1.26 | 4.41  | 4.37 | 6.02 | 5.00 | 5.98  | 3.54 | 2.76 | 0.35 | 1.74 |
| JKDWD371X03 | 3"   | 5.51             | 3.94 | 1.26 | 4.72  | 4.37 | 6.02 | 5.00 | 5.98  | 3.54 | 2.76 | 0.35 | 1.78 |
| JKDWD371X04 | 4"   | 6.30             | 3.94 | 1.26 | 6.34  | 4.37 | 6.02 | 5.00 | 5.98  | 3.54 | 2.76 | 0.35 | 2.05 |
| JKDWD371X05 | 5"   | 6.69             | 4.92 | 1.26 | 7.17  | 4.37 | 6.02 | 5.00 | 5.98  | 3.54 | 2.76 | 0.35 | 2.14 |
| JKDWD371X06 | 6"   | 7.48             | 5.51 | 1.26 | 8.50  | 4.37 | 6.02 | 5.00 | 7.87  | 3.54 | 2.76 | 0.35 | 2.20 |
| JKDWD371X08 | 8"   | 9.06             | 6.89 | 1.26 | 10.24 | 4.96 | 8.27 | 7.28 | 11.81 | 4.92 | 4.02 | 0.47 | 2.38 |
| JKDWD371X10 | 10"  | 10.24            | 7.87 | 1.77 | 12.60 | 4.96 | 8.27 | 7.28 | 11.81 | 4.92 | 4.02 | 0.47 | 2.62 |
| JKDWD371X12 | 12"  | 11.81            | 9.45 | 1.77 | 14.76 | 6.34 | 9.80 | 7.95 | 13.78 | 5.91 | 4.92 | 0.55 | 3.03 |