

**Fig No:EL-24 JIS10K.**

1/2" ~ 6" ( DN 15 ~ DN 150 )



**Valve Specification :**

**Design Specification According to ANSI B16.34**

Material : Stainless Steel, Carbon Steel or Special Alloy upon request

Blow-out-proof stem design & Anti-static design

Stem packing to comply with **TA-Luft** requirements

Actuator Mounting Shall be in according to ISO 5211

Face to Face according to JIS B2210

Flange Dimension according to JIS B2002

Temperature Range : -4 to 356 °F ( -20 to 180 °C )

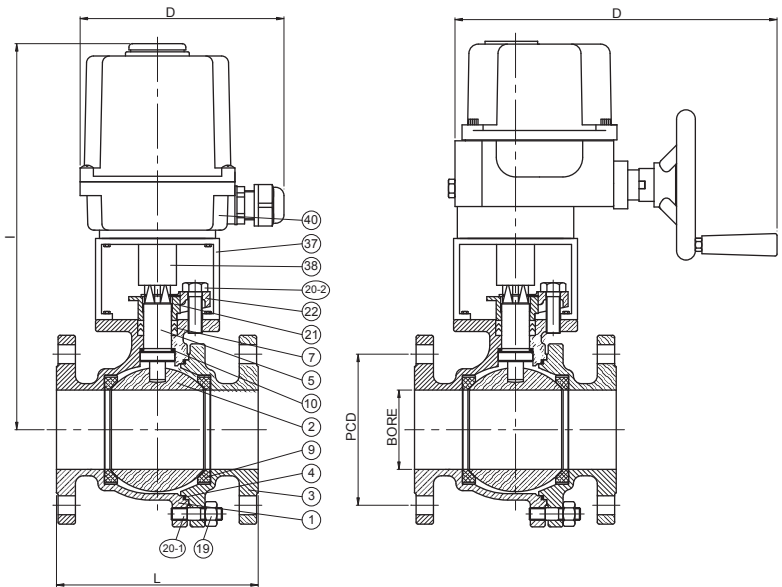
Pressure Test According to API 598

Shell test by water : working pressure x 1.5 time

Closure seat by Air : 80 Psi ~ 100 Psi

**MATERIALS LIST**

| NO   | PART NAME         | MATERIAL | Q'TY  |
|------|-------------------|----------|-------|
| 1    | BODY              | SCS14    | 1     |
| 2    | END CAP           | SCS14    | 1     |
| 3    | BALL              | SCS14    | 1     |
| 4    | BODY SEAL         | PTFE.    | 2     |
| 5    | STEM              | SS316    | 1     |
| 7    | STEM PACKING      | PTFE.    | 1 SET |
| 9    | SEAT              | RTFE.    | 2     |
| 10   | THRUST WASHER     | PTFE.    | 1     |
| 17   | STEM NUT          | SS304    | 1     |
| 19   | BOLT NUT          | SS304    | 4~12  |
| 20-1 | STUD              | SS304    | 4~12  |
| 20-2 | BOLT              | SS304    | 8     |
| 21   | GLAND             | SS301    | 1 SET |
| 29   | BOLT WASHER       | SS304    | 4     |
| 37   | MOUNTING BRACKET  | SS304    | 1     |
| 38   | ADAPTER           | SS304    | 1     |
| 40   | ELECTRIC ACTUATOR | NYLON    | 1     |



**DIMENSIONS**

Unit:mm

| SIZE          | 1/2"    |         |        |        | 3/4"    |         |        |        | 1"      |         |        |        | 1-1/4"  |         |        |        | 1-1/2"  |         |        |        | 2"      |         |        |        | 2-1/2"  |         |        |        | 3"      |         |        |        | 4"      |         |        |        | 5"      |         |        |        | 6"      |         |        |        |
|---------------|---------|---------|--------|--------|---------|---------|--------|--------|---------|---------|--------|--------|---------|---------|--------|--------|---------|---------|--------|--------|---------|---------|--------|--------|---------|---------|--------|--------|---------|---------|--------|--------|---------|---------|--------|--------|---------|---------|--------|--------|---------|---------|--------|--------|
| ELECTRIC FIG. | UM-1    |         |        |        | UM-1    |         |        |        | UM-1    |         |        |        | UM-2    |         |        |        | UM-3    |         |        |        | UM-3    |         |        |        | UM-3    |         |        |        | UM-3    |         |        |        | UM-4    |         |        |        | UM-5    |         | UM-6   |        | UM-6    |         |        |        |
| VOLTAGE       | 110 VAC | 220 VAC | 24 VAC | 24 DVC | 110 VAC | 220 VAC | 24 VAC | 24 DVC | 110 VAC | 220 VAC | 24 VAC | 24 DVC | 110 VAC | 220 VAC | 24 VAC | 24 DVC | 110 VAC | 220 VAC | 24 VAC | 24 DVC | 110 VAC | 220 VAC | 24 VAC | 24 DVC | 110 VAC | 220 VAC | 24 VAC | 24 DVC | 110 VAC | 220 VAC | 24 VAC | 24 DVC | 110 VAC | 220 VAC | 24 VAC | 24 DVC | 110 VAC | 220 VAC | 24 VAC | 24 DVC | 110 VAC | 220 VAC | 24 VAC | 24 DVC |
| BORE          | 15.0    |         |        |        | 20.0    |         |        |        | 25.0    |         |        |        | 32.0    |         |        |        | 40.0    |         |        |        | 50.0    |         |        |        | 65.0    |         |        |        | 80.0    |         |        |        | 100.0   |         |        |        | 125.0   |         |        |        | 150.0   |         |        |        |
| D             | 148.0   | 148.0   | 148.0  | 148.0  | 148.0   | 148.0   | 148.0  | 148.0  | 148.0   | 148.0   | 148.0  | 148.0  | 148.0   | 148.0   | 148.0  | 148.0  | 200.0   | 200.0   | 200.0  | 200.0  | 200.0   | 200.0   | 200.0  | 200.0  | 200.0   | 200.0   | 200.0  | 200.0  | 200.0   | 200.0   | 200.0  | 200.0  | 350.0   | 350.0   | 350.0  | 350.0  | 350.0   | 350.0   | 350.0  | 350.0  | 350.0   | 350.0   | 350.0  | 350.0  |
| I             | 246.5   | 246.5   | 246.5  | 246.5  | 249.0   | 249.0   | 249.0  | 249.0  | 252.5   | 252.5   | 252.5  | 252.5  | 314.8   | 314.8   | 314.8  | 314.8  | 307.3   | 307.3   | 307.3  | 307.3  | 314.8   | 314.8   | 314.8  | 314.8  | 340.0   | 340.0   | 340.0  | 340.0  | 352.0   | 352.0   | 352.0  | 352.0  | 441.0   | 441.0   | 441.0  | 441.0  | 480.0   | 480.0   | 480.0  | 480.0  | 543.0   | 543.0   | 543.0  | 543.0  |
| L             | 108.0   |         |        |        | 117.0   |         |        |        | 127.0   |         |        |        | 140.0   |         |        |        | 165.0   |         |        |        | 178.0   |         |        |        | 190.0   |         |        |        | 203.0   |         |        |        | 229.0   |         |        |        | 300.0   |         |        |        | 340.0   |         |        |        |
| PCD           | 70.0    |         |        |        | 75.0    |         |        |        | 90.0    |         |        |        | 100.0   |         |        |        | 105.0   |         |        |        | 120.5   |         |        |        | 140.0   |         |        |        | 150.0   |         |        |        | 175.0   |         |        |        | 210.0   |         |        |        | 240.0   |         |        |        |