



## Series GBV321B - KST-00

### 3-pc Body Ball Valve Direct Mounting Type With Electric Actuator



#### SPECIFICATION :

- Three-Piece-Body Full Bore
- ISO 5211 DIN3337 direct mounting pad
- End Connection : Threaded End BSPT  
Options for Socket Weld, Butt Weld
- Working Pressure : 1/4" ~ 4" 1000 PSI W.O.G.

#### APPLICATIONS :

- Suitable for Water, Oil, Gas, Air & Steam
- Working Temperature up to 180°C

#### ELECTRIC ACTUATOR :

- Aesthetically compact and modern design
- Standard working temperature -30 to +60°C
- Adjustable closing angle -5°C to +5°C
- ISO 5211 and NAMUR mounting standards

#### ELECTRIC ACTUATOR MATERIAL :

Enclosure : Weather-proof IP67

Main Power : 220VAC

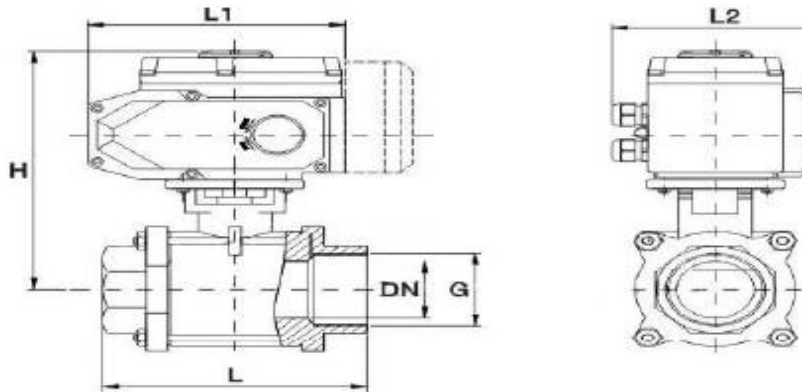
Body Material : Die-casting Aluminium Alloy

Electrical Connection : M181.5 Water-proof cable connector  
Electrical Power Wire, Single Wire

Manual Override : De-clutchable

Circuit Control : B, S, K, R, A, D, H, T

Space Heater : 5W for anti condensation



#### MATERIAL LIST

| NO | PART NAME     | MATERIAL |
|----|---------------|----------|
| 1  | Body          | CF8M     |
| 2  | Seat          | PTFE     |
| 3  | Ball          | SS304    |
| 4  | Gasket        | PTFE     |
| 5  | Bolt          | SS316    |
| 6  | Bonnet        | CF8      |
| 7  | Stem          | SS316    |
| 8  | Stem Washer   | PTFE     |
| 9  | Packing       | PTFE     |
| 10 | Gland         | SS304    |
| 11 | Snap Ring     | SS304    |
| 12 | Stopper       | SS304    |
| 13 | Bolt          | SS304    |
| 14 | Nut           | SS304    |
| 15 | Spring Washer | SS304    |

#### DIMENSIONS (mm)

| Size              | Inch    | 1/4"   | 3/8"  | 1/2"  | 3/4"  | 1"    | 1-1/4" | 1-1/2" | 2"    | 2-1/2" | 3"    |
|-------------------|---------|--------|-------|-------|-------|-------|--------|--------|-------|--------|-------|
|                   | DN      | 8      | 10    | 15    | 20    | 25    | 32     | 40     | 50    | 65     | 80    |
| Valve Torque (Nm) |         | 50     | 50    | 50    | 50    | 50    | 50     | 50     | 100   | 100    | 200   |
| Electric Actuator | Art No. | KST-05 |       |       |       |       |        | KST-10 |       | KST    |       |
|                   | L       | 63     | 63    | 63    | 73    | 85    | 95     | 114    | 134   | 180    | 200   |
|                   | L1      | 165.0  | 165.0 | 165.0 | 165.0 | 165.0 | 165.0  | 165.0  | 190.0 | 190.0  | 270.0 |
|                   | L2      | 150    | 150   | 150   | 150   | 150   | 150    | 150    | 170   | 170    | 220   |
|                   | H       | 114    | 114   | 114   | 118   | 129   | 134    | 150    | 180   | 223    | 356   |
| Motion Times (S)  |         | 20     |       |       |       |       |        | 30     |       | 6      |       |



rs,



|       |
|-------|
| 4"    |
| 100   |
| 200   |
| [-20  |
| 228   |
| 270.0 |
| 220   |
| 458   |
| 50    |

---

my