

**Fig No. K-301T**     **Standard Bore**  
**1/4" ~ 2"     DN 8- DN 50**



## Features :

Investment casting, Blow-out-proof stem  
Three pieces end caps, Three seats design  
360 degree rotation design  
For Chemical, Industrial Application  
Carbon Steel or Super Alloy upon request

## Standard Compliance :

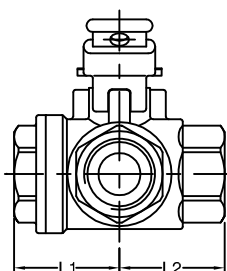
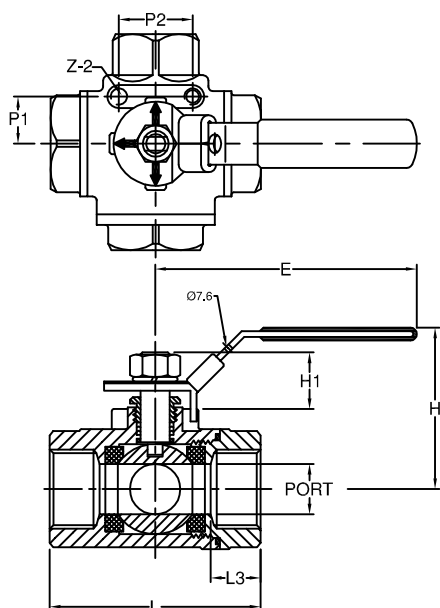
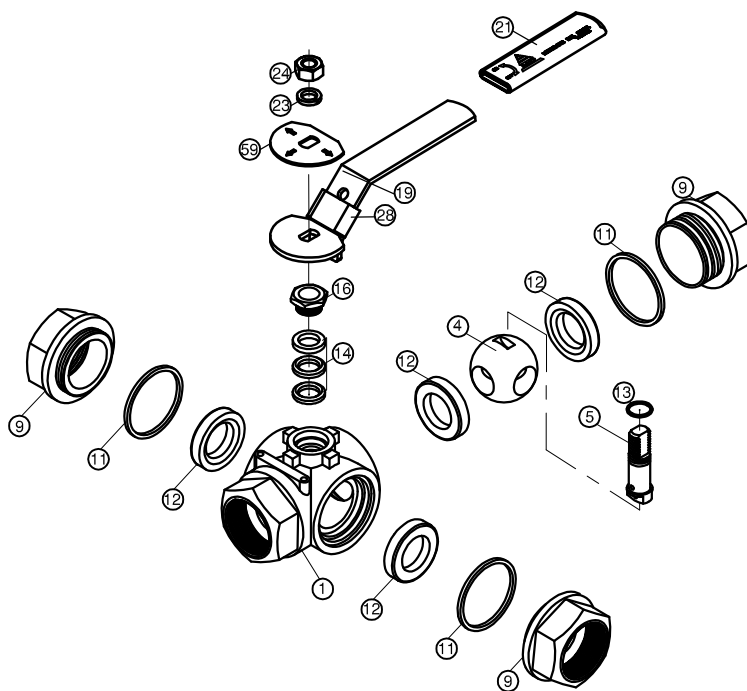
Body wall thickness : EN 12516-1/3  
Threaded end : BS 21 (BSP)  
BSPT  
ISO 228-1G  
DIN 2999  
ISO 7-1Rp  
Face to Face : MD's standard  
Body material : EN1503-1  
Pressure testing : EN 12266

## Specification :

End connection : Threaded end  
Working Pressure : 63 bar ( CWP )  
Temperature : -20 to 180°C

## MATERIALS LIST

| NO. | PART NAME      | MATERIAL          |
|-----|----------------|-------------------|
| 1   | BODY           | 1.4408/EN1503-1   |
| 4   | BALL           | ASTM A351 Gr.CF8M |
| 5   | STEM           | SS316             |
| 9   | END CAP        | 1.4408/EN1503-1   |
| 10  | BLIND CAP      | 1.4408/EN1503-1   |
| 11  | BODY SEAL      | PTFE.             |
| 12  | SEAT           | PTFE.             |
| 13  | THRUST WASHER  | PTFE.             |
| 14  | STEM PACKING   | PTFE.             |
| 16  | GLAND NUT      | SS304             |
| 19  | HANDLE         | SS304             |
| 21  | HANDLE COVER   | PLASTIC           |
| 23  | HANDLE WASHER  | SS304             |
| 24  | HANDLE NUT     | SS304             |
| 28  | LOCKING DEVICE | SS304             |
| 59  | FLOW INDICATOR | SS304             |



## DIMENSIONS

| DIMENSIONS |        |      |       |      |      |      |       |      |      |            | unit:mm |      |
|------------|--------|------|-------|------|------|------|-------|------|------|------------|---------|------|
| SIZE       | PORT   | L    | L1    | L2   | L3   | E    | H     | H1   | Z-2  | P1         | P2      |      |
| DN8        | 1/4"   | 11.7 | 75.0  | 34.0 | 37.5 | 17.0 | 125.0 | 53.0 | 33.0 | 10-24UNC   | 12.7    | 28.5 |
| DN10       | 3/8"   | 12.8 | 75.0  | 34.0 | 37.5 | 17.0 | 125.0 | 53.0 | 33.0 | 10-24UNC   | 12.7    | 28.5 |
| DN15       | 1/2"   | 12.8 | 75.0  | 34.0 | 37.5 | 17.0 | 125.0 | 53.0 | 33.0 | 10-24UNC   | 12.7    | 28.5 |
| DN20       | 3/4"   | 16.0 | 85.0  | 39.0 | 42.5 | 17.5 | 125.0 | 64.0 | 30.0 | 10-24UNC   | 22.4    | 35.0 |
| DN25       | 1"     | 20.0 | 103.0 | 51.0 | 50.0 | 20.0 | 145.0 | 66.0 | 35.0 | 10-24UNC   | 22.4    | 35.0 |
| DN32       | 1-1/4" | 25.2 | 115.0 | 51.0 | 57.5 | 21.0 | 145.0 | 79.0 | 35.0 | 1/4"-20UNC | 25.4    | 38.1 |
| DN40       | 1-1/2" | 32.2 | 125.0 | 58.0 | 62.5 | 22.0 | 205.0 | 83.0 | 44.0 | 1/4"-20UNC | 25.4    | 38.1 |
| DN50       | 2"     | 38.2 | 148.0 | 63.0 | 75.0 | 25.0 | 205.0 | 94.0 | 40.0 | 1/4"-20UNC | 25.4    | 38.1 |

unit:mm