# AV-30 Bronze Needle Valve No.4, Screwed Ends, PN-16

## Features

| | |
|---|---|
| Pressure / Class Rating | PN-16 |
| Body Material Cum Standard | Bronze (BS EN 1982 Gr. CC491K) |
| Product Description | Screwed in Bonnet, Inside Screw, Rising Stem, Handwheel Operated |
| Type of Seat | Integral Seat |
| Trim | Cu-Alloy |
| End Details | Screwed Female BSP Parallel Threads (BS-21) |
| Test Pressure | Body: 348 Psig (Hyd.), Seat: 255 Psig (Hyd.), Seat: 100 Psig (Air) |



Notes

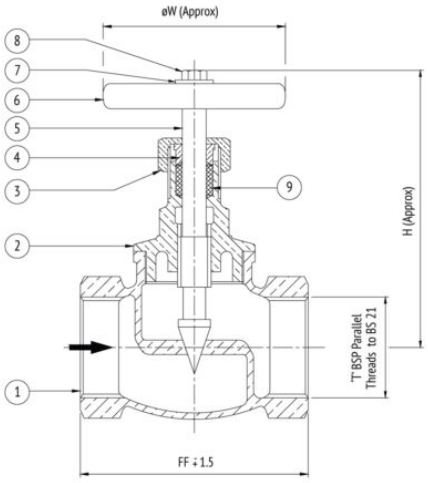
Other screwed end specifications can be provided on request.

**Suitability**

Water, Oil, Air

## Material Combination

| S.No | Description | No. | Material | Specifications |
|---|---|---|---|---|
| 1 | Body | 1 | Gun Metal | BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2 |
| 2 | Bonnet | 1 | Gun Metal | BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2 |
| 3 | Gland Nut | 1 | Gun Metal | BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2 |
| 4 | Gland | 1 | Gun Metal / Brass | BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2 |
| 5 | Stem | 1 | H.T. Brass | DIN 12164 Gr. CW721R / IS 6912 Gr. FHTB |
| 6 | Handwheel | 1 | Aluminium | – |
| 7 | Washer | 1 | Carbon Steel | – |
| 8 | Screw / Bolt | 1 | Carbon Steel | – |
| 9 | Packing | – | Asbestos | – |




## Dimensional Data

| Size (mm) | FF | T | H | øW |
|---|---|---|---|---|
| 10 | 39 | 3/8” | 71 | 53 |
| 15 | 50 | 1/2” | 77 | 63 |
| 20 | 55 | 3/4” | 92 | 73 |
| 25 | 68 | 1” | 98 | 73 |

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