

**Series: PLV103**  
**3-Way Diverter Plug Valve**

**Description**

The PLV103 is a 3-way full bore diverter plug valve. Available in "L" or "T" port configurations. Manufactured as standard in Bronze to give long service life on seawater applications.

In conformance with the Pressure Equipment Directive 2014/68/EU.

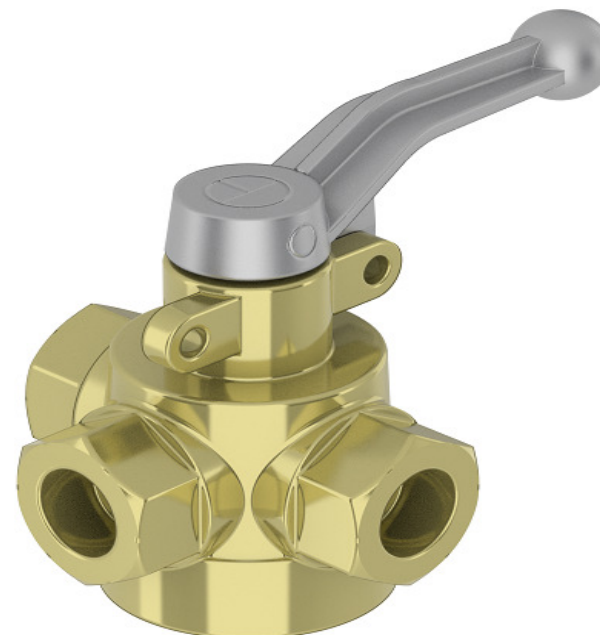
Standard Range,

Sizes: 1/4" to 4"  
Connections: Screwed & PN16

Working pressure: 10 Bar (Class PN10)  
Max. Working temperature: 104 degC

**Features**

Coated taper plug for smooth operation  
Renewable seats  
Resilient seated  
Top entry allows in-line maintenance



**Options**

"L" or "T" port configurations  
Locking facility (in all 3 positions)

**Materials**

***Regularly manufactured in a full range of materials including:***

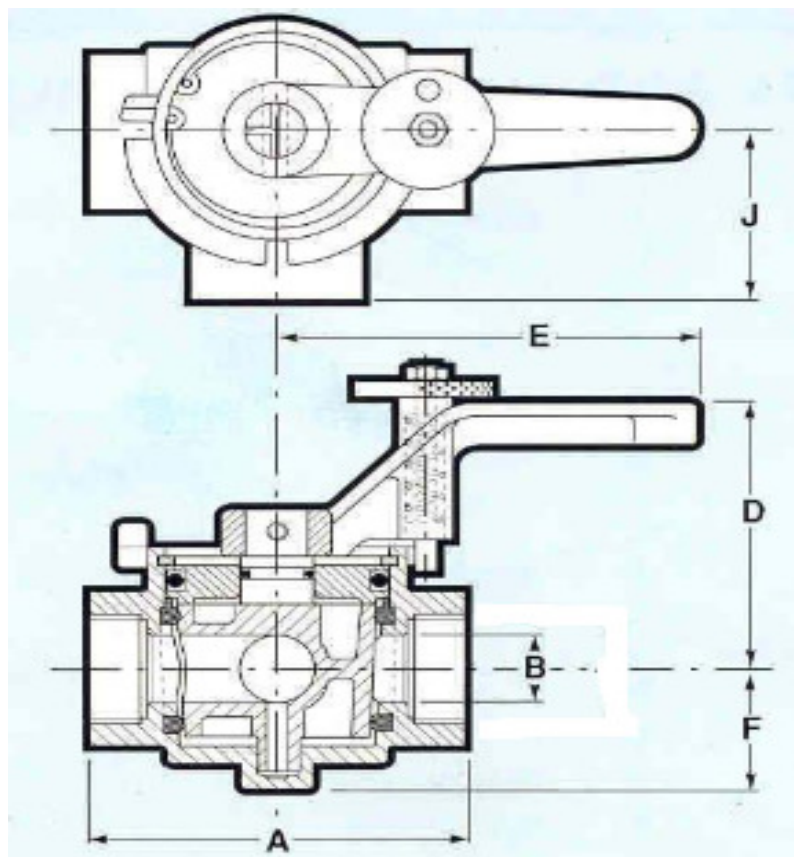
Nickel Aluminium Bronze – ASTM B148  
Nickel Aluminium Bronze - DS02 747 Part 3  
Gunmetal – DS02 830 Part 1  
Bronze – ASTM B61/B62  
Brass – HTB1  
Titanium – ASTM B367  
Hastelloy®  
Monel®

***Other materials available on request***

**Specifications**

Designed specifically for Naval Applications.

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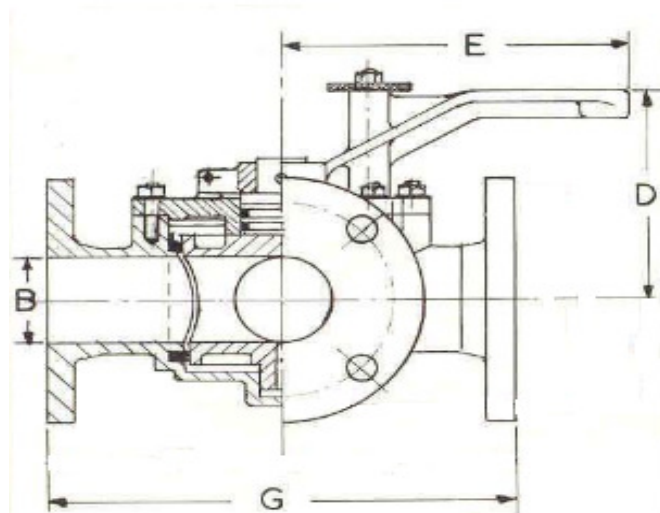
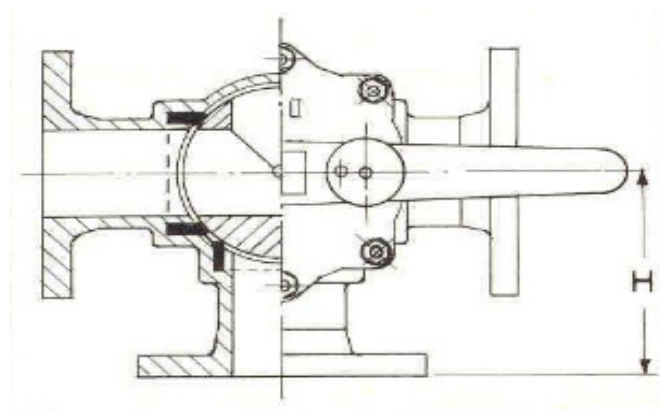


**Dimensions**

**Screwed**

| VALVE SIZE |    | mm  |         |     |     |    |    | WEIGHT<br>kg | Drg<br>T-Port | Drg<br>L-Port |
|------------|----|-----|---------|-----|-----|----|----|--------------|---------------|---------------|
| INCH       | mm | A   | B<br>NB | D   | E   | F  | J  |              |               |               |
| 1/4"       | 6  | 70  | 6.4     | 56  | 90  | 18 | 35 | 0.7          | 1324          | 1326          |
| 3/8"       | 10 | 80  | 10.4    | 63  | 100 | 29 | 40 | 1            | 1329          | 1343          |
| 1/2"       | 15 | 80  | 14      | 63  | 100 | 29 | 40 | 1            | 1322          | 1344          |
| 3/4"       | 20 | 102 | 18      | 80  | 115 | 38 | 51 | 1.6          | 1336          | 1345          |
| 1"         | 25 | 116 | 22      | 102 | 125 | 40 | 58 | 2.3          | 1327          | 1331          |
| 1 1/4"     | 32 | 130 | 27      | 107 | 150 | 46 | 65 | 3            | 1338          | 1342          |
| 1 1/2"     | 40 | 150 | 35      | 120 | 175 | 53 | 75 | 7            | 1340          | 1346          |

Working pressure: 10 Bar  
Max. Working temperature: 104 degC



## Dimensions

**PN16**

| VALVE SIZE |     | mm      |     |       |     |      | WEIGHT<br>kg | Drg<br>T-Port | Drg<br>L-Port |
|------------|-----|---------|-----|-------|-----|------|--------------|---------------|---------------|
| INCH       | mm  | B<br>NB | D   | E     | G   | H    |              |               |               |
| 1"         | 25  | 25.4    | 86  | 114.3 | 165 | 82.5 | 5            | 1366          | 1368          |
| 1 1/4"     | 32  | 32      | 105 | 127   | 203 | 102  | 10           | 1443          | 1446          |
| 1 1/2"     | 40  | 38      | 113 | 152   | 222 | 111  | 13           | 1369          | 1371          |
| 2"         | 50  | 51      | 127 | 154   | 241 | 121  | 16           | 1347          | 1349          |
| 2 1/2"     | 65  | 63.5    | 133 | 229   | 267 | 133  | 35           | 1372          | 1374          |
| 3"         | 80  | 76      | 178 | 305   | 305 | 152  | 50           | 1351          | 1353          |
| 4"         | 100 | 102     | 191 | 381   | 356 | 178  | 63           | 1289          | 1350          |

Working pressure: 10 Bar  
Max. Working temperature: 104 degC