# SINGLE UNION BALL VALVE WITH COMPRESSION FITTING “305”



## TECHNICAL FEATURES

- Single union ball valve with compression fitting for irrigation and water supply systems.
- Free ball support.
- Version: BSP female threaded socket on the nut side and compression fitting for PE pipes on the valve body side.

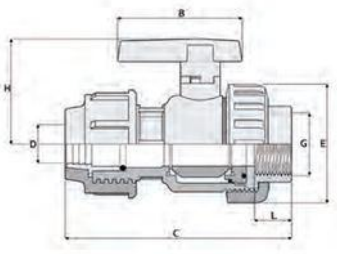
*Shown on the title band: DN 10 ÷ 50.*

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Construction** | Single union grey PVC ball valve, with free ball support |
| **Size range** | DN 10 ÷ 50 |
| **Nominal pressure** | PN 16 with water at 20 °C |
| **Temperature range** | 0 °C ÷ 60 °C |
| **Coupling standards** | Thread: UNI ISO 228-1, ISO 7-1<br>Compression fittings: ISO 17885 |
| **Valve material** | PVC-U |
| **Seal material** | EPDM (O-ring); PE (ball seats) |
| **Control options** | Manual control |

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## OVERALL DIMENSION



### 1V305

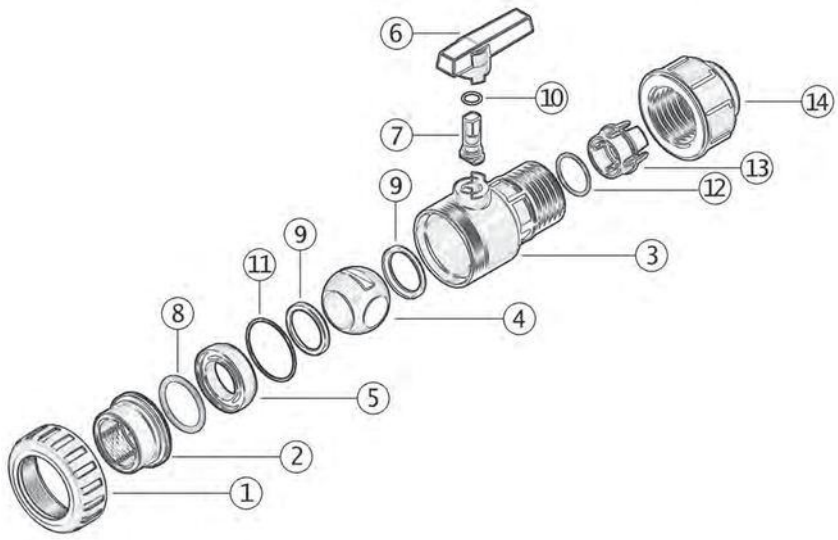
Single union grey PVC ball valve, BSP female threaded socket on nut side and compression fitting for connection with PE pipes on valve body side, with free ball support. EPDM seals. PE ball seats.

| D x G | PN | DN | L | C | E | H | B | g | CODE |
|---|---|---|---|---|---|---|---|---|---|
| 16 x 3/8" | 16 | 10 | 13 | 96 | 50 | 50 | 57 | 115 | 1V30516000L |
| 20 x 1/2" | 16 | 15 | 17 | 99 | 50 | 50 | 57 | 130 | 1V30520000L |
| 25 x 3/4" | 16 | 20 | 19 | 115 | 59 | 55 | 66 | 195 | 1V30525000L |
| 32 x 1" | 16 | 25 | 22 | 131 | 68 | 63 | 75 | 300 | 1V30532000L |
| 40 x 1"1/4 | 16 | 32 | 24 | 158 | 80 | 76 | 90 | 455 | 1V30540000L |
| 50 x 1"1/2 | 16 | 40 | 24 | 181 | 96 | 88 | 103 | 740 | 1V30550000L |
| 63 x 2" | 16 | 50 | 29 | 221 | 116 | 102 | 121 | 1200 | 1V30563000L |

*Dimensions in mm; weight (g) in grams.*

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## COMPONENTS




| No. | COMPONENT | MATERIAL | QTY | No. | COMPONENT | MATERIAL | QTY |
|---|---|---|---|---|---|---|---|
| 1 | Nut | PVC-U | 1 | 8 | Socket O-ring | EPDM | 1 |
| 2 | Union end | PVC-U | 2 | 9 | Ball seat | PE | 2 |
| 3 | Body | PVC-U | 1 | 10 | Stem O-ring | EPDM | 1 |
| 4 | Ball | PVC-U | 1 | 11 | Radial O-ring | EPDM | 1 |
| 5 | Support | PVC-U | 1 | 12 | Body O-ring | NBR | 1 |
| 6 | Handle | PVC-U | 1 | 13 | Clinching ring | POM | 1 |
| 7 | Stem | PVC-U | 1 | 14 | Nut | PP | 1 |

*Specifications are subject to change without notice.*