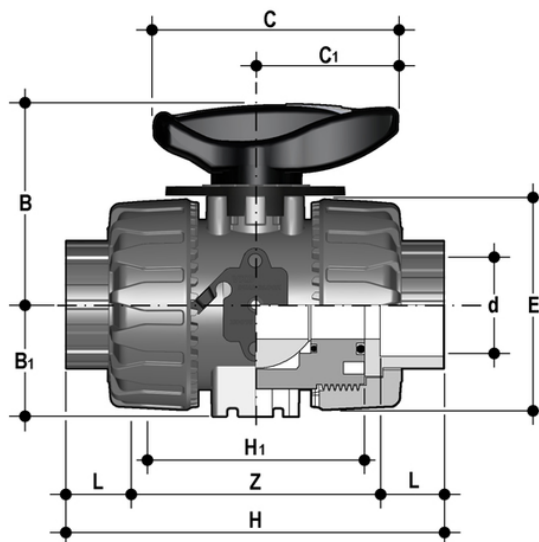


# VKRAV - DUAL BLOCK® regulating ball valve DN 10:50

DUAL BLOCK® regulating ball valve with female ends for solvent welding, ASTM series.



## EPDM

| Reference | d      | DN | PN | B    | B <sub>1</sub> | C   | C <sub>1</sub> | E   | H   | H <sub>1</sub> | L    | Z     | g    |
|-----------|--------|----|----|------|----------------|-----|----------------|-----|-----|----------------|------|-------|------|
| VKRAV038E | 3/8"   | 10 | 16 | 54   | 29             | 67  | 40             | 54  | 117 | 65             | 19,5 | 78    | 230  |
| VKRAV012E | 1/2"   | 15 | 16 | 54   | 29             | 67  | 40             | 54  | 117 | 65             | 22,5 | 72    | 215  |
| VKRAV034E | 3/4"   | 20 | 16 | 65   | 34,5           | 85  | 49             | 65  | 129 | 70             | 25,5 | 78    | 345  |
| VKRAV100E | 1"     | 25 | 16 | 69,5 | 39             | 85  | 49             | 73  | 142 | 78             | 28,7 | 84,6  | 448  |
| VKRAV114E | 1" 1/4 | 32 | 16 | 82,5 | 46             | 108 | 64             | 86  | 162 | 88             | 32   | 98    | 718  |
| VKRAV112E | 1" 1/2 | 40 | 16 | 89   | 52             | 108 | 64             | 98  | 172 | 93             | 35   | 102   | 975  |
| VKRAV200E | 2"     | 50 | 16 | 108  | 62             | 134 | 76             | 122 | 199 | 111            | 38,2 | 122,6 | 1712 |

## FKM

| Reference | d      | DN | PN | B    | B <sub>1</sub> | C   | C <sub>1</sub> | E   | H   | H <sub>1</sub> | L    | Z     | g    |
|-----------|--------|----|----|------|----------------|-----|----------------|-----|-----|----------------|------|-------|------|
| VKRAV038F | 3/8"   | 10 | 16 | 54   | 29             | 67  | 40             | 54  | 117 | 65             | 19,5 | 78    | 230  |
| VKRAV012F | 1/2"   | 15 | 16 | 54   | 29             | 67  | 40             | 54  | 117 | 65             | 22,5 | 72    | 215  |
| VKRAV034F | 3/4"   | 20 | 16 | 65   | 34,5           | 85  | 49             | 65  | 129 | 70             | 25,5 | 78    | 345  |
| VKRAV100F | 1"     | 25 | 16 | 69,5 | 39             | 85  | 49             | 73  | 142 | 78             | 28,7 | 84,6  | 448  |
| VKRAV114F | 1" 1/4 | 32 | 16 | 82,5 | 46             | 108 | 64             | 86  | 162 | 88             | 32   | 98    | 718  |
| VKRAV112F | 1" 1/2 | 40 | 16 | 89   | 52             | 108 | 64             | 98  | 172 | 93             | 35   | 102   | 975  |
| VKRAV200F | 2"     | 50 | 16 | 108  | 62             | 134 | 76             | 122 | 199 | 111            | 38,2 | 122,6 | 1712 |

# VKRAV – DUAL BLOCK® regulating ball valve DN 10:50

- HIPVC ergonomic multifunctional handle with **position indicator** and tool to adjust the ball seat carrier
- Flow direction and opening angle indication plate with **graduated scale with 5° detail** for clear and accurate readings
- 90° operating angle that permits **the use of standard** quarter turn **actuators**
- The patented ball design provides **linear flow adjustment** throughout its range of operation even when the valve is open just a few degrees and guarantees minimum pressure drops
- Patented **DUAL BLOCK®** system: prevents union nuts from loosening even under extreme operating conditions: e.g. vibration or thermal expansion
  
- Connection system for solvent weld, threaded and flanged joints
- Patented **SEAT STOP®** ball carrier system that lets you micro-adjust seals and minimise the axial force effect
- Easy radial dismounting allowing quick replacement of O-rings and ball seats without any need for tools
- **PN16 True Union valve body** made for rigid PVC-U injection moulding equipped with built-in bores for actuation. ISO 9393 compliant test requisites
- Option of dismounting downstream pipes with the valve in the closed position
- High surface finish stem with double O-Ring and double connection key to ball
- **Integrated bracket** for valve anchoring
- Ball seat carrier can be adjusted using the **Easytorque adjustment kit**
- Actuation option: version with electric modulating actuator with 4-20 mA / 0-10 V inlet and 4-20 mA / 0-10 V outlet to monitor the position
- Valve suitable for carrying fluids that are clean and free of suspended particles