

# NEW CONTROL VALVE

# VKR

**NEW**



PP-H

## THERMOPLASTIC CONTROL VALVES

The new VKR indeed combines the well known features of reliability and safety typical of **VKD ball valve** with a new function dedicated to the regulation of the flow in a precise and repeatable way.

With the new VKR metering and regulating two way ball valves, FIP adds an important element to the already wide range of ball valves **DUAL BLOCK®** for industrial applications.

Thanks to the patent pending design of the ball, the new VKR allows a **linear type regulation** of the flow on the full stroke range with a modulation capacity available from the very first opening of the handle, in addition, the values of pressure loss remain extremely low, especially when compared to the typical values of a diaphragm valve of the same DN.

These results were achieved leaving the same 90° rotation angle typical of ON-OFF ball valves, thus maintaining the compatibility with standard quarter turn actuators.

VKR handle is equipped with a position indication plate with a graduated scale of 5° detail which allows a clear and accurate reading.

## MAIN FEATURES

- Range from DN10 (3/8") to DN50 (2") (Socket and threaded connectors available)
- Low values of pressure loss
- Suitable for use with clean or free of suspended particles fluids
- Available in PVC-U, PP-H, PVDF
- Pressure rating: PVC-U, PVDF: 232 psi @ 68°F, PP-H: 150 psi @ 68°F
- Complete interchangeability with VKD DN10-50 series
- Unidirectional flow
- Accuracy of the reading position: 5°
- Linear characteristic curve
- Range of use: 0° - 90°
- Seal material: EPDM or FKM
- Seats material: PTFE

*\* Water or fluids defined as "chemically compatible" with the valve material*



PVDF



PVC



## CONNECTIONS

- ISO-DIN, ASTM, JIS, BS, solvent socket
- ISO-DIN, socket and butt welding
- BSP & NPT threading
- DIN, JIS & ANSI Flanges



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