

VDL manual ball valve



The VDL is a manually actuated PVC-U ball valve with single or double nut. The valve with glue or female thread connection ensures long and trouble-free operation.

The VDL ball valves have a CNC-machined round ball and shaft. This results in good sealing in the valve and hence a reduced risk of wear and accumulation of contamination. The ball is contained in PE ball seats with adjustable washer.

APPLICATIONS

In various water installations for shutting off or manual metering of water, fertilisers and slightly aggressive liquid chemicals

CHARACTERISTICS

- ✓ PVC-U housing
- ✓ Working pressure up to 16 bar at 20°C
- ✓ With EPDM O-rings as standard, optionally with FPM (Viton) rings
- ✓ O-rings easily removed by unscrewing the nuts

TECHNICAL DATA

Diameter	: 16 to 110 mm / 3/8" to 4"
Operation	: manual with handle; optionally with flange for direct installation to ISO5211
Maximum temperature	: 0 - 60°C (with decreasing working pressure)
Pressure class	: PN16 (Ø16 - 63mm) / PN10 (Ø75 - 110mm)
Material	: PVC-U (housing) : PVC-U (ball) : EPDM / optionally in FPM - Viton (seal) : PE / PTFE (seat)

Type designation

Diameter	Type	Material	Connection
16 - 63 mm	type eil	PVC-U, EPDM	single, glue
3/8" - 2"	type eid	PVC-U, EPDM	single, threaded
3/8" - 4"	type did	PVC-U, EPDM	double, threaded
16 - 110 mm	type dil	PVC-U, EPDM	double, glue

INSTALLATION & MAINTENANCE

- ✓ The VDL ball valve can be installed in any position.
- ✓ Before adjusting the washer, the nut is removed so that the released washer can be adjusted with the upper side of the handle.
- ✓ Pay attention during gluing that no glue comes into contact with the ball or ball seats.
- ✓ The ball valve must be installed strain-free.