

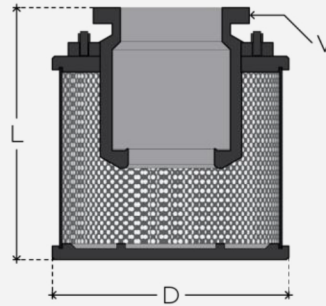
HDPE COMPACT VALVE

STANDARD: All standards

The Rely Valve inside of a strainer, hence shorter than the Foot Valve. Ideal for shallow water.
Applications: irrigation, waterworks, agriculture, mining, industry, etc.



DESIGN SPECIFICATIONS



Nominal valve size - V inch	D inch/mm	L inch/mm	Weight lbs/kg
3"	14.6 / 370	13.0 / 330	21.2 / 9.6
4"	14.6 / 370	15.4 / 390	22.5 / 10.2
6"	18.5 / 470	18.5 / 470	40.8 / 18.5
8"	20.5 / 520	22.4 / 570	55.3 / 25.1
10"	24.6 / 625	24.8 / 630	87.3 / 39.6
12"	24.6 / 625	27.2 / 690	93.9 / 42.6

COMPONENTS/MATERIALS

- HDPE body and flapper.
- 316 stainless steel mechanism, springs, bolts and washers.
- Rubber seal.

OPERATING CONDITIONS

Pressure Range (PSI)	5 PSI / 150 PSI
Temperature Range (°F/°C)	-85°F/160°F -65°C/70°C
Corrosion Resistance	Supports sulphuric acid and most common corrosive fluids.

CHARACTERISTICS

- **Installation:** Fast, easy and lightweight one-man job.
- **Pipe/Fitting connection:** flange connection, according to standard (see valve's specs).
- **Maintenance:** easy on-site maintenance kits available.
- **Disposal:** 100%recyclable components.

FEATURES

- **Extremely low flow resistance:** when the flapper is wide open, the mechanism's force on it is at its minimum, allowing a smooth flow.
- **Very low opening pressure:** flapper opens at barely 5 PSI.
- **No noisy hammering:** flapper closes right before the reverse flow starts (at nearly zero flow), thus eliminating any hammering.
- **Operates in any position:** works effectively horizontally, vertically or in any angle.