

## Plunger Valve

FIG. LV1308

### Specifications

- Precisely control the pressure and flow, the flow characteristics shall be as linear as possible over the whole opening range
- Use to prevent from the pressure heads and cavitation
- Suit for potable or raw water
- Main O-ring seal located on plunger
- Four hard faced guides to support cylinder. The system has been proven to minimize wear compared to a three guide system
- Flexible design accommodates many forms of valve actuation and control including manual operation or electric actuator

### Working Pressure and Temperature

- 16 bar / 250 psi rated at -10°C to 120°C

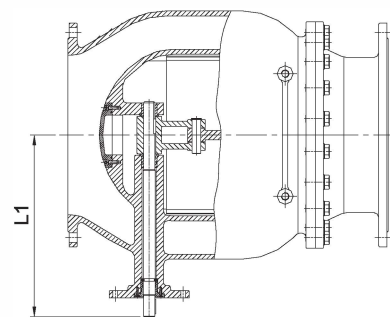
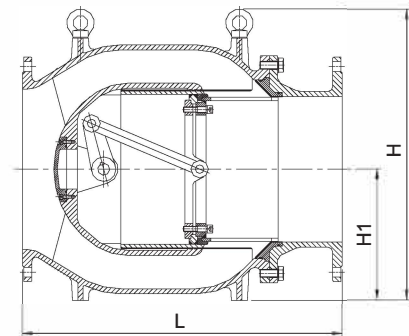
### Corrosion Protection

- Fusion bonded coating interior and exterior

### Material Specifications

Part	Material	EN Specification	ASTM Specification
Body	Ductile Iron	EN 1563, EN-GJS-450-10	A356 65-45-12
Piston Guide Rails	Stainless Steel	EN 10213, GX5CrNi 19-10	A351 Grade CF8
Piston	Stainless Steel	EN 10213, GX5CrNi 19-10	A351 Grade CF8
Valve Sealing	Rubber	EN 681, EPDM	D2000 EPDM
Seat	Stainless Steel	EN 10213, GX5CrNi19-10	A351 Grade CF8
Stem	Stainless Steel	EN 10088-3, X5CrNi18-10	A276 Grade 304
Plug	Ductile Iron	EN 1563, EN-GJS-450-10	A356 65-45-12

### Schematic



### Main Dimensions (mm)

Size	DN200	DN250	DN300	DN400	DN500	DN600	DN800	DN1000	DN1200	DN1400	DN1600	DN1800	DN2000	DN2400
L	400	500	600	800	1000	1200	1600	2000	2400	2800	3200	3600	4000	4800
L1	240	290	335	455	527	685	1000	1175	1410	1595	1880	2115	2350	2820
H	455	545	595	790	905	1095	1260	1575	1890	2205	2520	2835	3150	3780
H1	196	239	264	350	405	491	520	650	780	895	1040	1170	1300	1560

#### Notes

- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.