

Metal Seated Plug Valve

FIG. LV1205

Specifications

- Valve with very long lifetime, as the seat and plug trim is stainless steel
- Low operating torque
- Plug designed to streamline type, low friction
- Floated seat with good sealed performance
- No friction between seat and plug trim when open or close
- Plug with sharp edge to cut the branch, soft goods or others, no any impact to close operating
- Operated by gearbox

Working Pressure and Temperature

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

Corrosion Protection

- Fusion bonded coating or liquid epoxy painted interior and exterior

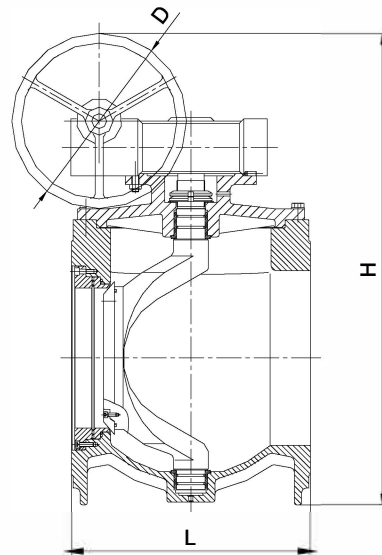
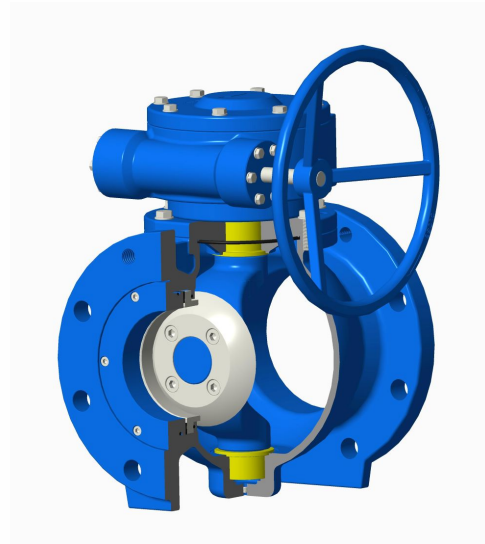
Options

- 150 psi available

Material Specifications

Part	Material	EN Specification	ASTM Specification
Body	Ductile Iron	EN 1563, EN-GJS-450-10	A356 65-45-12
Bonnet	Ductile Iron	EN 1563, EN-GJS-450-10	A356 65-45-12
Plug	Ductile Iron	EN 1563, EN-GJS-450-10	A356 65-45-12
Seat	Stainless Steel	EN 10088-3, X20Cr13	A276 Grade 420
Plug Trim	Stainless Steel	EN 10088-3, X5CrNi18-10	A276 Grade 304
Plug	Bronze	EN 1982, CC491K	B62 C836000
V-Packing	Rubber	EN 681, NBR	D2000 EPDM/NBR

Schematic



Main Dimensions (mm)

Size	80	100	150	200	250	300	400	450	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200	2400	2700
L	203	229	267	292	330	356	530	530	600	690	800	900	1060	1080	1280	1500	1800	2100	2300	2450	2600	3290
H	425	440	492	583	750	782	1082	1135	1250	1390	1575	1700	1965	1965	2383	2740	2978	3376	3725	3957	4202	5425
D	205	240	240	280	350	350	500	500	500	500	520	520	520	590	590	590	590	590	590	800	800	800

Notes

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