

Metal Seated Plug Valve

FIG. 1205

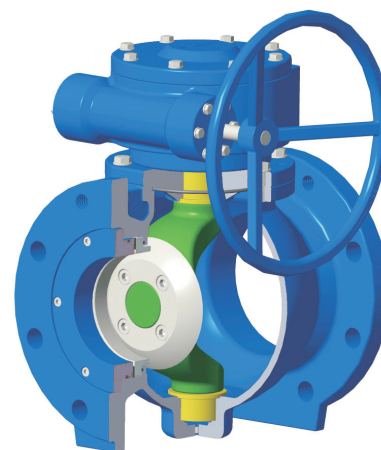
Specifications

- 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.
- Rated Working Pressure 16 bar / 250 psi.

Corrosion Protection

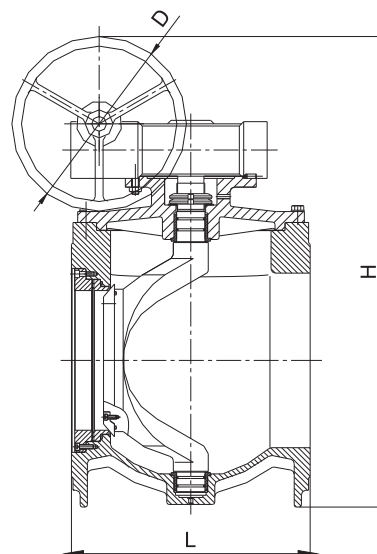
- Fusion Bonded Coating or Liquid Epoxy Painted Interior and Exterior.

Schematic



Material Specification

Part	Material	EN Specification	ASTM Specification
Body	Ductile Iron	EN 1563 EN-GJS-450-10	A536 Grade 65-45-12
Bonnet	Ductile Iron	EN 1563 EN-GJS-450-10	A536 Grade 65-45-12
Plug	Ductile Iron	EN 1563 EN-GJS-450-10	A536 Grade 65-45-12
Seat	Stainless Steel	EN 10088 X20Cr13	A276 Type 420
Plug Trim	Stainless Steel	EN 10088 X5CrNi18-10	A276 Type 304
Bushing	Bronze	EN 1982 CuSn5Zn5Pb5	B62 C836000
V-Packing	Rubber	EN 681 NBR	D2000 EPDM/NBR



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.