V158 SERVICE CONNECTION VALVE

VALVE & PIPING COMPANY

Product Description

TVN V158 Service Connection Valves (Threaded-end Resilient Seated Gate Valves) are designed to last long years of operation in many conditions. With its bolted bonnet structure, EPDM covered wedge and hygienic coating, ready to meet the demand for potable water & sewage applications.



Technical Data

Size range:	DN15 - DN50	
Pressure range:	PN16	
Temperature:	-10°C to +130 °C	
Design	EN 1171	
Face to face:	EN 558	
Connection Standard	nection Standard EN ISO 228-1 Threaded	
Coating:	Electrostatic Powder Epoxy	
Testing:	EN 12266-1	
Marking:	EN 19	
Operation	Extension Spindle	
	Hand wheel	

Application Range :

- House water connection / Service connection
- Indoor/Outdoor water branch piping
- Cold & hot water
- Tanks
- Water Treatment Plants

Related Products :

- V991 Surface Box for Valve
- V993 Telescopic/Rigid Extension Spindle
- T-key for operation
- Handwheel



POTABLE WATER

V158 SERVICE CONNECTION VALVE



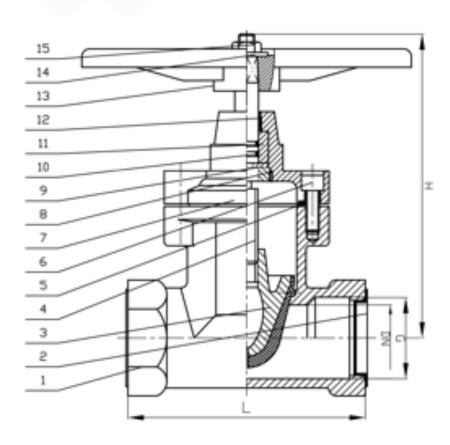
Product Features

- GGG40/50 Ductile Iron Body & Disc allows high impact and stretching resistance
- With Full Bore design, ensures minimized pressure loss and increased energy efficiency
- Maintenance free valve design
- Fully EPDM vulcanized wedge maintains full stop of flow and can absorb smaller particles in the flow. (NBR coated wedge is optional)
- Stainless steel stem with threads for high strength
- Maintenance-free and corrosion-resistant multi stem O-rings ensures higher durability
- Ready to assemble extension spindle
- Brass stem nut provides fixation of the stem and low torques.
- With isolated bonnet nuts, no risk of corrosion
- Bidirectional use. Possible to install on horizontal and vertical pipelines with varied flow directions
- Fixed wedge structures prevents vibration
- With precise machined stem, ensures low torque requirements during operation
- Full coating on the body and disc internally & externally with an average of 250 microns. Higher coating thicknesses are available when required.
- WRAS approved coating available upon request which meets hygienic requirements for potable water applications
- Suitable for vacuum conditions
- Suitable for shut-off and isolation purposes. Not suitable for regulation purposes
- Suitable to use with above-underground applications. Can be operated with handwheel, gearbox, actuator and spindle
- Hydrostatic test pressure for seat: PN x 1.1, for shell: PN x 1.5 according to EN 12266-1.

V158 SERVICE CONNECTION VALVE

Material List & Dimension Table





DN	L	Н	G
15	105	185	BSP 1/2"
20	105	185	BSP 3/4″
25	115	202	BSP 1″
32	115	202	BSP 1 1/4"
40	152	208	BSP 1 1/2"
50	152	208	BSP 2"

No	Part	Material
1	Body	GGG40/50 Ductile Iron
2	Cap	Nylon
3	Wedge	EPDM vulcanised Ductile Iron
4	Stem	AISI 420
5	Gasket	NBR / EPDM
6	Bonnet Bolt	Steel
7	Bonnet	GGG40/50 Ductile Iron
8	Stem Nut	Brass
9	Bolt	Steel
10	Thrust Collar	Brass
11	O-Ring	NBR / EPDM
12	Sealing Ring	EPDM
13	Dust Ring	NBR / EPDM
14	Cap/Handwheel	GGG40/50 Ductile Iron
15	Bolt	Steel