

V159

SOCKET-END GATE VALVE



Product Features

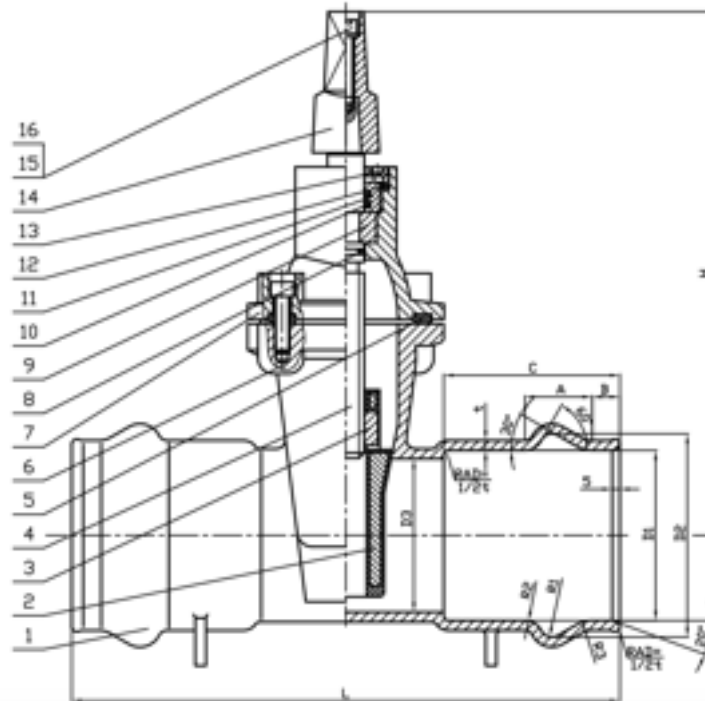
- GG40/50 Ductile Iron Body & Disc allows high impact and stretching resistance
- With Full Bore design, ensures minimized pressure loss and increased energy efficiency
- Maintenance free valve design
- Fully EPDM vulcanized wedge maintains full stop of flow and can absorb smaller particles in the flow. (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
- Brass wedge 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
- For big size valves, balanced positioned lifting holes on the body ease transportation and installation
- Suitable for vacuum conditions
- Suitable for shut-off and isolation purposes. Not suitable for regulation purposes
- Electrical actuator connection is done with an intermediate top flange arrangement
- 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.

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Material List



No	Part	Material
1	Body	GGG40/50 Ductile Iron
2	Wedge	NBR/EPDM coated Ductile Iron
3	Stem Nut	Brass
4	Stem Nut	AISI 420 Stainless Steel
5	Gasket	NBR / EPDM
6	Bonnet	GGG40/50 Ductile Iron
7	Bonnet Bolt	Steel
8	O-Ring	NBR / EPDM
9	Locating Ring	Brass
10	O-Ring	NBR / EPDM
11	Bonnet Nut	Brass
12	Minipad	PTFE
13	Dust Ring	Nylon
14	Cap	GGG40/50 Ductile Iron
15	Washer	Steel
16	Bolt	Steel

