

V152

RISING STEM GATE VALVE



Product Description

TVN V152 Rising Stem Gate Valve is a type of gate valve which is able to follow the opening/closing position by moving the stem up & down movement, is able to follow electronically the movement by adding a monitoring key, and full open position does not disrupt the flow. Rising Stem Gate Valve generates low head loss according to butterfly valves



Technical Data

Size range:	DN40 - DN600
Pressure range	PN 10-16-25
Temperature	-10°C to +130 °C
Design:	EN1171
Face to face	EN 558 F4
Flange drilling	EN 1092-2 / ISO 7005-2 Flanged
Coating	Electrostatic Powder Epoxy
Testing	EN 12266-1
Marking	EN 19
Operation	Handwheel
	Electrical Actuators

Application Range

- Potable water applications
- Waste water
- Water treatment and distribution systems
- Mining industry
- Shipbuilding and drilling facilities
- HVAC systems

Related Products

- V991 Surface Box
- V993 Extension Spindle
- V851 Y-Strainer
- V301 Air Release Valve
- V201 Swing Check Valve



POTABLE WATER



WASTE WATER

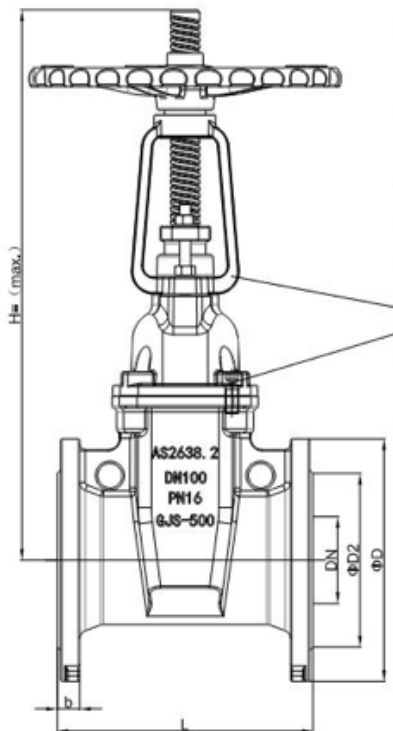


INDUSTRY

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 vulcanised wedge maintains full stop of flow and can absorb smaller particules 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.

Material List



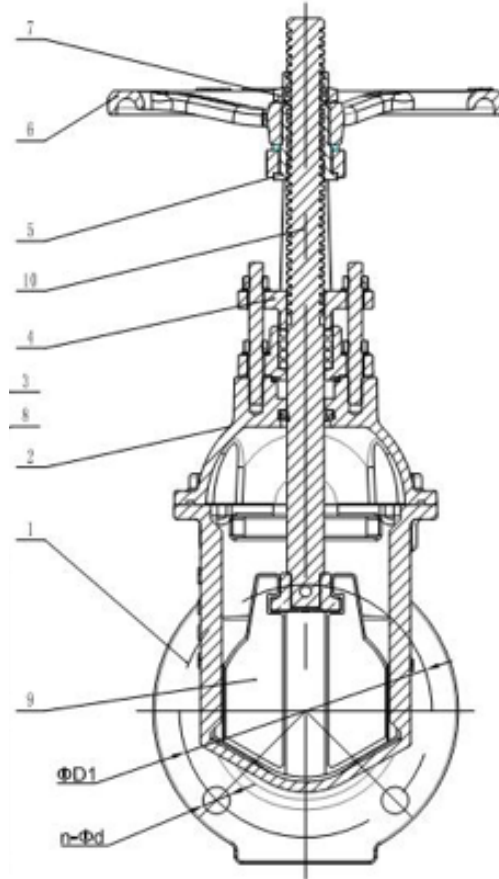
No.	Part	Material
1	Body	GGG50
2	Bonnet	GGG50
3	Yoke	GGG50
4	Gland	GGG50
5	Stem Nut	Brass
6	Handwheel	GGG50
7	Nut	304 SS
8	Bolt	316 SS
9	Disc	GGG50 + EPDM
10	Stem	304 SS

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Dimensions Table



DN (MM)	D	D1	D2	n-d	b	L	H
50	150	114	90	43191	18	178	373
65	165	127	103	43191	18	190	378.5
80	185	146	122	43191	18	203	450
100	215	178	154	43191	20	229	484
150	280	235	211	43313	23	267	634
200	335	292	268	43313	23	292	779
250	405	356	328	44774	24	330	932
300	455	406	378	44896	30	356	1071