

G19

Socket End Gate Valve

Product Description

DENZ-G19 Socket-end resilient seated gate valve is designed to withstand long-term operation in many conditions, especially for PVC pipelines that are subject to extreme conditions.



Application Areas

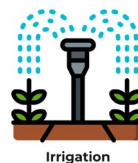
- House water connection / service connection
- Indoor / outdoor water branch piping
- Cold & hot water
- Tanks
- Water Treatment Plants
- Potable water
- Treated sewage effluent

Operation Versions

- Handwheel
- Bare shaft
- Operation cap

Production References

Size Range	DN40 – DN300
Pressure Range	PN10/16
Temperature	-10°C to +80°C
Face to face	EN558 Series 15
Design	EN 1171 / EN 1074
Connection	EN ISO 4422 Socket-end
Coating	Electrostatic Powder Epoxy
Testing	EN 12266-1
Marking	EN 19

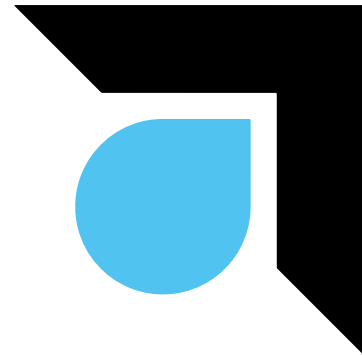




Product Features

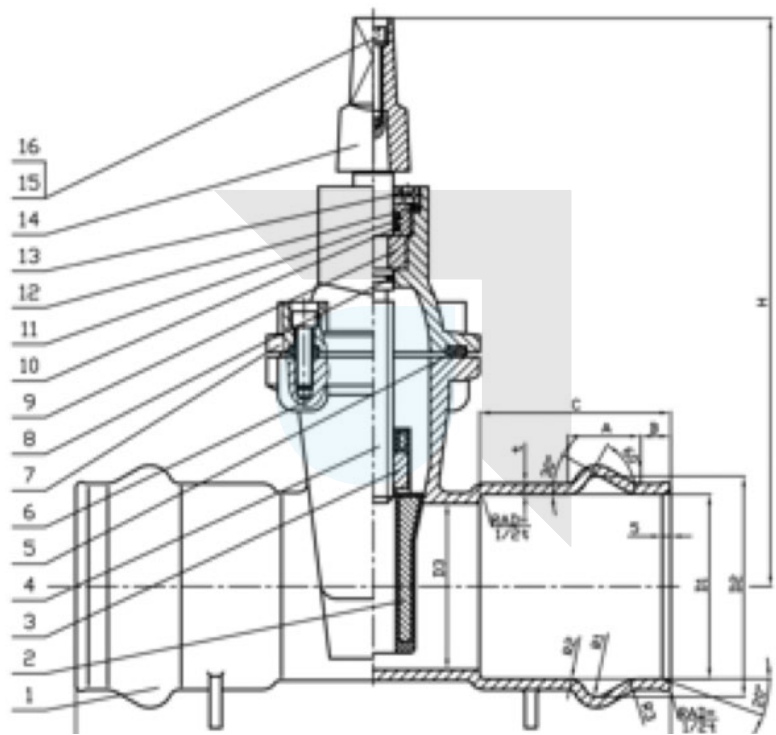


- Ductile iron body and bonnet for high strength and impact resistance
- Ductile iron gate fully encapsulated in EPDM to ensure drop tight sealing
- Fully EPDM or NBR vulcanized wedge maintains a complete block of flow and can absorb small particles in the flow.
- Higher durability is ensured by multi-stem O-rings that do not require maintenance and are corrosion resistant.
- There is no corrosion risk associated with isolated bonnet nuts
- It is possible to use it in both directions. The valve can be installed horizontally or vertically with a variety of flow directions
- AISI420 stainless steel spindle for high strength and corrosion resistance
- Design of a valve that does not require maintenance
- Back seal facility to allow for replacement of seals under full operating pressure
- The precise machined stem ensures a low torque requirement during operation due to the precision of the stem.
- Potable water applications are available with WRAS-approved coating upon request.
- It is easier to transport and install large valves with balanced lifting holes on the body.
- 100% of the valves are subjected to Hydrostatic tests according to EN 12266-1. Pressure for seat: PN x 1.1 , for shell: PN x 1.5



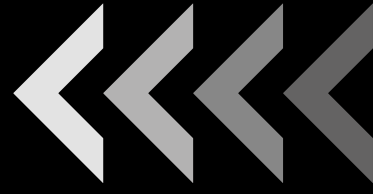


Materials

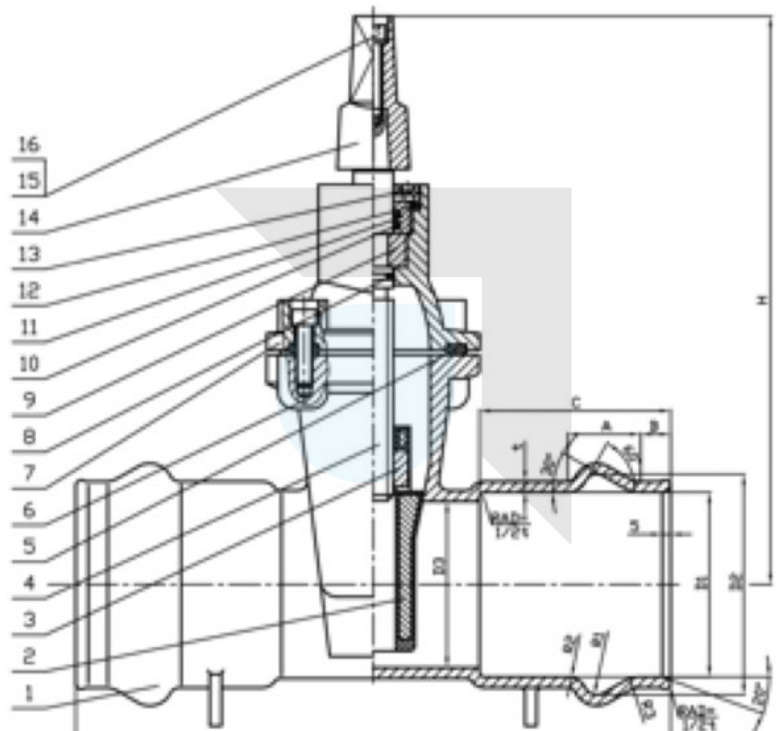


#	Part	Material
1	Body	GGG40/50 Ductile Iron
2	Wedge	NBR/EPDM coated Ductile Iron
3	Stem Nut	Brass
4	Stem Nut	AISI 420 Stainless Steel
5	Gasket	NBR / EPDM
6	Bonnet	GGG40/50 Ductile Iron
7	Bonnet Bolt	Steel
8	O-Ring	NBR / EPDM
9	Locating Ring	Brass
10	O-Ring	NBR / EPDM
11	Bonnet Nut	Brass
12	Minipad	PTFE
13	Dust Ring	Nylon
14	Cap	GGG40/50 Ductile Iron
15	Washer	Steel
16	Bolt	Steel





Dimensions



DN	D1	D2	D3	D4	R1	R2	R3	A	B	C	t	L	H
50/63	63.8	80.2	55	18	5	8	16	32	15	90	6	335	223
65/75	75.8	94.1	65	20	5.5	9	18	35.7	15	110	6	335	248
80/90	90.9	110.9	80	20	6	10	19	39	17	110	6	335	274
100/110	111	132.7	100	20	6.5	12	21	43.1	18	110	7	355	307
125/140	141.1	164.5	125	24	6.97	15	24	48	20	120	7	405	362
150/160	161.2	186.2	150	24	7.5	17	27	52	22	120	7	405	400
200/200	201.4	227.8	178	26	8	18	30	56	24	135	7.5	450	487
225/225	227	255	200	26	8.5	18.5	30.5	58	26	135	8	450	573
250/250	251.7	282.8	228	28	9	23	37	66.5	27	150	8.5	500	661
280/280	282	312	250	28	10	20	65	72	27	150	8.5	500	733
300/315	317	351.5	300	32	10.5	24	55.7	77.5	30	170	8.5	550	810

Units: mm / indicative dimensions & weights

