



G18

Service Valve

Product Description

DENZ-G18 is a threaded service valve with an internal thread for use with water. The valve serves as a shut-off device for the underground lines that enters the buildings. By controlling the extension shaft, the service valve opens or closes the water supply.



Application Areas

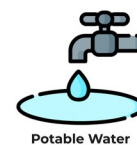
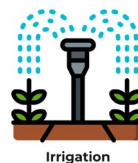
- House water connection
- / service connection
- Indoor / outdoor water branch piping
- Cold & hot water
- Tanks
- Water treatment plants

Operation Versions

- Handwheel
- Bare shaft
- Operation cap

Production References

Size Range	DN15 – DN50
Pressure Range	PN16
Temperature	-10°C to +80°C
Face to face	EN558
Design	EN 1171 / EN 1074
Connection	EN ISO 228-1 Threaded
Coating	Electrostatic Powder Epoxy
Testing	EN 12266-1
Marking	EN 19

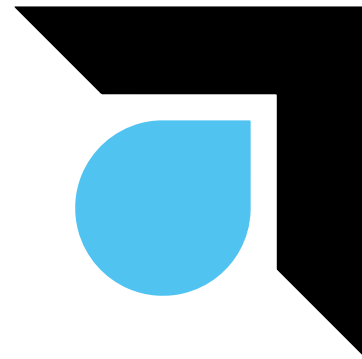




Product Features

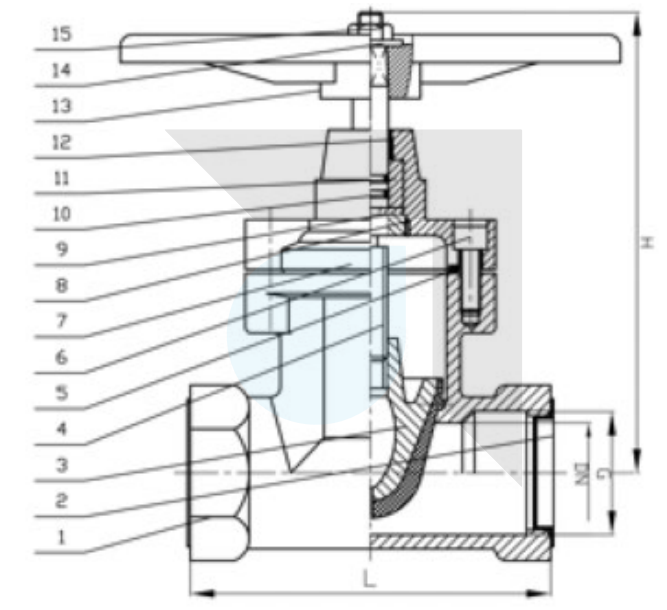
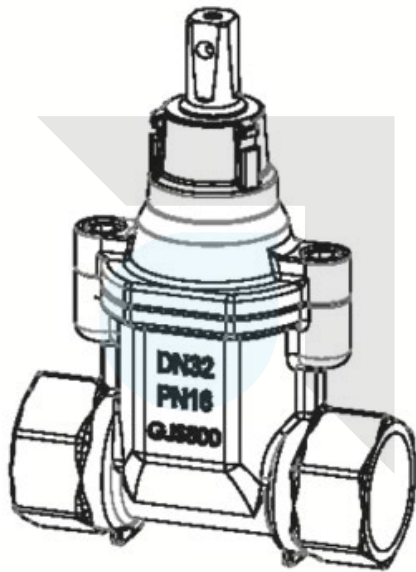


- Ductile iron body and bonnet for high strength and impact resistance
- Ductile iron gate fully encapsulated in EPDM to ensure drop tight sealing
- Fully EPDM or NBR vulcanized wedge maintains a complete block of flow and can absorb small particles in the flow.
- Higher durability is ensured by multi-stem 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.
- Fusion bonded epoxy coating for long life corrosion protection
- Straight through full bore to avoid debris traps
- Isolated fasteners for corrosion protection
- Anti-friction thrust washer for low operating torques
- Integral cast-in feet for safe and easy storage
- Direction of closure
- Anticlockwise closing or clockwise closing available
- Clockwise closing available
- 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 & Dimensions



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#	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

DN	L	H	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"

Units: mm / indicative dimensions & weights