

GATE VALVES

SPIGOT TYPE



MOD. 1500 | PN 16 | DN 50-300

Connecting directly with socket ductile iron pipes.

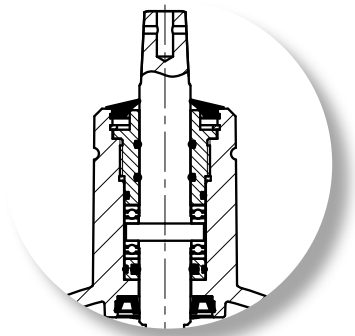


SPECIAL FEATURES

- Special gate valve to connect directly with socket ductile iron pipes.
- Manufactured according to the requirements of EN 1074 and EN 1171 (min. torque strength Class2).
- Body and bonnet high quality EPOXY powder coated (fusion bonded), coating thickness (DFT min. 250 microns), zero porosity (tested with 3000V), high impact resistance and cross-linkage according to DIN 30677-2 and DIN 3476.
- Multiple O-Ring spindle sealing system embedded in non-corrosive material to DIN 3547-1 and additional back lip-seal for double security.
- O-Rings changeable under pressure to ISO 7259.
- Non-rising stainless steel spindle (single forged round bar with rolled threading).
- Wedge inside and outside fully rubber vulcanised, with drain hole and special guiding rails to minimize friction.
- Solid flexible wedge nut from corrosion free material.
- Gliding disc on the spindle neck to reduce friction when operating the spindle. from DN 250 and bigger with additional axial roller bearing.
- Bolts protected against corrosion by special resin.
- Protection ring between body and bonnet to reduce risk of damages on the coating due to mechanical impacts during transport, handling and installation.
- Markings following EN 19.
- Manual operation by handwheel, operating cup, extension spindle (underground installation).



All metal, rubber, and coatings used have been designed for contact with water for human consumption, pursuant to the terms of Italian Health Ministry decree n° 174, dated 6/4/2004.



DN 250 - 300

MATERIALS

Body and bonnet:

Ductile iron EN-GJS-400-15/EN 1563
(former to DIN GGG40)

Spindle:

Stainless steel 1.4021/EN ISO 10088
(equivalent to UNI X20Cr13 or AISI 420)

Wedge:

Ductile iron EN-GJS-400-15/EN 1563
(former to DIN GGG40), EPDM rubber vulcanised,
potable water approved

Wedge nut:

Brass CuZn40Pb2

O-Ring bush:

Brass CuZn40Pb2

Gliding disc:

POM

Back lip seal and bonnet seal:

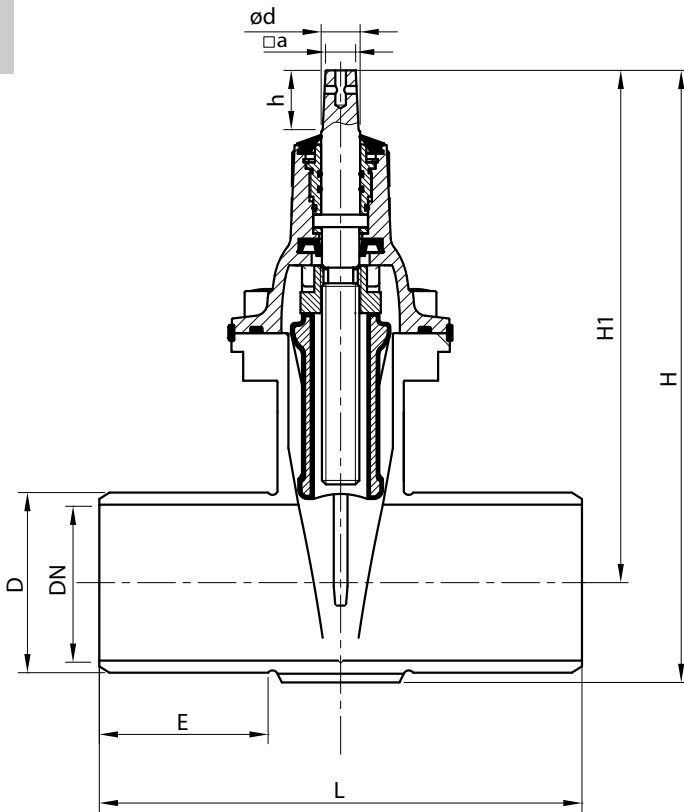
EPDM rubber, potable water approved

Bonnet allen screws:

Steel class 8.8 to EN ISO 898, corrosion protected
by special seal

Protection ring:

Reinforced plastic material



DN	D	L	E	H1	H	□a	∅d	h	Weight (kg)
50	66	250	72	230	270	17,8 - 14,8	20	30	7
60	77	270	72	240	280	20,8 - 17,3	25	35	9
65	82	270	80	240	280	20,8 - 17,3	25	35	10
80	98	280	85	290	340	20,8 - 17,3	25	35	14
100	118	300	86	325	390	23 - 19,2	25	38	18
125	144	325	96	375	455	23 - 19,2	28	38	27
150	170	350	100	420	510	23 - 19,2	28	38	37
200	222	400	110	505	625	29 - 24,2	32	48	64
250	274	450	128	660	805	32 - 27,2	34	48	102
300	326	500	145	735	910	32 - 27,2	34	48	153

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