

GATE VALVES

SOCKET ENDS FOR PVC PIPES



MOD. 1300 | PN 16 | DN 50-300

Connecting directly with socket ductile iron pipes.

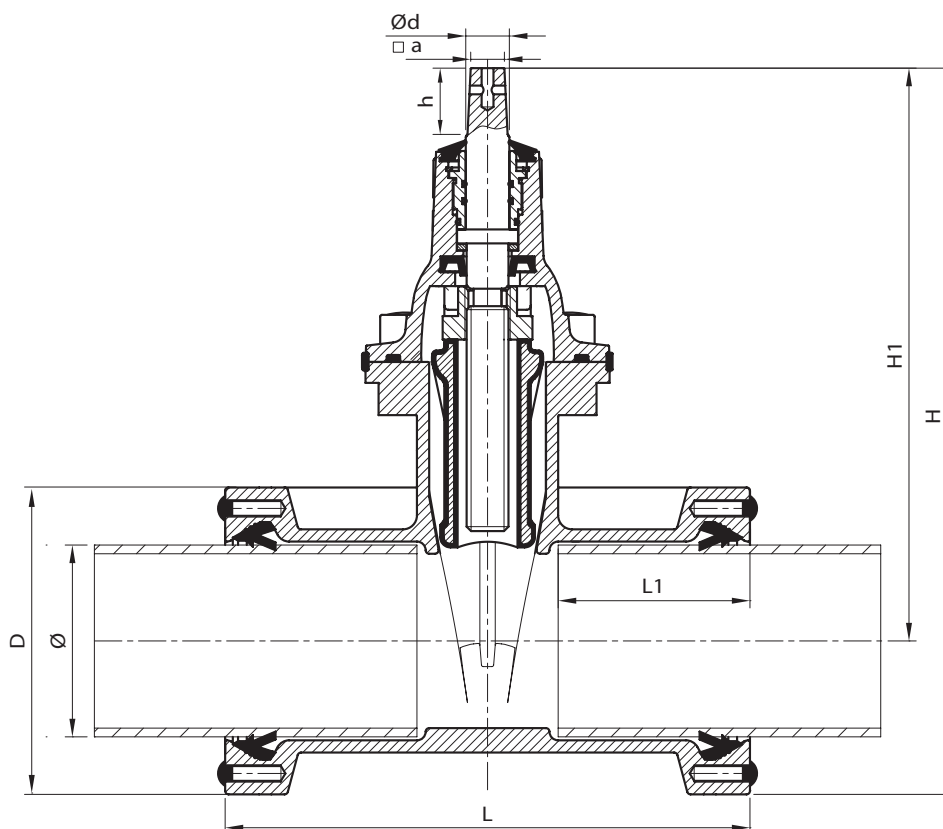


SPECIAL FEATURES

- Special gate valve to connect directly PVC pipes, connection sealing by double lip gasket.
- Perfect sealing on plastic pipe by back seal hydraulically operating. Special gasket KTW, W270 and EN 681-1 WA approved.
- 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 micron, 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.
- 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 cap, 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.



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

O-Ring, back seal, bonnet seal and dust cap:

EPDM rubber, potable water approved

Bonnet allen screws:

Steel class 8.8 to EN ISO 898-1, corrosion protected by special seal

Protection ring:

Reinforced plastic material

DN	Ø	D	H	H1	L	L1	□a	Ød	h	Weight (kg)
50	63	102	264	218	250	95	17,8 - 14,8	21	30	8
65	75	109	311	256	260	100	20,8 - 17,3	24	35	10
80	90	156	369	293	280	105	20,8 - 17,3	24	35	12,5
100	110	176	413	325	305	115	23 - 19,3	24	38	17,5
125	125	196	480	380	340	120	23 - 19,3	28	38	24
125	140	213	488	380	340	130	23 - 19,3	28	38	26
150	160	241	537	420	355	133	23 - 19,3	28	38	30,5
150	180	262	547	420	365	133	23 - 19,3	28	38	35
200	200	287	688	546	410	150	29 - 24,3	32	48	60
200	225	310	693	546	420	150	29 - 24,3	32	48	62
250	250	351	840	660	480	170	32 - 27,2	34	48	95
300	315	425	950	737	530	180	32 - 27,2	34	48	135

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