

SPIGOT ENDS FOR PE PIPES



MOD. 1200 | **PN 10** | **DN 80-200**

Both ends with integral PE100-SDR17 tails for welding

MOD. 1201 | **PN 16** | **DN 80-200**

Both ends with integral PE100-SDR11 tails for welding

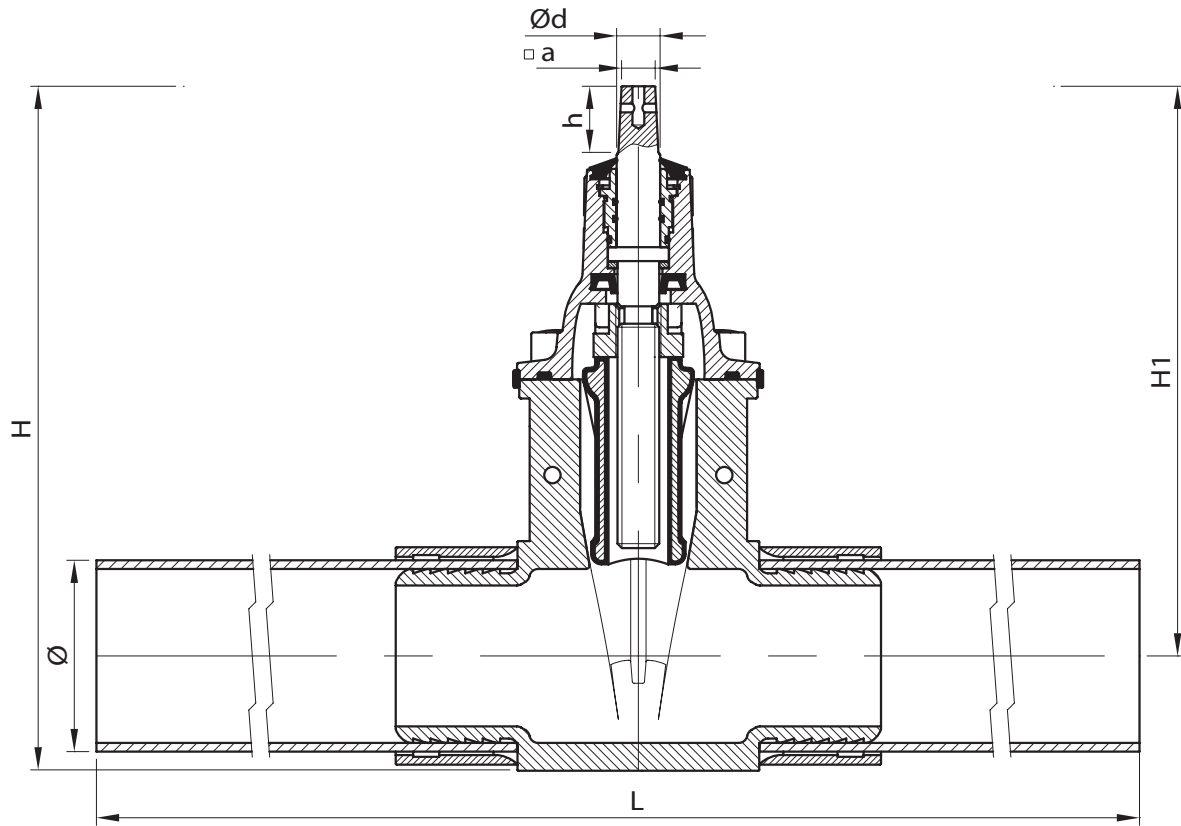


SPECIAL FEATURES

- PE pipes for welding inserted directly into valve body and mechanically blocked.
- 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 lip 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

PE locking bushes:

Carbon steel Rilsan black coated

PE-tails:

PN 16 PE 100 (SDR 11) or PN 10 PE 100 (SDR 17,6)

DN	Ø	H	H1	L	a	Ød	h	Weight (kg)
80	90	358	304	730	20,8 - 17,3	24	35	15
100	110	403	337	820	23 - 19,3	24	38	19
150	160	525	433	850	23 - 19,3	27	38	37
200	225	656	534	900	29 - 24,3	32	48	70

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.