

SHUT OFF PIPE SADDLE PN 16 WITH INTERNAL THREAD FOR INSTALLATION ON PE/PVC PIPES

DESCRIPTION:

Pipe saddle PN 16 with cylindrical gas internal thread, for under pressure drilling, to be used for installation on PE/PVC pipes; suitable for drinking water. Maximum working temperature 70°C

TECHNICAL DATA:

Top and Bottom shells made of ductile iron GJS 400-15 (ISO 1083:2018); fully fusion bonded epoxy powder coated RAL 5015 GSK approved; minimum thickness 250 µm (UNI EN 14901:2006) using the fluidized bed system.

Shut off device integrated in a monoblock casting made by double special gaskets for under pressure drilling shutting off by blade type IM3000

Top shell seal gasket, with integrated O-ring shape, is located and glued in a suitable groove that allows normal deformation of its shape once compressed on the pipe.

Bottom shell with internal **flat gasket** that gives friction function avoiding possible sliding around the pipe

Safety protection cover, with hinge system for easy opening, to prevent dirt filling problem in the shut off outlet

Shells tightening by four stud bolts fixed on the bottom shell (with normal bolts instead under request)

Pipe Saddle suitable for underground installation without any additional protection

STANDARD:

All materials used have been selected for contact with potable water in compliance to the terms of Italian Health Ministry Decree N. 174 dated 06/04/2004 and tested in a third-party laboratory.

Construction made according to EN 1074

Outlet threading according to UNI EN 10226-1

Production according to EN 1171 in ISO 9001-15 certified Factory

Hydraulic tests according to EN 1074-1 e 2 / EN 12266

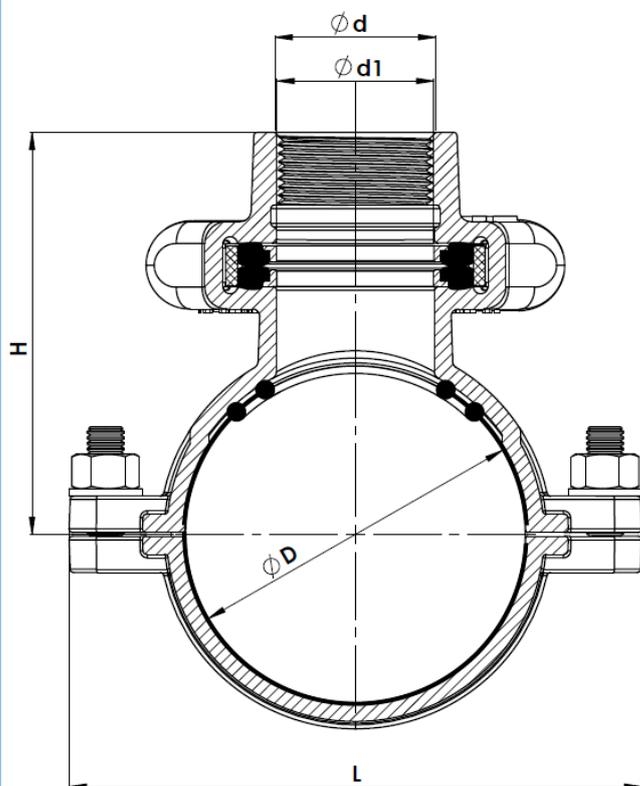


MARKINGS:

- Threading dimension
- Material identification
- Foundry identification
- Batch number
- Manufacturer Logo

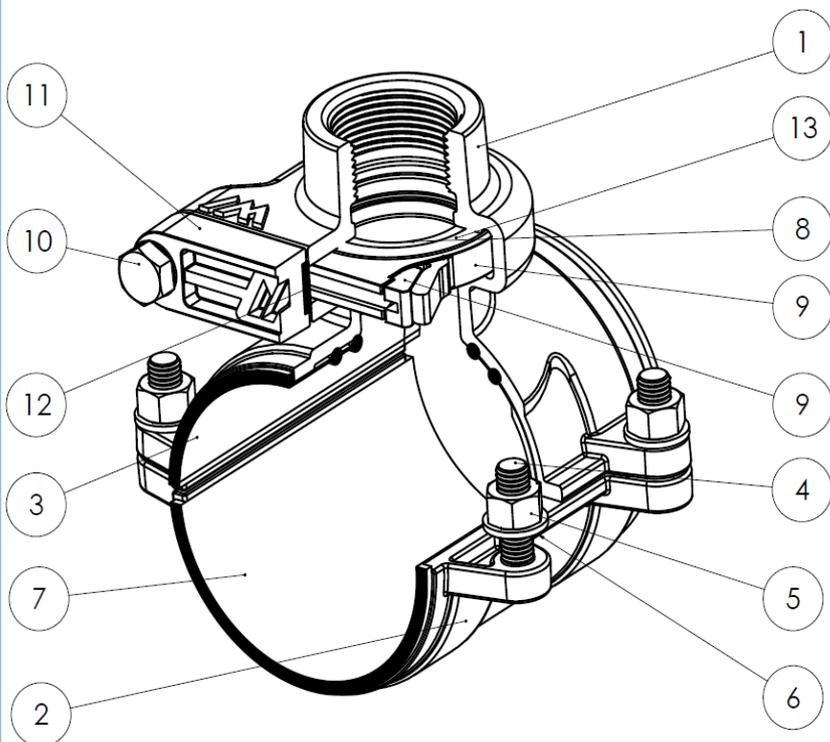
PRESSUR TEST:

- PFA: 16 bar
- PMA: 25 bar



D	L	DIMENSION								WEIGHT			
		H				d1				KG			
d =		1"	1"1/4	1"1/2	2"	1"	1"1/4	1"1/2	2"	1"	1"1/4	1"1/2	2"
63	130	98	98	98	98	43	43	43	43	2,3	2,3	2,5	2,5
75	140	100	100	100	100	43	43	43	43	2,7	2,7	2,9	2,9
90	155	110	110	110	110	43	43	43	43	3,2	3,2	3,4	3,4
110	175	118	118	118	118	43	43	43	43	3,4	3,4	3,6	3,6
160	235	142	142	142	142	43	43	43	43	5,8	5,8	6,2	6,2
200	285	168	168	168	168	43	43	43	43	8,5	8,5	8,9	8,9

BILL OF MATERIAL



1. **Top Shell:** Ductile iron GJS 400-15 with epoxy powder coating thickness 250 µm
2. **Bottom Shell:** Ductile iron GJS 400-15 with epoxy powder coating thickness 250 µm
3. **Top Shell Gasket:** EPDM Rubber
4. **Stud Bolts:** Stainless steel AISI 304 (grade A2)
5. **Nuts:** Stainless steel AISI 304 (grade A2)
6. **Washers:** Stainless steel AISI 304
7. **Bottom Shell Gasket:** EPDM Rubber
8. **Reinforcement ring:** Acetylic resin POM
9. **Elastic ring and lockers:** Acetylic resin POM
10. **Screws:** Stainless steel AISI 304 (grade A2)
11. **Protection cover:** GF PA
12. **Cover gasket:** EPDM rubber
13. **Internal sealing gasket:** EPDM rubber

ASSEMBLY NOTE: REFER TO THE DATA SHEET PM-IM5700.00