



IMP Voda S.r.o



UNIVERSAL SHUT OFF SADDLE PN 16 WITH INTERNAL THREAD

DESCRIPTION:

Universal saddle, with cylindrical gas internal thread, for under pressure drilling to be used for ductile iron, steel and asbestos pipes; suitable for drinking water. Maximum working temperature 70°C

TECHNICAL DATA:

Body 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.

The **saddle seal** with integrated O-rings shape, supplied with S/S straps model type IM3900/IM3910, is molded to fit all pipe diameters (four seals for full pipe range from DN 50 to 400 mm)

Internal sealing made by double special gaskets for under pressure drilling shutting off by blade type IM3000

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

Locking straps seat with spherical shape; body with one open end to ensure easy assembly

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 / EN545

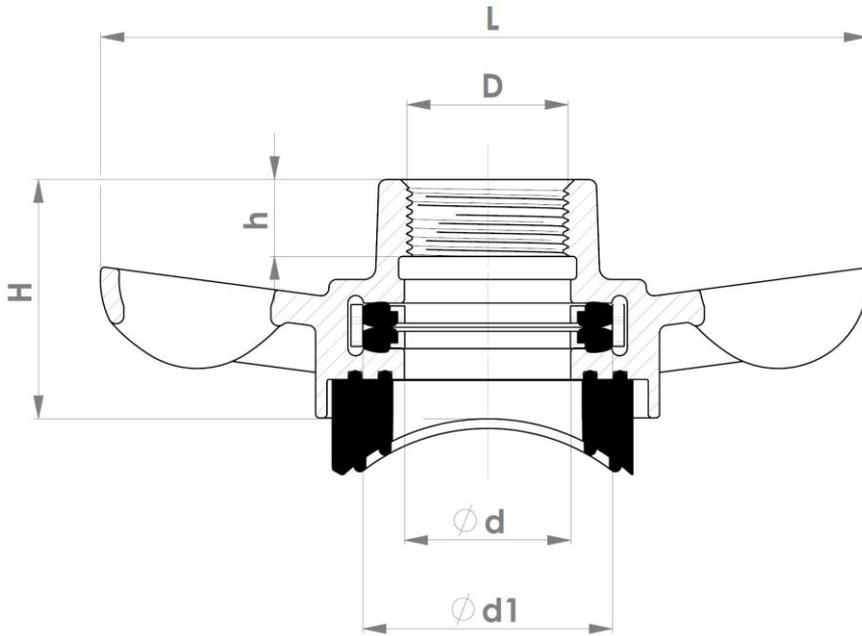
PRESSUR TEST:

PFA: 16 bar

PMA: 25 bar

MARKINGS:

- Thread dimension
- Nominal pressure
- Material identification
- Foundry identification
- Batch number
- Manufacturer Logo



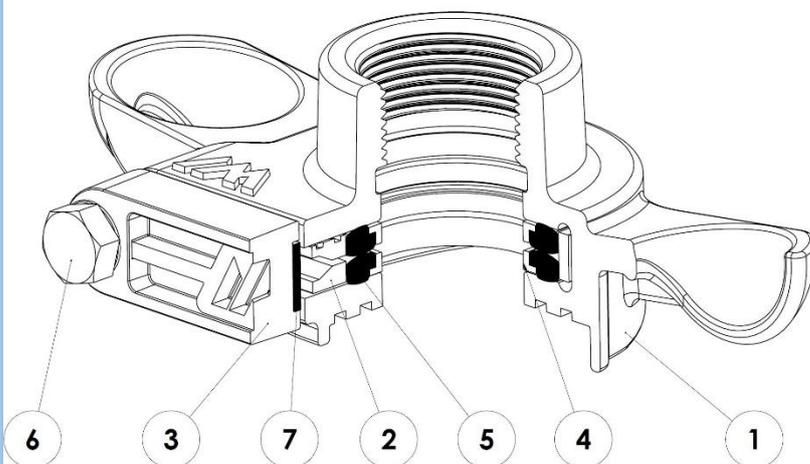
DIMENSION (mm)				
D	1"	1" ¼	1" ½	2"
d	42	42	42	42
d1	68	68	68	68
L	198	198	198	198
H	65	65	65	65
h	15	18	18	18
Weight Kg	1,40	1,45	1,50	1,55

"H": is the minimum dimension to be guaranteed after the strap bolts have been tightened

Weight is relevant to the adapter complete with all listed components below

BILL OF MATERIAL

- Body:** Ductile iron GJS 400-15 with epoxy powder coating thickness 250 μm
- Elastic ring and lockers:** Acetylic resin POM
- Protection cover:** GF PA
- Reinforcement ring:** Acetylic resin POM
- Internal sealing gasket:** EPDM rubber
- Screws:** Stainless steel AISI 304 (grade A2)
- Cover gasket:** EPDM rubber



ASSEMBLY NOTE: REFER TO THE DATA SHEET PM-IM3700.02