


MODEL 2251 | **PN 16** | **DN 1" - 2"**

One end with internal threading and the other at 90° with external threading.

SPECIAL FEATURES

- Straight model with one end with internal threading and the other at 90° with external threading for direct connection to the saddle.
- Manufactured according to the requirements of EN 1074.
- Body and bonnet high quality 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.
- Additional back sealing disc for O-Rings replacement under pressure to ISO 7259.
- Non-rising stainless steel spindle (single forged round bar with rolled threading).
- Wedge on sealing surfaces completely rubber vulcanised, with drain hole.
- Fasteners protected against corrosion by special resin sealing.
- Threads according to EN 10226-1.
- Manual operation by handwheel, operating cup, extension spindle (underground installation).

MATERIALS

Body and bonnet:

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

Spindle:

Stainless steel 1.4021/EN ISO 10088 (equivalent to UNI X20Cr13 or AISI420)

Wedge:

Brass CuZn40Pb2, rubber vulcanised, potable water approved

O-Ring bush:

Brass CuZn40Pb2

Anti-friction bush:

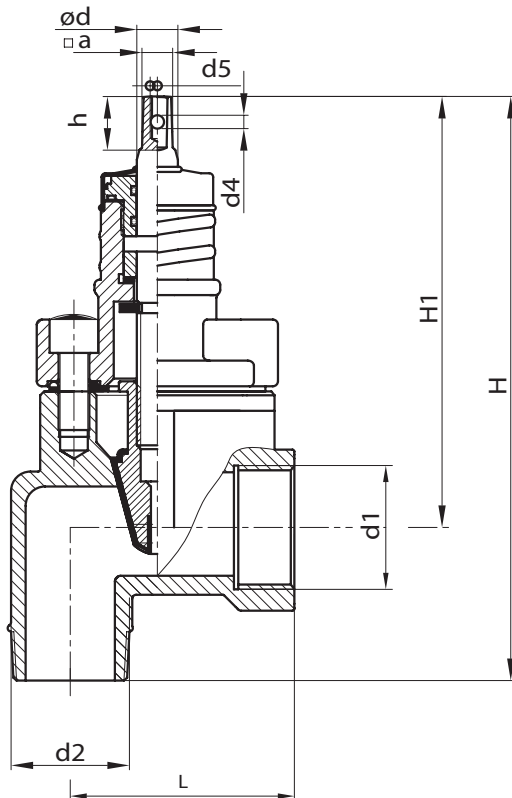
POM

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

Rubber, potable water approved

Fastening screws:

Steel class 8.8 to EN ISO 898



DN	d1	d2	L	H	H1	ød	a	h	d4/d5	Weight (kg)
1"	1"	1"1/4	90	225	169	16	10,5-12	21	5/M5	2,7
1"1/4	1"1/4	2"	115	295	215	16	10,5-12	21	5/M5	4,8
1"1/2	1"1/2	2"	115	295	215	16	10,5-12	21	5/M5	4,8
2"	2"	2"	115	295	215	16	10,5-12	21	5/M5	4,8

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.