



MOD. 2312

PN 16

DN 3/4" - 2"

Angle type, external threaded inlet and outlet with internal threading

SPECIAL FEATURES

- Inlet for direct connection to the pipe saddles, vertical installation.
- Manufactured according to the requirements of EN 1074.
- Body and bonnet high quality 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.
- Additional back sealing disc for O-Rings replacement under pressure to ISO 7259.
- Anti friction bush on spindle neck.
- Non-rising stainless steel spindle (single forged round bar with rolled threading).
- Plug with bottom surfaces fully rubber vulcanised, with drain hole.
- Threads according to EN 10226-1.
- Fasteners protected against corrosion by special resin sealing.
- Manual operation by handwheel, operating cap, 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)

Plug:

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:

Stainless steel A2-70/EN ISO 3506

DN	d1	d2	H	H1	L	L1	ød	□a	h	d4/d5	Weight (kg)
3/4"	3/4"	1"1/4	232	110	94	47	16	10,5-12	21	5/M5	2,81
1"	1"	1"1/4	232	110	94	47	16	10,5-12	21	5/M5	2,73
1"1/4	1"1/4	1"1/4	232	110	94	47	16	10,5-12	21	5/M5	2,75
1"1/4	1"1/4	2"	294	201	118	60	16	10,5-12	21	5/M5	5,05
1"1/2	1"1/2	2"	294	201	118	60	16	10,5-12	21	5/M5	5
2"	2"	2"	294	201	118	60	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.