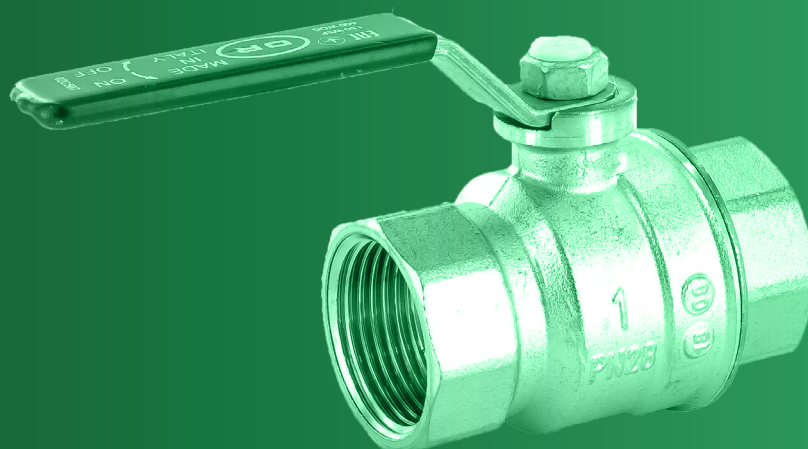




BALL VALVE **AUREA** STRAIGHT WITH LEVER

CONNECTIONS: FEMALE - FEMALE



DESCRIPTION

The ball valves **AUREA**, series 1100, are shut off valves with full bore passage for the dimensions from 1/2" up to 2" and standard passage for the dimensions from 2" 1/2 up to 4".

They can be installed in drinking water systems as well as in heating and air conditioning systems. The research to obtain the maximum strength for all components, renders the ball valve **AUREA** a highly reliable and functional device. The special seals enable the valve to work under a constant temperature up to 140°C.

TECHNICAL FEATURES

Pressure:

maximum allowable working pressure 1/2"- 3/4" (PN) 35 bar

maximum allowable working pressure 1 ÷ 4" (PN) 28 bar

Temperature:

maximum working temperature (Ts)

from 0°C (excluding ice) to 140°C

Compatible fluids:

water

heat transfer fluids

glycolate solutions

in compliance with Italian national standards UNI 8065 § 6
glycol 50%

Threading:

pipeline connections

threads according to ISO 228/1

Flow coefficient (Kv) (m³/h):

1/2" = 12,7

3/4" = 24,6

1" = 48,5

1" 1/4 = 98

1" 1/2 = 140

2" = 211

2" 1/2 = 240

3" = 269

4" = 461

Tests:

shell tightness

UNI EN 13828

DESIGN

Body and sleeve

Lever

Ball

Other components in brass

O-ring gasket

Seat washers

Other sealing elements

Hexagonal nut

brass EN 12165-CW617N with chrome-plated coating

PVC coating and anti-corrosion treatment steel

brass EN12165-CW617N with chrome-plated coating

brass EN12164-CW614N

FKM rubber

PTFE

PTFE

anti-corrosion treatment steel

PRODUCT CODES

| | | |
|----------|---------------|--------|
| 1100.015 | female/female | 1/2" |
| 1100.020 | female/female | 3/4" |
| 1100.025 | female/female | 1" |
| 1100.033 | female/female | 1" 1/4 |
| 1100.042 | female/female | 1" 1/2 |

| | | |
|----------|---------------|--------|
| 1100.050 | female/female | 2" |
| 1100.066 | female/female | 2" 1/2 |
| 1100.080 | female/female | 3" |
| 1100.100 | female/female | 4" |

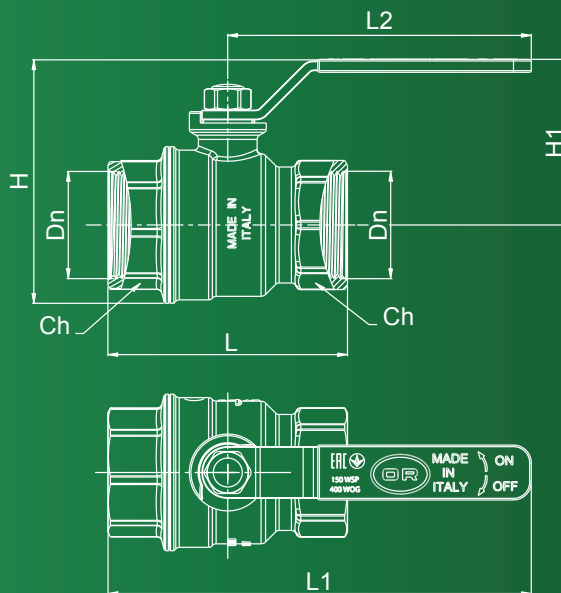
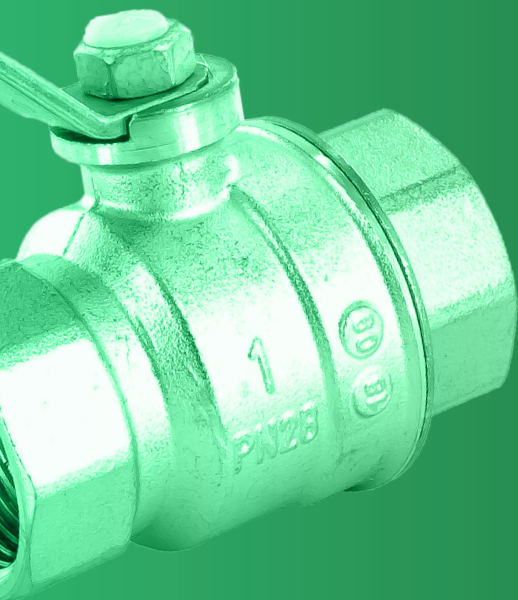


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1100 • 1/2" ÷ 4"

BALL VALVE **AUREA** STRAIGHT WITH LEVER

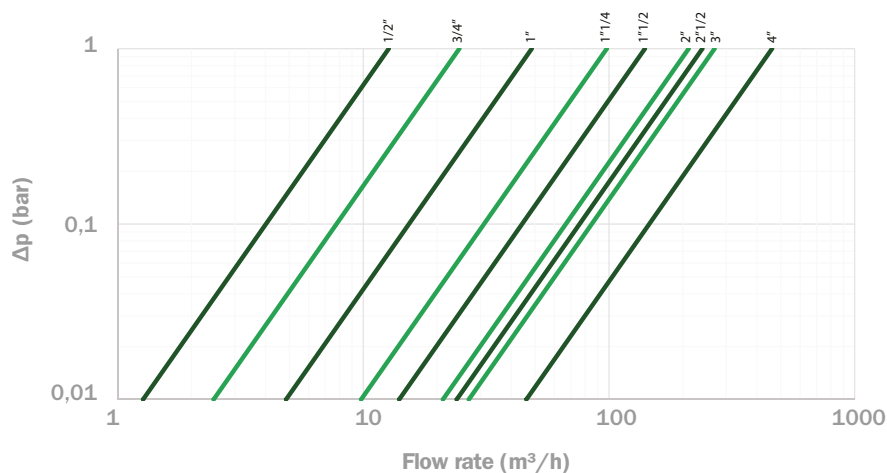
CONNECTIONS: FEMALE - FEMALE



FEATURES

| Dn | L [mm] | L1 [mm] | L2 [mm] | H [mm] | H1 [mm] | Ch [mm] |
|--------|-----------|------------|------------|-----------|------------|------------|
| 1/2" | 53 | 103 | 77 | 51 | 35 | 25 |
| 3/4" | 60 | 125 | 95 | 67 | 47 | 31 |
| 1" | 74 | 132 | 95 | 76 | 51 | 38 |
| 1" 1/4 | 84 | 137 | 95 | 85 | 56 | 47 |
| 1" 1/2 | 95 | 185 | 137 | 104 | 69 | 54 |
| 2" | 109 | 192 | 137 | 120 | 77 | 66 |
| 2" 1/2 | 146 | 246 | 173 | 154 | 102 | 82 |
| 3" | 160 | 253 | 173 | 169 | 109 | 98 |
| 4" | 207 | 290 | 187 | 207 | 130 | 122 |

HEAD LOSS DIAGRAM



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