



## BALL VALVE AUREA STRAIGHT WITH BUTTERFLY HANDLE

CONNECTIONS: UNION MALE - FEMALE



### DESCRIPTION

The ball valves AUREA, 1120.5 series, are shut off valves with full bore passage. 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 - 1"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

male union

threads according to ISO 228/1

threads according to R-EN 10226

#### Flow coefficient (Kv) (m<sup>3</sup>/h):

1/2" = 12,7

3/4" = 24,6

1" = 48,5

1"1/4 = 98

#### Tests:

shell tightness

UNI EN 13828

### DESIGN

Body and sleeve

Butterfly handle

Ball

Other components in brass

O-ring gasket

Seat washers

Other sealing elements

Hexagonal nut

brass EN 12165-CW617N with chrome-plated coating

painted aluminium

brass EN12165-CW617N with chrome-plated coating

brass EN12164-CW614N

FKM rubber

PTFE

PTFE

anti-corrosion treatment steel

### PRODUCT CODES

1120.515 union male/female 1/2"

1120.520 union male/female 3/4"

1120.525 union male/female 1"

1120.533 union male/female 1" 1/4

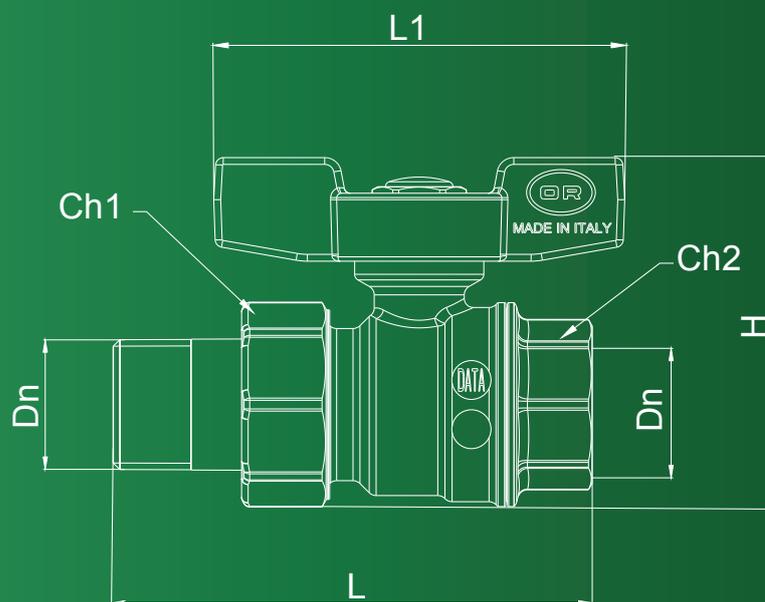


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# 1120.5 • 1/2" ÷ 1"1/4

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### FEATURES

Dn	L [mm]	L1 [mm]	H [mm]	Ch1 [mm]	Ch2 [mm]
1/2"	74	63	54	30	25
3/4"	83	73	64	38	31
1"	95	73	72	46	38
1"1/4	112	73	82	53	47

### HEAD LOSS DIAGRAM

