


1. Identification of the product type


EN 331 Manually operated ball valve
 Gas Family: 1st and 2nd family gases at medium pressure. 3rd family gases at low pressure; Pressure Class: MOP 5;

2. Product identification.

Nominal Size:	Code:
DN 6	6300 1/8-1/8, 6300 1/4-1/4, 6310 1/8-1/8, 6310 1/4-1/8, 6310 1/4-1/4, 6315 1/8-1/8, 6315 1/4-1/4, 6320 1/8-1/8, 6320 1/4-1/8, 6320 1/4-1/4, 6330 1/8-1/8, 6330 1/4-1/8, , 6330 1/4-1/4, 6340 6-1/8, 6340 8-1/8, 6340 8-1/4, 6350 1/8-6, 6350 1/8-8, 6350 1/4-6, 6350 1/4-8, 6400 1/8-1/8, 6400 1/4-1/4, 6405 1/8-1/8, 6405 1/4-1/4, 6410 1/8-1/8, 6410 1/4-1/8, 6410 1/4-1/4, 6415 1/8-1/8, 6415 1/4-1/4, 6420 1/8-1/8, 6420 1/8-1/4, 6420 1/4-1/4, 6420 3/8-1/4, 6430 6-1/8, 6430 8-1/8, 6430 8-1/4, 6440 1/8-6, 6440 1/8-8, 6440 1/4-6, 6440 1/4-8, 6440 1/4-10, 6440 3/8-8, 6450 6-6, 6450 6-8, 6450 8-8, 6450 10-8, 6490 1/4-1/4, 6500 8-8, 6540 1/4-1/4.
DN 8	6300 3/8-3/8, 6310 3/8-3/8, 6320 3/8-3/8, 6330 3/8-3/8, 6340 10-3/8, 6340 12-3/8, 6350 3/8-10, 6350 3/8-12, 6400 3/8-3/8, 6410 3/8-3/8, 6415 3/8-3/8, 6420 3/8-3/8, 6420 1/2-3/8, 6430 10-3/8, 6430 12-3/8, 6440 3/8-10, 6440 3/8-12, 6440 3/8-14, 6440 3/8-15, 6440 1/2-10, 6440 1/2-12, 6450 10-10, 6450 10-12, 6450 12-12, 6450 14-10, 6450 14-12, 6450 15-10, 6450 15-12, 6455 12-10, 6490 1/4-1/4,.
DN 10	6300 1/2-1/2, 6310 1/2-1/2, 6320 1/2-1/2, 6330 1/2-1/2, 6340 14-1/2, 6340 15-1/2, 6350 1/2-14, 6350 1/2-15, 6400 1/2-1/2, 6410 1/2-1/2, 6420 1/2-1/2, 6420 3/4-1/2, 6430 14-1/2, 6430 15-1/2, 6440 1/2-14, 6440 1/2-15, 6440 3/4-14, 6440 3/4-15, 6450 14-14, 6450 15-14, 6450 15-15, 6450 16-14, 6450 16-15, 6450 18-14, 6450 18-15.
DN 14	6300 3/4-3/4, 6310 3/4-3/4, 6320 3/4-3/4, 6330 3/4-3/4, 6340 16-3/4, 6340 18-3/4, 6350 3/4-16, 6350 3/4-18, 6400 3/4-3/4, 6410 3/4-3/4, 6420 3/4-3/4, 6430 16-3/4, 6430 18-3/4, 6440 3/4-16, 6440 3/4-18, 6450 18-16, 6450 18-18.

3. Intended use.

Manually operated ball valve. Gas Family: 1st, 2nd and 3rd

4. Name and address of the manufacture.

Aignep S.p.A. - Via Don G. Bazzoli 34 - 25070 Bione (BS) - ITALY

5. Attestation System.

System 3

6. Construction standard.

EN 331:2015

7. Surveillance body.

N/A

8. Essential Requirements covered by testing

Temperature class: -20°C to 80°C	Pressure class: MOP 5
Internal pressure: - pressure class: 5x10 ⁵ Pa - leak tightness: ≤20 cm ³ /h	Tightness (gas): - leak-tightness: ≤20cm ³ /h
Effectiveness: - rated flow rate: 3 m ³ /h (straight rated flow rate) 2 m ³ /h (angle rated flow rate)	Resistance to high temperature: (for heating networks) : not resistant
Mechanical strength (for gas networks): - torque and bending: Pass - operating torque: Pass	Safeguard against overloading of handle: (for gas networks) - stop resistance: Pass
Release of dangerous substances: Pass	Dimensional Tolerance: Pass
Durability: - endurance: Pass - resistance to low temperature: Pass - salt spray resistance: Pass - resistance to humidity: Pass	

Bione (BS), 05 September 2016

General Manager
Graziano Bugatti

