

Alicante 15/07/2026

2.2. CERTIFICATE OF CONFORMITY

To whom it may concern,

We have the pleasure to confirm herewith that products listed below are produced by Hidroten, S.A. in accordance to CSN-EN ISO:1452.

1- PRODUCTS: BUTTERFLY VALVES

1009627 PVC EPDM IMPLEX VALVE 75
1009628 PVC EPDM IMPLEX VALVE 90
1009629 PVC EPDM IMPLEX VALVE 110
1009630 PVC EPDM IMPLEX VALVE 125
1009631 PVC EPDM IMPLEX VALVE 140
1009632 PVC EPDM IMPLEX VALVE 160
1009633 PVC EPDM IMPLEX VALVE 200
1009634 PVC EPDM IMPLEX VALVE 250
1009635 PVC EPDM IMPLEX V. GEAR BOX 315
1009100 IMPLEX VALVE MOTORIZED Ø75 24-240V
1009862 IMPLEX VALVE MOTORIZED Ø90 24-240V
1009863 IMPLEX VALVE MOTORIZED Ø110 24-240V
1009864 IMPLEX VALVE MOTORIZED Ø125 24-240V
1009865 IMPLEX VALVE MOTORIZED Ø140
1009866 IMPLEX VALVE MOTORIZED Ø160 240V
1009106 IMPLEX VALVE MOTORIZED Ø200/225
1009107 IMPLEX VALVE MOTORIZED Ø250 24-240V
1009108 IMPLEX VALVE MOTORIZED Ø315 24-240V

2- CUSTOMER: AQUA-ME

3- MANUFACTURER: HIDROTEN, S.A

Quality System certified acc. to: EN ISO 9001:2015 by AENOR / IQNET



4- MATERIAL

Butterfly Valves are fully manufactured out of plastic virgin compounds with non-toxicity certificates according to the European Normative.

5- DIMENSIONS

The dimensions of Butterfly Valves are ruled by the European Norms UNE-EN ISO 1452-4 (U-PVC-U) and UNE-EN 12201 (PE pipes), which establishes the characteristics and size of the pipe and accessories.

Implex model allows to fit flanges with international standards UNE-EN 1452, DIN 2576, BS 10 Tables D & E and ANSI/ASME B16.5.

6- MANUFACTURING CONTROL

6.1. MATERIAL

Each raw material batch is inspected at delivered, checking the analysis report provided by the producer.

A Vicat softening test is performed on each U-PVC batch, according to ISO 2507-1.

6.2. TESTS

Valve's parts production is tested according to the internal Quality System, in which are checked, every two hours, the visual attributes and some variables as dimensions, according to the European Standards. All these controls are reflected in the Inspection Registers.

Later, quality tests are performed to each Production Order:

- **Resistance to Internal pressure test (according to UNE-EN ISO 1452-4):** Each Production Order is submitted to a hydraulic internal pressure test, at nominal pressure and this multiplied by a security factor ($1,5 \times NP$), for 60 min, in open and closed position.

Valves motorized, the test is done to the 100% of production.

- **Behavior in Extreme heat conditions (according to UNE-EN ISO 580):** The U-PVC parts (all Production Orders) are undergone to a 150 °C temperature for 60 min to check the optimal compaction of the injected material.

Test results:

NAME	PRESSURE TEST
1009627 PVC EPDM IMPLEX VALVE 75	10 bar – OK // 15 bar – OK
1009628 PVC EPDM IMPLEX VALVE 90	10 bar – OK // 15 bar – OK
1009629 PVC EPDM IMPLEX VALVE 110	10 bar – OK // 15 bar – OK
1009630 PVC EPDM IMPLEX VALVE 125	10 bar – OK // 15 bar – OK
1009631 PVC EPDM IMPLEX VALVE 140	10 bar – OK // 15 bar – OK
1009632 PVC EPDM IMPLEX VALVE 160	10 bar – OK // 15 bar – OK
1009633 PVC EPDM IMPLEX VALVE 200	6 bar – OK // 9 bar – OK
1009634 PVC EPDM IMPLEX VALVE 250	6 bar – OK // 9 bar – OK
1009635 PVC EPDM IMPLEX V. GEAR BOX 315	6 bar – OK // 9 bar – OK
1009100 IMPLEX VALVE MOTORIZED Ø75 24-240V	10 bar – OK // 15 bar – OK
1009862 IMPLEX VALVE MOTORIZED Ø90 24-240V	10 bar – OK // 15 bar – OK
1009863 IMPLEX VALVE MOTORIZED Ø110 24-240V	10 bar – OK // 15 bar – OK
1009864 IMPLEX VALVE MOTORIZED Ø125 24-240V	10 bar – OK // 15 bar – OK
1009865 IMPLEX VALVE MOTORIZED Ø140	10 bar – OK // 15 bar – OK
1009866 IMPLEX VALVE MOTORIZED Ø160 240V	10 bar – OK // 15 bar – OK
1009106 IMPLEX VALVE MOTORIZED Ø200/225	6 bar – OK // 9 bar – OK
1009107 IMPLEX VALVE MOTORIZED Ø250 24-240V	6 bar – OK // 9 bar – OK
1009108 IMPLEX VALVE MOTORIZED Ø315 24-240V	6 bar – OK // 9 bar – OK

7- PERFORMANCE

NAME	SIZE	NP (bar)
U-PVC BUTTERFLY VALVES	63 to 160	10
	200 to 315	6
PP-RCT BUTTERFLY VALVES	355	7
	400	6

Water at 20°C.

8- PACKAGING

All products are packaged in boxes and other elements in order to avoid any damage during transportation and from ultraviolet rays.

Juan Manuel Uribe

Development Manager

