

NETWELL
SISTEMAS S.L.

Hidroten®

Sistemas y Tecnología del agua / Water System Technology

Implex butterfly valve

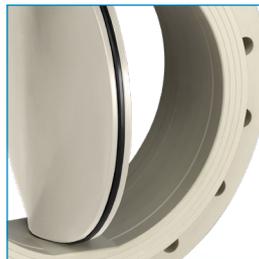


www.hidroten.es
export@hidroten.es
tecnico@hidroten.es

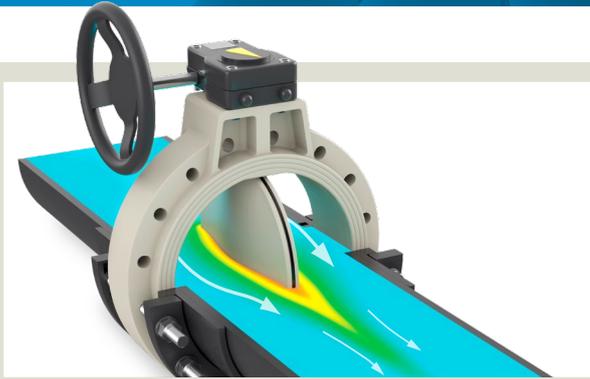
PN 6
Ø400



BUTTERFLY VALVES



Hidroten has on its wide range of **butterfly valves** the **Ø400** measure, being the only national producer. It is a valve made of PPR with WRAS certification, with AISI 420 stainless steel and totally machined to offer the maximum warranty of performance. The performance will be always smooth due to the hand wheel reducer and our built in **gasket system**, that provides a lower and stable torque than other systems.



■ The butterfly valve in $\varnothing 400$ mm has been designed for the **maximum reduction flow turbulences** when passing through the valve. For that reason we have chosen an **elliptic section** and a **totally smooth surface**.

This configuration allows a very **low loss of pressure** having important **saving in pumping** and **avoiding cavitation**, increasing the installation lifetime and its security.

- Actuators direct assembly.
- Perimetral reinforcement.
- PN 6 in $\varnothing 400$.
- Elliptic butterfly with hydrodynamic optimized design for avoiding cavitation and minimize the head loss.
- Built in gasket.



Hand wheel reducer

EPDM or VITON o-ring

PPR valve body

AISI 420 Inox shaft

Hole for bolt tightening

EPDM WRAS or VITON seal

PPR butterfly

NYLON shaft guide bush

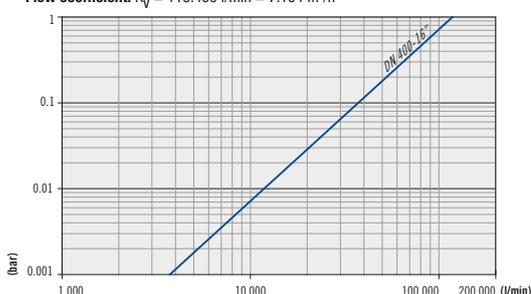
PP bottom cap

Materials

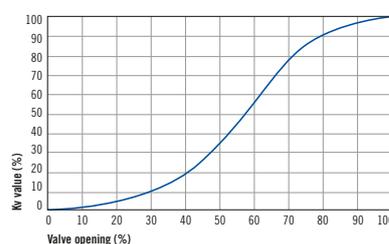
- EPDM (Ethylene-propylene-diene terpolymers)
- PP (Polypropylene)
- VITON (Fluorinated rubber)
- PPR (Polypropylene random)
- INOX (Acero inoxidable AISI 420)

LOAD LOSS CURVES

Flow coefficient. $K_v = 118.400 \text{ l/min} = 7.104 \text{ m}^3/\text{h}$



FLOW CHART



PRESSURE-TEMPERATURE CHART

