

hidroten®

Sistemas y Tecnología del agua / Water System Technology



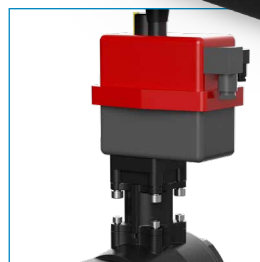
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02 1/2" - 3"
 ▶ PN10

New

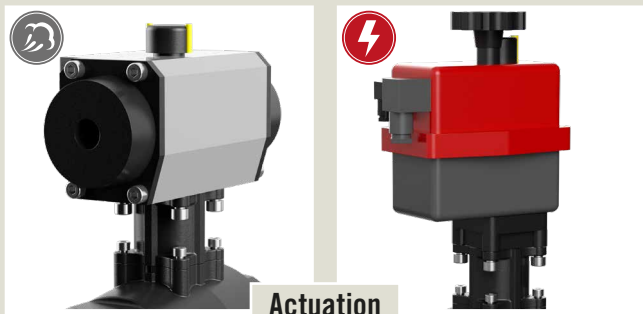
ÚNICO ^{um}
 en el mercado

“Compact” Ball valve



“COMPACT” BALL VALVE

Hidroten widens its range of **“Compact” ball valves** at the f/t outlet with the sizes **2 1/2” and 3”**. Compared to the rest of the range, it incorporates a newly designed **double handle with trigger**. The body design allows the **installation of both electric or pneumatic actuators**.



Actuation

■ "Compact" ball valves are an important innovation within our ball valves, constituting a new concept in design, materials and features.

The "Compact" valve offers an **alternative to metal threaded valves**, improving their **frost resistance**, higher chemical resistance and being a **guarantee anti-theft**.



- Double handle with trigger.
- Made of GFPP.
- Easy installation of electric and pneumatic actuators.
- Anti-theft dissuasive product.
- PN10.



"Compact" valves have been subjected to resistance tests at extremely low temperatures, surpassing with totally satisfactory results exposures to **-18°C**, thanks to their design and materials.

GFPP handle "Compact"

Closing seal port teflon
EPDM

PTFE ball closing

GFPP f/t port teflon
"Compact"

PP trigger

GFPP crown

EPDM o-ring

GFPP piston rod

GFPP ball

GFPP body f/t "Compact"

Materials

PP (Polypropylene)

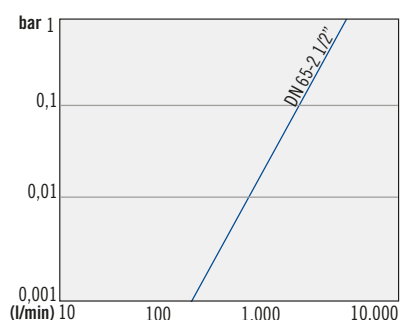
PTFE (Polytetrafluoroethylene)

GRPP (Glassreinforced polypropylene)

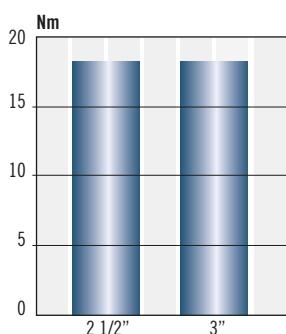
EPDM (Ethylene-propylene-diene terpolymers)

"Compact" valve sectioned f/t 3"

LOAD LOSS CURVES



OPERATING TORQUES



METAL VALVE COMPARISON



Metallic valve

3.900 g



"Compact" valve

1.615 g

