

DAUPHIN

CHECK VALVE

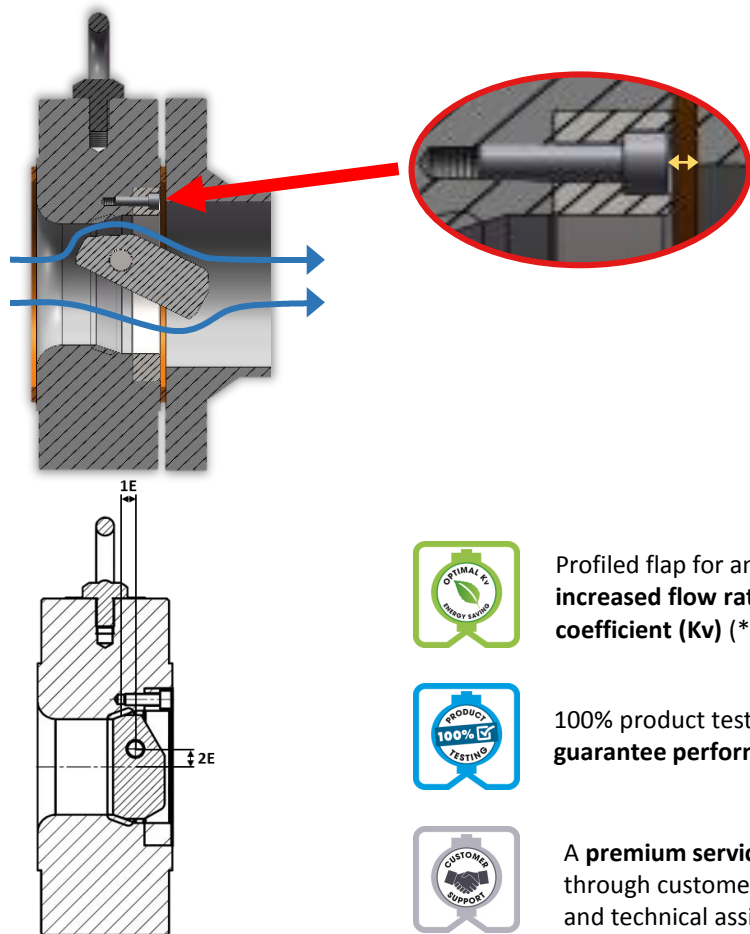
DAUPHIN

CHECK VALVE

SERIES DAUPHIN check valves are designed with robustness in mind. The double offset technology is particularly popular in the Oil & Gas industry and energy sector, especially for high-pulsed and turbulent regimes.

TECHNOLOGY

- ✓ Easy to handle and assemble
- ✓ No internal parts that can get into piping
- ✓ Bolts protected by full body
- ✓ Damped opening and closure
- ✓ Metal / metal seal
- ✓ No external leaks thanks to the one-piece RETAINERLESS enclosure
- ✓ Compact size
- ✓ Lightweight



Profiled flap for an increased flow rate coefficient (Kv) (*)



100% product testing to guarantee performance



A premium service through customer liaison and technical assistance

PERFORMANCE



The maximum pressures and temperatures depend on the pressure/temperature relationship and type of fluid.

	Body	Flap	Sealing surface
Material	- A350 LF2 / A105 / P295 GH - A240 316 / 316L - A240 304 / 304L - C95800 / C63200	- A350 LF2 / A105 / P295 GH - A240 316 / 316L - A240 304 / 304L - C95800 / C63200	- Without overlay - Stellite® Gr. 6 - Stellite® Gr. 21 - STAINLESS STEEL 316L

Design

- Designed in accordance with standard API 594
- Sizing to customer specifications
- Standard BURACCO face-to-face, API594, ASME B16.10...
- ANSI/NACE MR0175 / ISO 15156

Seal

- In accordance with standard API 598
- Trim 5 / Trim 5A / Trim 10 / Trim 12 / ...

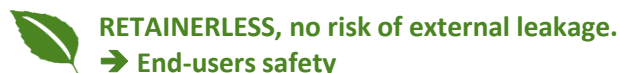
Approvals

- Fire safe in accordance with standard :
- ISO 10497
 - BS 6755
 - API 6FA

DESIGN

During closure, due to the disc axis eccentricity, the fluid itself provides natural damping. The non-return function is **self-damped, limiting and reducing water hammering**, and the **seal is ensured**.

Upon opening, **the disc is stabilized** by the fluid passing over it and **prevents contact** with the pipework.



OPTIONS

- *Specific coatings*
- *Non-destructive testing*
- *Order conformity certificate / material certificate / pressure test certificate in accordance with standard EN 10204 types 2.1, 2.2, 3.1 and 3.2.*
- *Qualifications / Réceptions clients / ...*



API Monogram
(disponible sur demande)

DAUPHIN	
DAMPED CLOSURE	✓
HIGH-PULSED REGIMES	✓
TURBULENT REGIMES	✓
HIGH SPEED FLOW	✓
SEAL	✓
WIDE TEMPERATURE RANGE	✓
WIDE PRESSURE RANGE	✓
ONE-PIECE RETAINERLESS BODY	✓
COMPACT SIZE	✓
LIGHTWEIGHT	✓
NON-DESTRUCTIVE TESTING	✓
100% MADE IN FRANCE	✓

SERVICES

In order to meet your requirements in a timely fashion, our different departments and services work in close collaboration with our suppliers. We provide **premium service** through **customer support** and **technical assistance**.



Technical support

Research & Development

Customized solutions



Quality & Inspection

Continuous improvement

Logistics & Deliveries

Wide-open

SERIES DAUPHIN, our high performance solutions:



DAUPHIN-DA

CHECK VALVE
Offset and Oscillating



DAUPHIN-DE

CHECK VALVE
Severe conditions