



FIRE SAFE

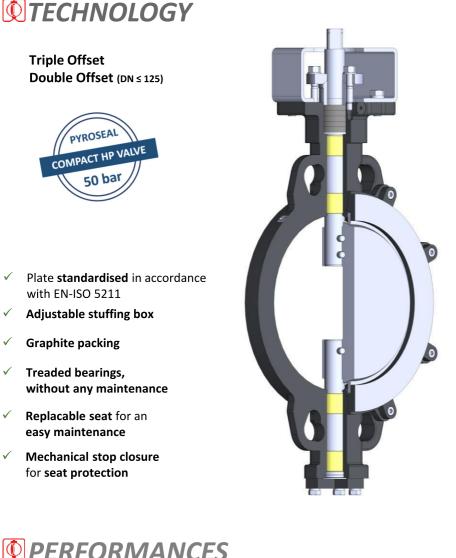
Designed to withstand fire, PYRO-TECH has been tested and certified according fire test standards. The Pyroseal seat guarantees in-line tightness when subjected to extreme temperature rises.

♥TECHNOLOGY

Triple Offset Double Offset (DN ≤ 125)



- Plate standardised in accordance with EN-ISO 5211
- Adjustable stuffing box
- **Graphite packing**
- Treaded bearings, without any maintenance
- Replacable seat for an easy maintenance
- Mechanical stop closure for seat protection





Profiled disc for an increased flow rate coefficient (*)



100% product testing to to guarantee performance

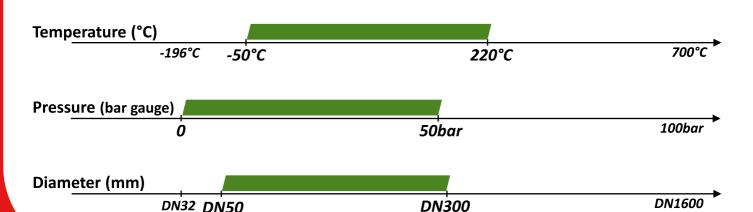


A premium service through customer liaison and technical assistance

(*) Depending on operating conditions, important annual energy savings







OCCUPATION

Body	Carbon Steel		Stainless Steel	
Seat	R-PTFE + Inconel (DN 50 to 125) – R-PTFE + Stainless Steel 1.4843 (DN150 to 300)			
Disc	SS A351 CF8M (DN50 to 125) — SS X21Cr13 (DN150 to 300)		Stainless Steel A351 CF8M	
Packing	Graphite		Graphite	
Body type	Wafer	Lug	Wafer	Lug
Operation type	Aluminium hand lever, manual gear box, pneumatic and electric actuator			

Design

- Designed in accordance with standard EN 593
- Face to face in accordance with standard EN 558+A1 base 20
- Flange faces machining in accordance with standard EN 1092-1

In accordance with standard EN 12266-1 Rate A

Approval

- PED 2014/68/UE
- Fire safe BS6755 part 2

Main options

- ATEX construction
- Stem and pivot 1.4462 (U45N)
- RF or FF, male, female, tongue, groove flanges machining
- Emissions fugitives ISO 15848-1 class A
- Assembly without grease or with special oxygen grease
- Relief valve on the disc
- PTFE packing
- Order conformity certificate / material certificate / pressure test report in accordance EN10204 types 2.1, 2.2, 3.1 et 3.2









operation



© CHARACTERISTICS

Components	Material	Description	Benefit
Body	A216 WCB	Excellent mechanical strength and corrosion resistant primary coating.	Increased safety for personnel and equipment
	A351 CF8M	Excellent corrosion resistance and low temperature resistance. This stainless steel grade permits food industry applications.	
Seat	R-PTFE + Inconel 718 R-PTFE + SS 1.4843	These materials offer excellent corrosion resistance and at high temperatures. They also allow to meet fire safe standard requirements.	Durable performance Fire safe
Disc	A351 CF8M X21Cr13	These stainless steel grades have strong resistance to corrosion and extreme temperatures. CF8M is suited to food applications.	Large application range
Stem and Pivot	1.4021 / 1.4028 (Stainless Steel 13% Cr) 1.4542 (17-4-PH)	Stems and pivots benefit from the excellent mechanical and corrosion resistance of these grades of stainless steels.	Lasting integrity of the shaft line
Packing	GRAPHITE	This mineral material ensures perfect tightness .	Durable tightness
Bearings	THERMOPLASTIC COMPOSITE	Corrosion resistance and high operating cycles with zero maintenance.	Torque stability

