

THERMAL LOOP.

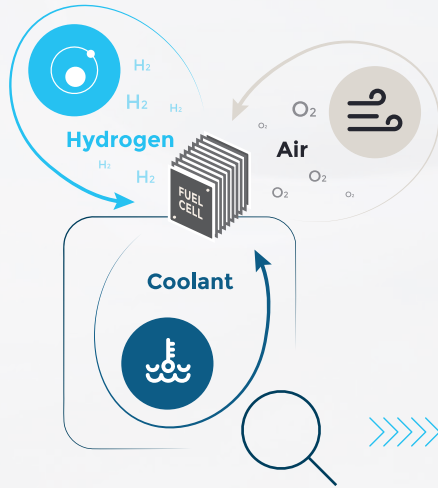
Robustness
To last 35 000 hours

High versatility

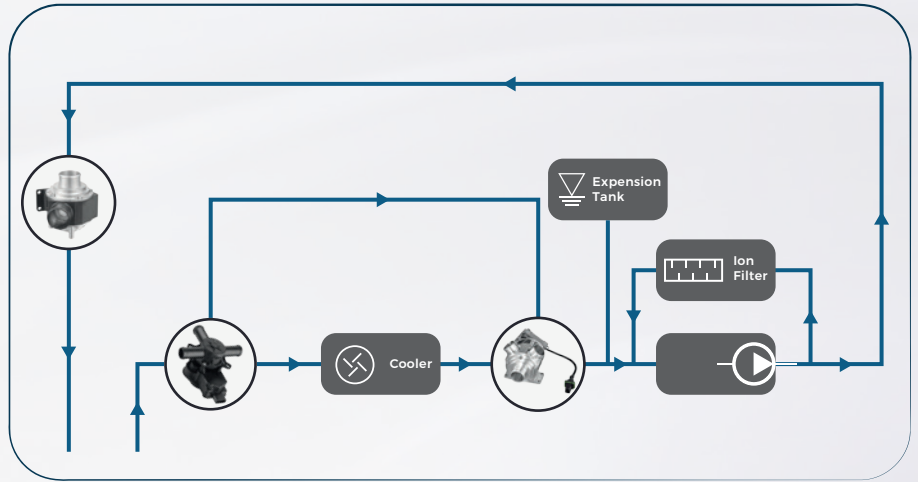
Low backpressure

BONTAZ

FUEL CELL



Heat management loop



Fuel cell power

450 kW

5 range levels
Thermal loop



Small range	Medium range	Large range		
-------------	--------------	-------------	--	--

Products
Patented design



Part numbers

154950

303158

303308

303508

303708

Flow rate

<30 L/min

<150 L/min

<300 L/min

<500 L/min

<700 L/min

Hose diameter

Ø16 mm

Ø34 mm

Ø40 mm

Ø50 mm

Ø60 mm

Pressure drop (Δ P)

<300 mbar

<300 mbar

90 mbar
@300L/min

120 mbar
@400L/min

250 mbar
@600L/min

Communication

PWM

CAN 2B/FD
(SAE J1939)

CAN 2B/FD
(SAE J1939)

CAN 2B/FD
(SAE J1939)

CAN 2B/FD
(SAE J1939)

Fail Safe (optional)

No

Mechanical

Mechanical

Mechanical

Mechanical

Options

Type of valve

Available in 2/2 and 3/2 proportional

Voltage range

From 12V to 24V



All types of vehicles and applications

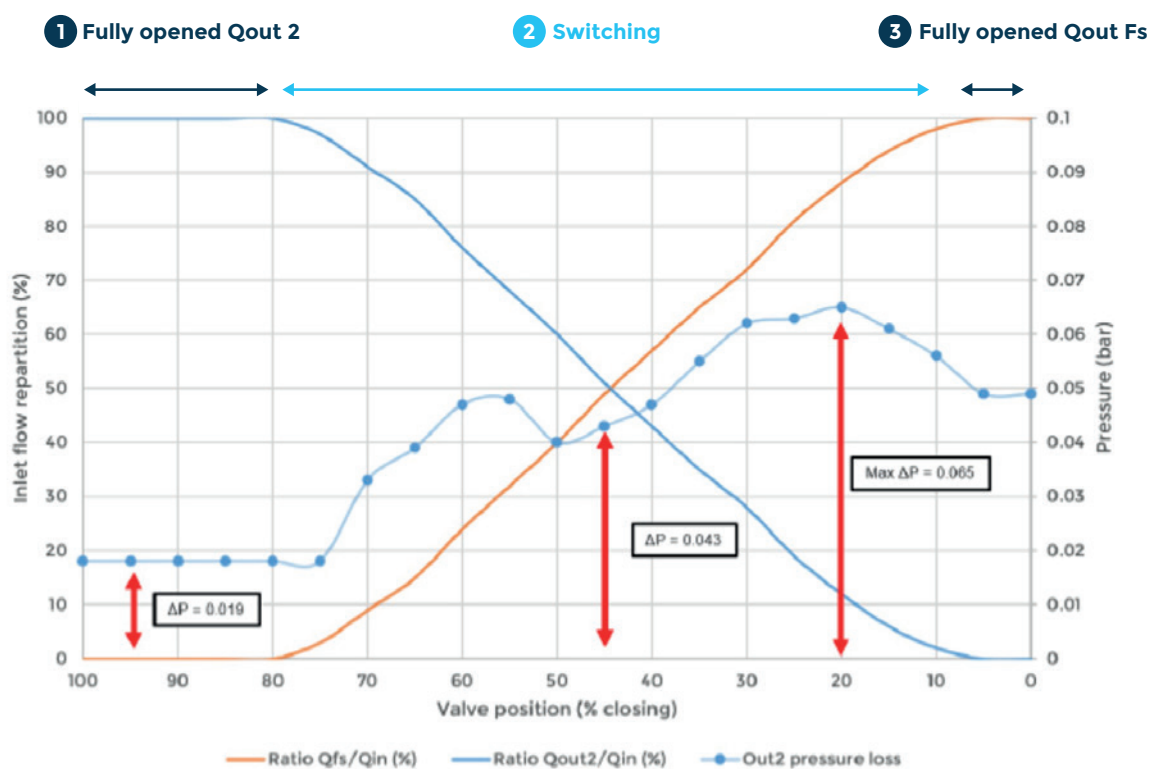
Technical data is subject to change. Designed in France. 06|2023

BONTAZ

LIGHT-MOBILITY - INTERNAL COMBUSTION ENGINE - BATTERY ELECTRIC VEHICLE - FUEL CELL - TRUCK & OFF-ROAD

Graphic datas

Coolant Valve: 500-700L/min



Pressure drop of 200 mbar at 550 lpm