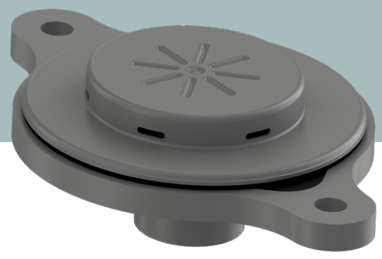
EvoLift® Pro BATTERY VENTING SYSTEM WITH VALVE CIRCUIT

„Solution for better equalization“



FIELDS OF APPLICATIONS

- Battery systems
- Battery modules
- BEV‘s
- Hybrids and energy storage systems

Vent Type	Reversible version with valve circuit
Housing material	Aluminum / PP GF25 FR / PTFE / TPE / stainless steel
Dimension	92 x 60 x 23
Installation space **• Connection** **• Connection dimensions** **• Hole**	 Screw: 2x M5 77 mm Ø 45 mm
Opening pressure (adjustable) **• Ventilation** **• Venting** **• Emergency venting**	 ≤ -30 mbar ≥ 15 mbar ≥ 80 mbar
Air flow **• No venting or ventilation** **• DAE – ventilation** **• DAE – venting** **• Emergency venting**	 Between -30 mbar and +15 mbar (adjustable) ≥ 400 ml/min @ -50 mbar ≥ 600 ml/min @ 50 mbar ≥ 50 l/s @ 130 mbar
Leakage	≤ 1 ml/min @ -10 mbar ≤ p ≤ +5 mbar
Water resistance	≥ 30 min @ 250 mbar
IP-Protection class	IP68, IPX9K
Flame resistant	UL94 V0
Temperature	-40 °C to +80 °C

A summary of the benefits

- Variable connection from outside with relatively low installation effort
- Testable in the EOL (End of Line) test
- Reduction of humidity in the battery pack as the membrane does not permanently equalize pressure