





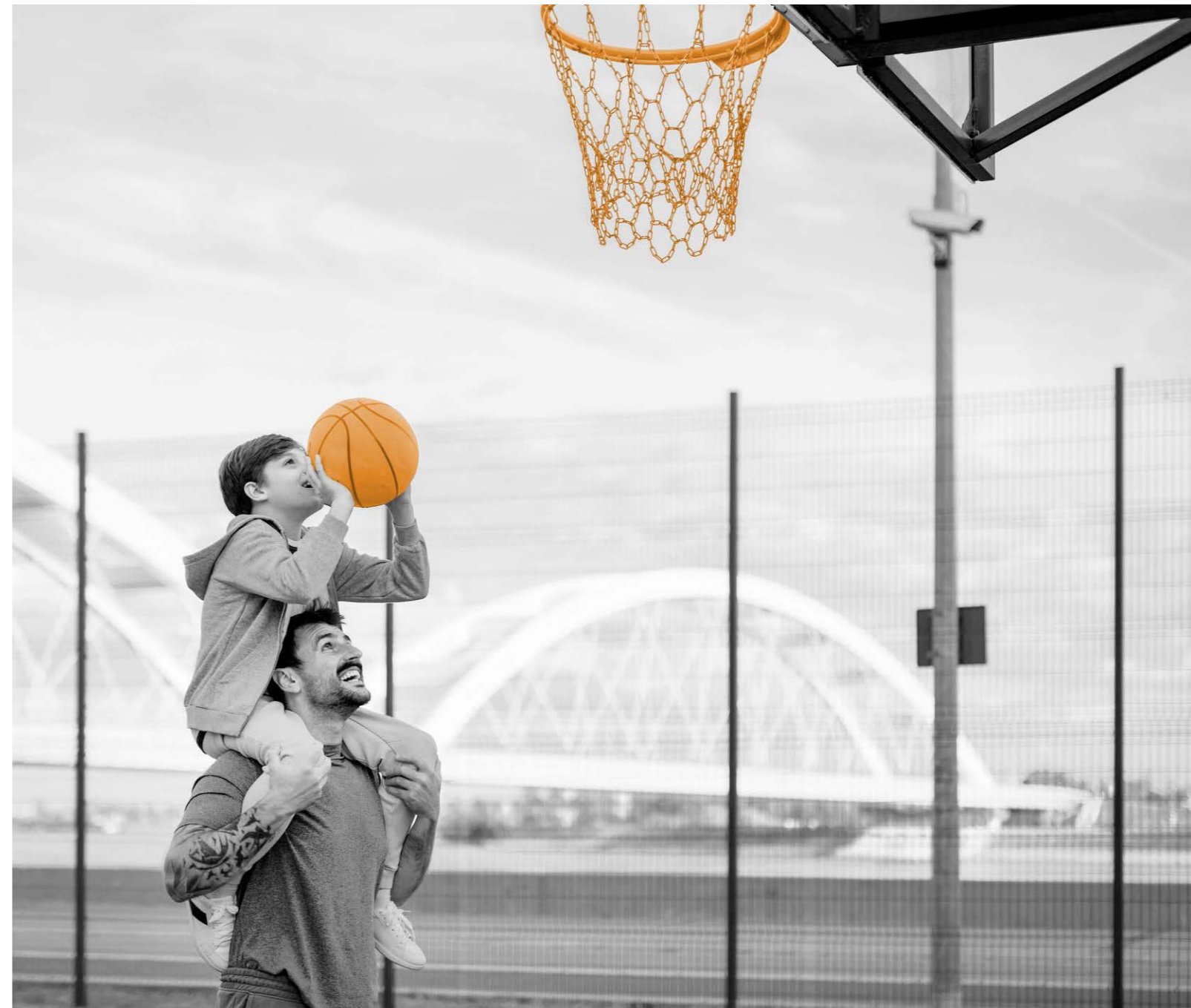
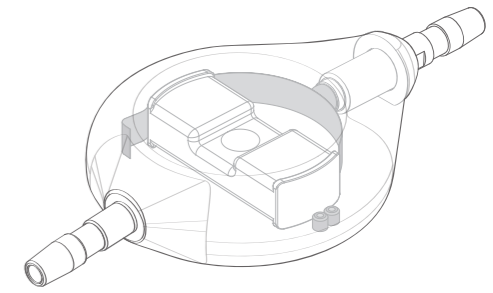


	Reference	Designation
Valve only		
	SM1-L	Sophy® Mini Monopressure valve, Low Pressure Fixed pressure valve, 50 mmH ₂ O
	SM1-M	Sophy® Mini Monopressure Valve, Medium Pressure Fixed pressure valve, 110 mmH ₂ O
	SM1-H	Sophy® Mini Monopressure Valve, High Pressure Fixed pressure valve, 170 mmH ₂ O
Valve with antechamber		
	SM1A-L	Sophy® Mini Monopressure valve, Low Pressure, Antechamber Fixed pressure valve, 50 mmH ₂ O
	SM1A-M	Sophy® Mini Monopressure valve, Medium Pressure, Antechamber Fixed pressure valve, 110 mmH ₂ O.
	SM1A-H	Sophy® Mini Monopressure valve, High Pressure, Antechamber Fixed pressure valve, 170 mmH ₂ O.
Valve with burr-hole reservoir		
	SM1B-L	Sophy® Mini Monopressure valve, Low Pressure, Burr hole reservoir Fixed pressure valve, 50 mmH ₂ O.
	SM1B-M	Sophy® Mini Monopressure valve, Medium Pressure, Burr hole reservoir Fixed pressure valve, 110 mmH ₂ O.
	SM1B-H	Sophy® Mini Monopressure valve, High Pressure, Burrhole reservoir Fixed pressure valve, 170 mmH ₂ O.
Complete valve kits Sophy® Mini SM1 valve kits include a separated ventricular catheter and a preconnected distal catheter		
	SM1-2010L	SM1-2010L Sophy® Mini Monopressure Complete Kit Low Pressure Valve Kit B905S/BO19-10
	SM1-2010M	SM1-2010M Sophy® Mini Monopressure Complete Kit Medium Pressure Valve Kit B905S/BO19-10
	SM1-2010H	SM1-2010H Sophy® Mini Monopressure Complete Kit High Pressure Valve Kit B905S/BO19-10
	SM1A-2010L	SM1A-2010L Sophy® Mini Monopressure Complete Kit Low Pressure with antechamber Valve Kit B905S/BO19-10
	SM1A-2010M	SM1A-2010M Sophy® Mini Monopressure Complete Kit Medium Pressure with antechamber Valve Kit B905S/BO19-10
	SM1A-2010H	SM1A-2010H Sophy® Mini Monopressure Complete Kit High Pressure with antechamber Valve Kit B905S/BO19-10
SiphonX®, anti-siphon device (+ 200 mmH ₂ O in vertical position)		
	SX-200	Gravitational anti-siphon device SiphonX®

DC-SM1(EN)Rev004_05/2026. The valve is intended for the treatment of hydrocephalus by shunting the Cerebrospinal Fluid (CSF) to the abdominal cavity or right atrium of the heart. For more information, please refer to the instructions for use. Sophy® Mini monopressure valve: classe III - CE 0459. Sophy® Mini monopressure valve is a registered trademark of Sophysa. For the exclusive use of healthcare professionals. Non-contractual visuals. All rights reserved. © Sophysa

Sophy® Mini SM1

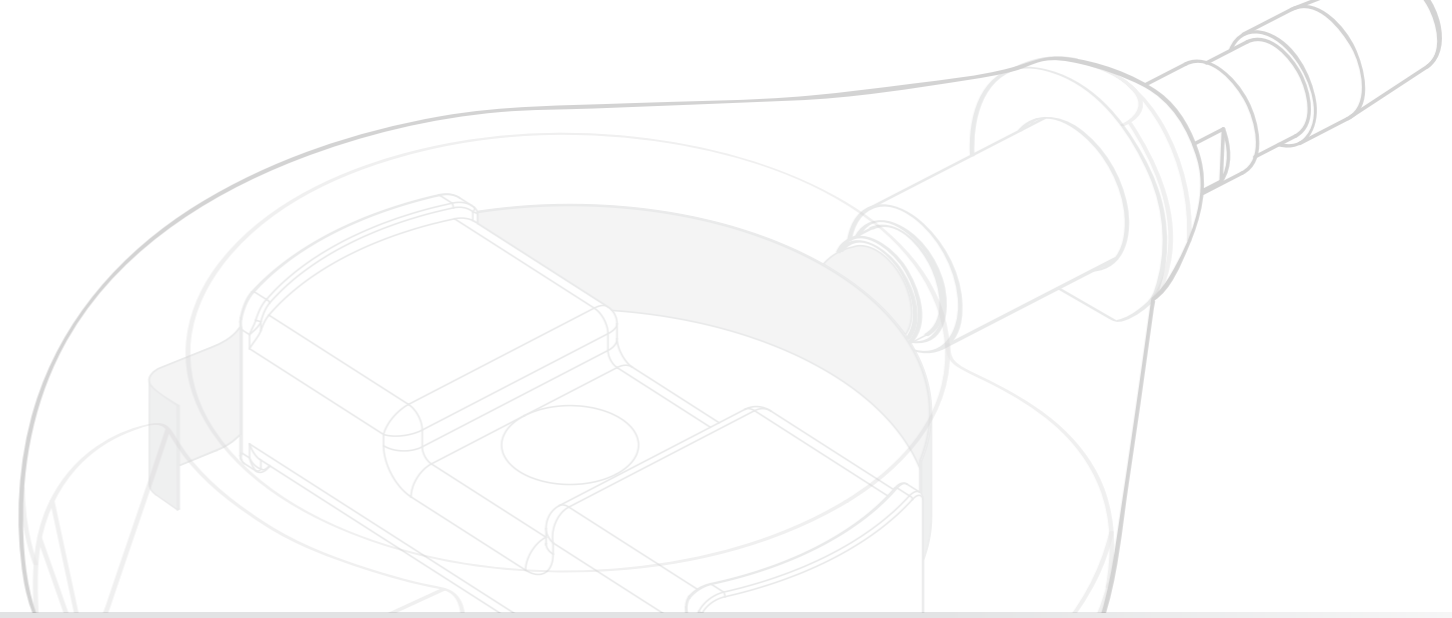
The Sophy® Mini monopressure valve



Distribution:

Sophy® Mini SM1 Valve

Designed as a fixed-pressure solution, the Sophy® Mini Monopressure Valve (SM1) complements the Polaris® adjustable valve range. The SM1 is a low-profile, high-precision ball-in-cone valve, offering stable and predictable pressure performance. It features the same compact design, water-drop shape and proven materials as Sophysa adjustable valves.

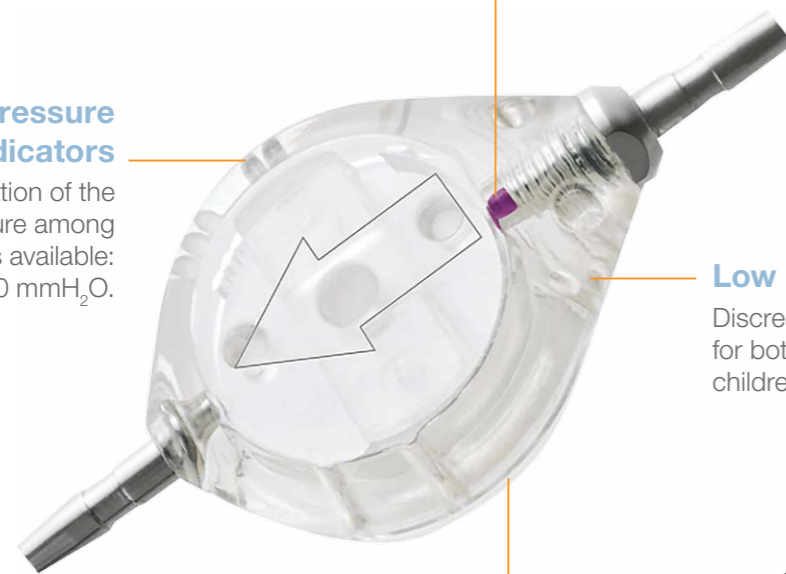


Ball-in-cone mechanism

Exceptional precision and proven reliability.

Operating pressure indicators

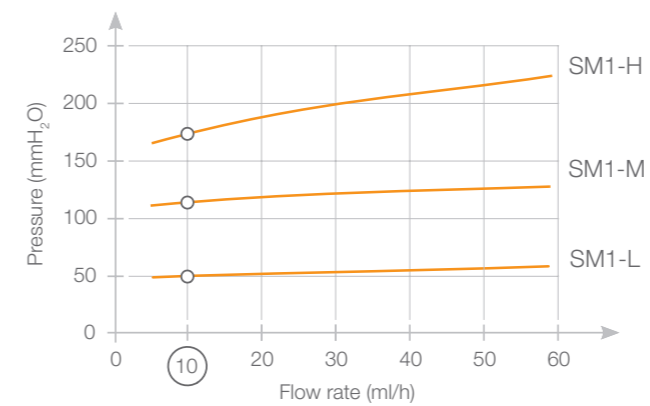
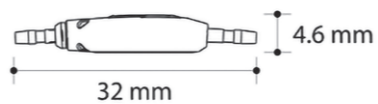
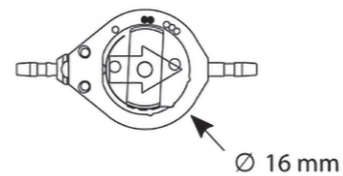
X-ray identification of the operating pressure among the 3 pressures available: 50, 110 and 170 mmH₂O.



Low profile valve

Discreet and comfortable for both adults and children.

Polysulfone transparent body



Three operating pressures are available:

- Low = 50 mmH₂O
- Medium = 110 mmH₂O
- High = 170 mmH₂O

Direct x-ray identification of the operating pressure is possible thanks to radiopaque dots on the valve.

Valve	SM1 - L	SM1 - M	SM1 - H
Identification of the operating pressure	1 dot •	2 dots ••	3 dots •••
X-ray identification of the operating pressure			
mmH ₂ O	50	110	170

The Sophy® Mini SM1 can be associated with SiphonX®, an anti-siphon device, which adds 200 mmH₂O in vertical position.