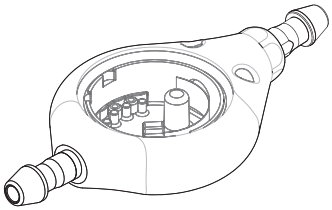
Sophy® Microvalve

Low-profile design for a discreet fit





SOPHYSA
At the heart of the **brain**

Sophy® Microvalve SMV

SMV is specially designed for pediatric patients and adults with fragile skin. With a simple yet robust mechanism, this valve ensures consistent performance. Thanks to its atraumatic design and ultra-low profile, it offers excellent comfort, high discretion and easily integrates into patient's daily lives.

Extreme low profile valve

Discreet and comfortable for both children and adults. Thickness of only 4.2 mm

Atraumatic design

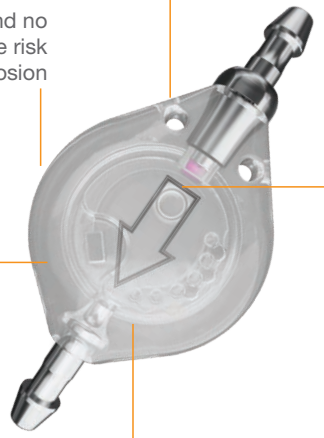
Rounded shape and no edges to reduce the risk of skin erosion

Ball-in-cone mechanism

Exceptional precision and proven reliability

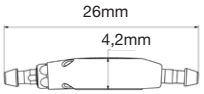
Polysulfone transparent body

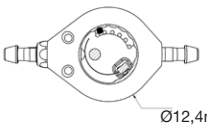
Direct visualization of the operating pressure before implantation



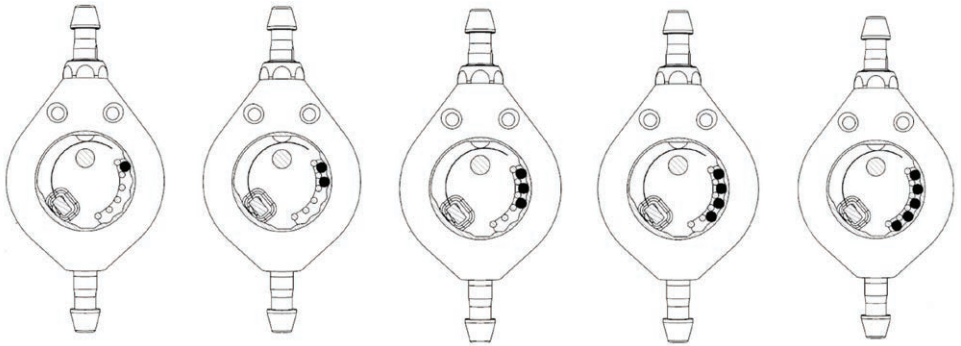
Operating pressure indicators

X-ray identification of the operating pressure among the 5 pressures available: 30, 70, 110, 150 and 200 mmH_2O





SMV is 26 mm x 4.2 mm
The lowest profile in Sophysa's pediatric range 1:1



1 marker
30 mmH_2O
(Coming soon)

2 markers
70 mmH_2O

3 markers
110 mmH_2O

4 markers
150 mmH_2O

5 markers
200 mmH_2O

The Sophy® Microvalve can be associated with SiphonX®, an anti-siphon device, which adds 200 mmH_2O in vertical position.

Reference	Designation
Valve only	
SMV-030	Sophy® Microvalve, 30 mmH_2O *(Coming soon)*
SMV-070	Sophy® Microvalve, 70 mmH_2O
SMV-110	Sophy® Microvalve, 110 mmH_2O
SMV-150	Sophy® Microvalve, 150 mmH_2O
SMV-200	Sophy® Microvalve, 200 mmH_2O
Valve with antechamber	
SMVA-030	Sophy® Microvalve, 30 mmH_2O, Antechamber *(Coming soon)*
SMVA-070	Sophy® Microvalve, 70 mmH_2O, Antechamber
SMVA-110	Sophy® Microvalve, 110 mmH_2O, Antechamber
SMVA-150	Sophy® Microvalve, 150 mmH_2O, Antechamber
SMVA-200	Sophy® Microvalve, 200 mmH_2O, Antechamber
Valve with burr-hole reservoir	
SMVB-030	Sophy® Microvalve, 30 mmH_2O, Burr-Hole Reservoir *(Coming soon)*
SMVB-070	Sophy® Microvalve, 70 mmH_2O, Burr-Hole Reservoir
SMVB-110	Sophy® Microvalve, 110 mmH_2O, Burr-Hole Reservoir
SMVB-150	Sophy® Microvalve, 150 mmH_2O, Burr-Hole Reservoir
SMVB-200	Sophy® Microvalve, 200 mmH_2O, Burr-Hole Reservoir
SiphonX®, anti-siphon device (+ 200 mmH2O in vertical position)	
SX-200	Gravitational anti-siphon device SiphonX®
Complete valve kits Sophy® Microvalve kits include a separated ventricular catheter and a preconnected distal catheter	
SMV-030-2010	Sophy® Microvalve Kit, 30 mmH_2O, preattached with BO19-10 *(Coming soon)*
SMV-070-2010	Sophy® Microvalve Kit, 70 mmH_2O, preattached with BO19-10
SMV-110-2010	Sophy® Microvalve Kit, 110 mmH_2O, preattached with BO19-10
SMV-150-2010	Sophy® Microvalve Kit, 150 mmH_2O, preattached with BO19-10
SMV-200-2010	Sophy® Microvalve Kit, 200 mmH_2O, preattached with BO19-10
SMVA-030-2010	Sophy® Microvalve Kit, 30 mmH_2O, preattached with BO19-10 and Antechamber *(Coming soon)*
SMVA-070-2010	Sophy® Microvalve Kit, 70 mmH_2O, preattached with BO19-10 and Antechamber
SMVA-110-2010	Sophy® Microvalve Kit, 110 mmH_2O, preattached with BO19-10 and Antechamber
SMVA-150-2010	Sophy® Microvalve Kit, 150 mmH_2O, preattached with BO19-10 and Antechamber
SMVA-200-2010	Sophy® Microvalve Kit, 200 mmH_2O, preattached with BO19-10 and Antechamber
SMVB-030-2010	Sophy® Microvalve Kit, 30 mmH_2O, preattached with BO19-10 and Burr-Hole Reservoir *(Coming soon)*
SMVB-070-2010	Sophy® Microvalve Kit, 70 mmH_2O, preattached with BO19-10 and Burr-Hole Reservoir
SMVB-110-2010	Sophy® Microvalve Kit, 110 mmH_2O, preattached with BO19-10 and Burr-Hole Reservoir
SMVB-150-2010	Sophy® Microvalve Kit, 150 mmH_2O, preattached with BO19-10 and Burr-Hole Reservoir
SMVB-200-2010	Sophy® Microvalve Kit, 200 mmH_2O, preattached with BO19-10 and Burr-Hole Reservoir
Complete pediatric valve kits Sophy® Microvalve kits include a pre-attached straight ventricular catheter for pediatric use	
SMV-030-2050	Sophy® Microvalve Kit, 30 mmH_2O, preattached with BO15 *(Coming soon)*
SMV-070-2050	Sophy® Microvalve Kit, 70 mmH_2O, preattached with BO15
SMV-110-2050	Sophy® Microvalve Kit, 110 mmH_2O, preattached with BO15
SMV-150-2050	Sophy® Microvalve Kit, 150 mmH_2O, preattached with BO15
SMV-200-2050	Sophy® Microvalve Kit, 200 mmH_2O, preattached with BO15

DCBr-SMV-01(EN)Rev001 11/2026. The Sophy® Microvalve is intended to shunt the Cerebrospinal Fluid (CSF) from the ventricular system or subarachnoid spaces to the peritoneal cavity (VPS) or the right atrium of the heart where it will be reabsorbed in the blood flow. For more information, please refer to the instructions for use. Sophy® Microvalve: class III - CE 0459. Sophy® Microvalve is a registered trademark of Sophysa. For the exclusive use of healthcare professionals. Non-contractual visuals. All rights reserved. ©Sophysa.

Distribution:

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