

No.:		Article category
55.34		Check Valve V2000 High-Flow
Revision:	03	
Technical Property <sup>1)</sup>		Parameter <sup>2)</sup>
Opening pressure (after fabrication):		≤ 20 mbar
Opening pressure (when first used):		≤ 20 mbar
Opening pressure (after closure of the check valve):		≤ 20 mbar
Counterflow pressure resistance:		1 bar
Pressure resistance in flow direction:		1 bar
Blocking performance (leakage rate):		≤ 0.5 ml/h at a retrograde flow rate of 1 ml/h
Volumetric flow rate with 0.9% saline solution:		≥ 1000 ml/min at a pressure of 100 mbar ≥ 3000 ml/min at a pressure of 1 bar
Volumetric flow rate with glucose 40:		n/a
Position sensitivity:		independent of position
Stand-by position:		closed
Priming volume:		on request (depends on the configuration of the connectors)
Priming:		airbubbles completely removable
Sterilization compatibility <sup>3)</sup> :		ETO-Gas, Electron Beam Irradiation and Gamma Irradiation up to 50 kGy (cumulative)

**Remarks:**

LOGICA does not regularly provide biocompatibility testing data of its products. The distributor is solely responsible for procuring any required biocompatibility testing data.

- 1) LOGICA products are approved for single use. Multiple use may affect their technical properties adversely! LOGICA recommends validating the suitability for use of the selected parts in their specific application.
- 2) Specifications are for non-sterile products.
- 3) Sterilization of LOGICA products with sterilization methods which are not stated in this specification may affect their technical properties adversely!

	Prepared	Approved
Date:	18/08/2021	18/08/2021
Signature:		