

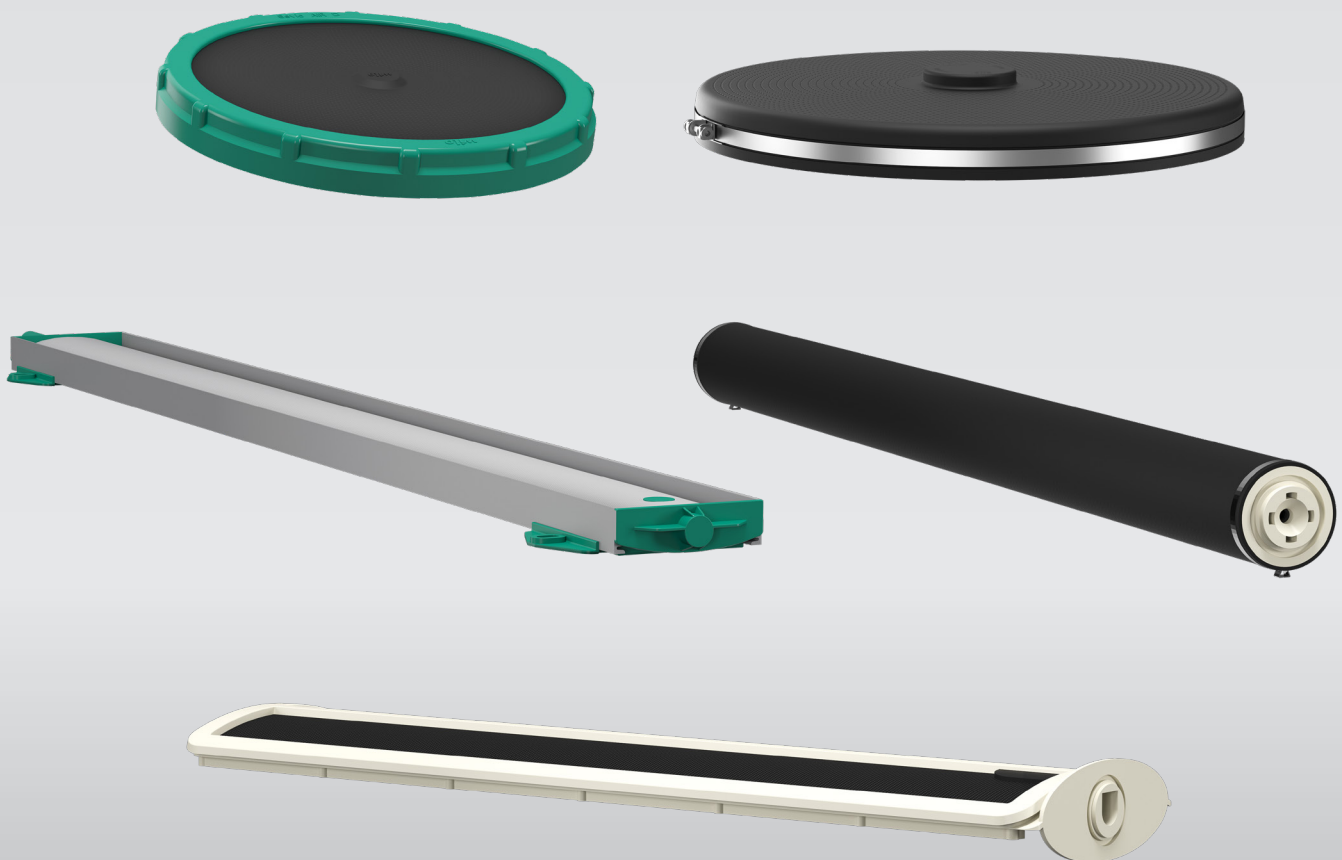
Pioneering for You




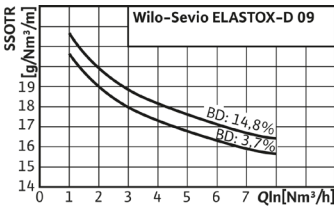
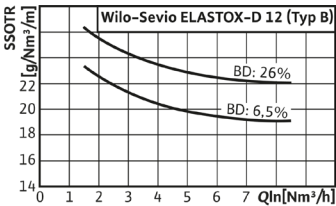
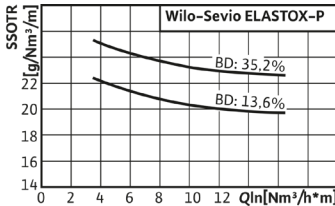
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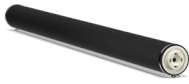
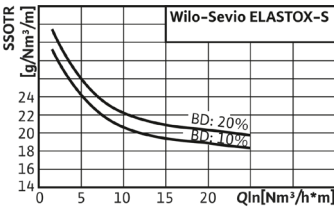
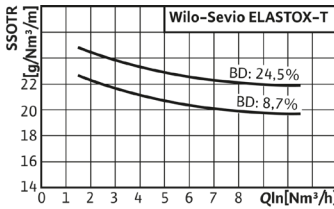
*Product overview*

# Wilo-Sevio ELASTOX

Membrane diffuser



Series	Wilo-Sevio ELASTOX-D 09	Wilo-Sevio ELASTOX-D 12	Wilo-Sevio ELASTOX-P 21
Product photo			
Construction	Aeration system consisting of disc dif-fuser and pipe system to distribute the pressure.	Aeration system consisting of disc dif-fuser and pipe system to distribute the pressure.	Aeration system consisting of plate dif-fuser and pipe system to distribute the pressure.
Application	For fine bubble air intake in various fluids such as drainage, sewage or sludge	For fine bubble air intake in various fluids such as drainage, sewage or sludge	For fine bubble air intake in various fluids such as drainage, sewage or sludge
Duty chart			
Technical data	<ul style="list-style-type: none"> <li>→ Perforation area: 370 cm<sup>2</sup></li> <li>→ Air load: 1.5 ... 10 Nm<sup>3</sup>/h</li> <li>→ Temperature, air intake: 5 ... 100 °C</li> <li>→ Fluid temperature: 5 ... 35 °C</li> </ul>	<ul style="list-style-type: none"> <li>→ Perforation area: 650 cm<sup>2</sup></li> <li>→ Air load: 1 ... 12 Nm<sup>3</sup>/h</li> <li>→ Temperature, air intake: 5 ... 80 °C (up to 120 °C on request)</li> <li>→ Fluid temperature: 5 ... 35 °C</li> </ul>	<ul style="list-style-type: none"> <li>→ Perforation area: 1200 cm<sup>2</sup></li> <li>→ Air load: 4 ... 15 Nm<sup>3</sup>/h*m</li> <li>→ Temperature, air intake: 5 ... 80 °C (up to 120 °C on request)</li> <li>→ Fluid temperature: 5 ... 35 °C</li> </ul>
Special features	<ul style="list-style-type: none"> <li>→ High system efficiency owing to high aeration capacity</li> <li>→ High level of flexibility thanks to the broad control range of the air intake</li> <li>→ Greatest-possible activation density across a large variety of basin geometries</li> <li>→ Long service life thanks to the use of different diaphragm materials</li> </ul>	<ul style="list-style-type: none"> <li>→ The specialised construction prevents the medium from entering the pipe system</li> <li>→ Optimal air intake thanks to three different perforation patterns</li> <li>→ Greatest-possible activation density across a large variety of basin geometries</li> <li>→ Air intake with a very broad control range</li> </ul>	<ul style="list-style-type: none"> <li>→ Increased operational reliability thanks to lift restriction of the diaphragm</li> <li>→ Greater air intake resulting from the high specific airflow rate</li> <li>→ Low specific piping requirements thanks to paired installation</li> <li>→ High quality and service life of the diaphragms owing to the production of moulded products</li> </ul>
Equipment/function	<ul style="list-style-type: none"> <li>→ Downspout connection</li> <li>→ Distribution line</li> <li>→ Diffuser line</li> <li>→ Drainage pipe connection</li> <li>→ Membrane diffuser</li> <li>→ Fastening for pipe system</li> <li>→ Consulting documents</li> </ul>	<ul style="list-style-type: none"> <li>→ Downspout connection</li> <li>→ Distribution line</li> <li>→ Diffuser line</li> <li>→ Drainage pipe connection</li> <li>→ Membrane diffuser</li> <li>→ Fastening for pipe system</li> <li>→ Consulting documents</li> </ul>	<ul style="list-style-type: none"> <li>→ Downspout connection</li> <li>→ Distribution line</li> <li>→ Diffuser line</li> <li>→ Drainage pipe connection</li> <li>→ Membrane diffuser</li> <li>→ Fastening for pipe system</li> <li>→ Consulting documents</li> </ul>

Series	Wilo-Sevio ELASTOX-S 18	Wilo-Sevio ELASTOX-T 65
Product photo		
Construction	Aeration system consisting of panel diffuser and pipe system to distribute the pressure.	Aeration system consisting of tube diffuser and pipe system to distribute the pressure.
Application	For fine bubble air intake in various fluids such as drainage, sewage or sludge	For fine bubble air intake in various fluids such as drainage, sewage or sludge
Duty chart		
Technical data	<ul style="list-style-type: none"> <li>→ Perforation area: 2400 ... 6400 cm<sup>2</sup></li> <li>→ Air load: 1.5 ... 19 Nm<sup>3</sup>/h*m</li> <li>→ Temperature, air intake: 5 ... 60 °C</li> <li>→ Fluid temperature: 5 ... 35 °C</li> </ul>	<ul style="list-style-type: none"> <li>→ Perforation area: 640 ... 1600 cm<sup>2</sup></li> <li>→ Air load: 1.5 ... 10 Nm<sup>3</sup>/h*m</li> <li>→ Temperature, air intake: 5 ... 80 °C</li> <li>→ Fluid temperature: 5 ... 35 °C</li> </ul>
Special features	<ul style="list-style-type: none"> <li>→ Optimum energy efficiency thanks to the microperforations and large diaphragm surface</li> <li>→ High system efficiency due to the increased dwell time of the oxygen</li> <li>→ Process reliability provided by the low-wearing, blockage-free diaphragm</li> <li>→ High operational reliability, thanks to division into small aeration fields</li> <li>→ High system control flexibility</li> </ul>	<ul style="list-style-type: none"> <li>→ High configuration flexibility as a result of the range of lengths and the broad control range of the air intake</li> <li>→ Low-buoyancy behaviour</li> <li>→ Low specific piping requirements thanks to paired installation</li> </ul>
Equipment/function	<ul style="list-style-type: none"> <li>→ Downspout connection</li> <li>→ Distribution line</li> <li>→ Diffuser connection</li> <li>→ Membrane diffuser</li> <li>→ Fastening for pipe system</li> <li>→ Consulting documents</li> </ul>	<ul style="list-style-type: none"> <li>→ Downspout connection</li> <li>→ Distribution line</li> <li>→ Diffuser line</li> <li>→ Drainage pipe connection</li> <li>→ Membrane diffuser</li> <li>→ Fastening for pipe system</li> <li>→ Consulting documents</li> </ul>



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