



Membrane disc diffuser; Standard diffuser for slightly contaminated municipal wastewater, low migration softeners

Applications

- for oxygen input for nitrification in activation basins
- for permanent and intermittent ventilation systems
- for the thorough mixing of activation basins (municipal and industrial)
- for the renaturation of lakes and rivers
- for aquacultures and fish farming

Properties

- Operating range: normal operation 3-7, minimum 1, maximum 10 and purge operation 12 Nm³/h (h * maer.)
- optimized flow properties
- very good resistance to wastewater and municipal sewerage in accordance with the latest instructions DWA-M 115
- easily and quickly fitted
- conform to RoHS guideline

Temperature Range

- 0 °C to +85 °C

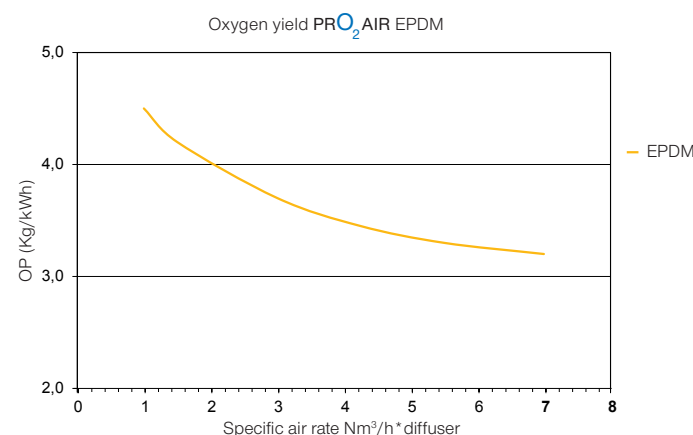
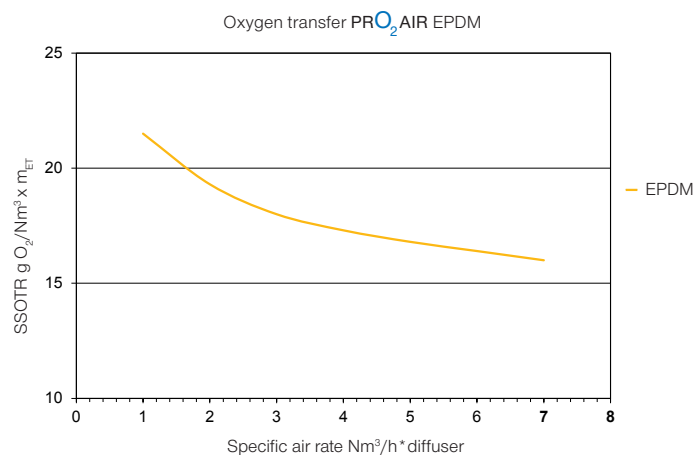
Design, material

wall: EPDM

Delivery variants

- black (standard)

Size	Diameter	Ventilation Surface	Weight	Outer thread	Order No.
mm	mm	m ³	kg/Pcs	inch	
320	320	0,062	0,850	3/4	640-0320-2700



Oxygen supply capacity/yield refer to full floor aeration with an arrangement density of 12% and a blow-in depth of 3.70 m. Measured in clean water according to DWA-M 209.

The efficiency and reliability of NORRES membrane tube diffuser can be increased by optimising and adapting the operating parameters. The permanent elasticity of the membrane has a crucial influence on the uniformity of the opening characteristic of the slit perforation over the full operating range. This in turn ensures a largely constant performance of the fine-bubble, compressed air aeration system.

Please refer to the Installation, Operation, and Maintenance Manual and additional technical data at www.norres.com. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.