

7" Disc Diffuser

Specifications:

- Diameter :237 mm (effective: 180 mm)
- Perforated area :0,025 m²
- Weight :515 gr
- Net height :33 mm
- Connection :¼ male PT
- Orifice :8,5 mm
- Operating range :2-10 m³/h (peak output 3-4 m³/h)
- Maximum flow rate :15 m³/h
- Bubble size :1-3 mm
- EPDM structure :Sulphur crosslinked
- VMQ structure :Peroxide crosslinked



Advantages:

- Tested high oxygen transfer efficiency
- Low head loss value.
- Silt geometry is developed via R&D activities
- Smooth membrane surface preventing the formation of bacterial plaque
- Surface structure enabling the bubbles to easily leave the membrane surface
- Small and intensive slit structure, maximising oxygen transfer efficiency
- Specially developed, long-lasting membrane elastomer formulation.

Applications:

- Municipal and industrial wastewater treatment
- Water treatment
- Renaturation of lakes and rivers
- Fish farming

Performance:

Performance of DAYSIL diffusers is measured according to the Advisory Leaflet ATV-M 209C (Measurement of the Oxygen Transfer in Activated Sludge Aeration Tanks with Clean Water and in Mixed Liquor) of DWA – German Association for Water,

