

Helicoidal spillway screen HURRICANE

PRODUCTS



Characteristics:

Previous Code TAT-01

The Screens spillway which its function is to separate the solids present in the water to be treated in a timely manner because its function occur in emergencies situations letting pass the water through it and holding the captured solids with the clear path of light according to the design. (Normally between 3 and 6 mm).

We can found these equipment at the entrances of wastewater treatment plants, pumping stations, etc ...

Its manufacture becomes from carbon steel, stainless steel AISI 304, 316, duplex, super duplex, etc

Flow rates from a minimum of 20 m³ / h and minimum diameters of 160 mm thread.

General description:

Constituted by,

Engine drive group.

Base supporting plate (According to standard measures)

Elongated axis (800 mm maximum)

Venting turbine

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Yield:

The O₂ contributions, indicated in the attached sheet, are referred to normalized conditions,

Temperatures 20°C
Dissolved oxygen 0.0 mg/liter
Clean water liquid
Pressure Atmos. 760 mm.c.m.

When selecting the ventilator, the application of a 0.7 security coefficient is recommended.

Tank measures:

It is recommended a width-depth relationship between 1-1,2,2-1.

The maximum deepness without aspiration tube will be of 3 mts, and of 5 mts. with aspiration tube.

Necessary energy:

The necessary energy in function of the tank's capacity will be calculated in function of 0.015 kw/m³ to 0.026 kw/m³.

