Hydro turbine generator upper machine wind shield

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Hydro turbines convert water pressure into mechanical energy. When used with an electrical generator, the movement of the turbine"s runners or propellers turns a shaft to produce ...

This equipment is functionally located between the generator terminals and the low-voltage terminals of the generator step-up (GSU) transformers, and between the neutral leads of the...

2) Booster turbine multiplied unit: The rated by the generator efficiency; multiplied by the boosterpower efficiency andgenerator by the generator shall be equal to the rated output of the turbine efficiency.

Various generator enclosures are available, including drip proof guarded, WPII and TEWAC. Damper winding is continuous as standard, or can be furnished noncontinuous as required by customer ...

In outboard generators, the thrust bearing is located above the rotor on the upper crosspiece; in umbrella generators, the thrust bearing is located under the rotor in the lower crosspiece or rests on ...

All of our medium and large hydro generators (> 50 MVA) are engineered to reduce thermo-mechanical stress on the generator structure, which contributes to improved reliability and extended lifetime.

The generator is a vertical suspension type, divided into two types: radial closed circulation ventilation and open duct ventilation. The entire air path is calculated and designed ...

This document provides specifications for a large vertical hydroelectric generator and its excitation system. It outlines the generator"s scope, applicable standards, type and rating, electrical ...

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