

Hibon Positive Displacement Blowers in Package SVH6 Bloc 1 used during the process of manufacturing chlorine acid (HCl) from Hydrogen

Application

The project consists in installation on French site of a new facility to produce **gaseous chlorine acid (HCl) under pressure**.

This HCl will be fully used by adjoining existing unit producing chlorine methyl (MeCl).

Process Datas

Flow: 210kg/h _ 99%H₂ @ 3,9 bar Abs & 25°C

Differential pressure: 900 mbar

Moteur: 55kw

Solution

Hibon SVH6 bloc 1 AD direct drive configuration with enclosure & safety transmitter instruments for the customer's remote monitoring by DCS.

- Process Blower tightness device with 4 set of dry dual mechanical seals pressurized with N₂ fluid, between process chamber and oil crankses,
- Instrumentation panel fitted on enclosure,
- Special C5 painting for **petrochemical environment**,
- Some Project specifications application,
- European Code and Standard application,
- European installation & **ATEX zone 2 certification**.



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