



Chemical Transfer Pump

RG - Chemical Industry

Chemical Industry

A chemical plant is an industrial process plant that manufactures chemicals product, usually on a large scale.

A chemical plant has usually large vessels or sections called units or lines that are interconnected by piping which can carry streams of material. Such material streams can include fluids (gas or liquid carried in piping), sometimes solids or mixtures such as slurries.



Application : Chemical Transfer Pump

PUMP: RGB 80 16CR 2C18 C181 3
PERFORMANCE: Flow 110 m³/h – head 20 m
LIQUID: nitric acid or sulfuric acid 98% with suspended particles- max s.g. 1,8

RG chemical pumps with semi-open impeller can pump liquid with small suspended particles or crystals (up to 10%) without clogging problems. Back-to-back seal arrangement allows the seals to work always in contact with clean liquids.

Pumps are made from corrosion resistant materials including stainless steel to ensure that they are suitable for use with aggressive industrial fluids.

RG SERIES

Centrifugal pumps built according to ISO 2858/ISO 5199 norms.
Impeller type: **semi-open with wear plate and external adjustment.**
Discharge sizes: **from DN 32 to DN 125.**
Maximum working pressure: **16 bar**
Flow rate: **up to 300 m³ /hr.**
Differential head: **up to 95 m.**
High hydraulic efficiencies and low NPSH value (investment casting impellers).

