



**SALVATORE  
ROBUSCHI  
POMPE PARMA**

# Chemical Transfer Pumps

## RD - Chemical Industry

### Chemical Industry

A chemical plant is an industrial process plant that manufactures chemicals, usually on a large scale. A chemical plant commonly 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: RDB 80 31D 2B75 499 3  
PERFORMANCE: Flow 91 m<sup>3</sup>/h – head 100 m  
LIQUID: urea solution 71% - 120°C

RD Chemical pumps are made from corrosion resistant materials including stainless steel to ensure that they are suitable for use with aggressive industrial fluids. When selecting a chemical pump, it is important that you have checked that it is compatible with the specific chemical composition that the pump is used for transferring.

### RD SERIES

Centrifugal pumps built according to ISO 2858/ISO 5199 norms.  
Impeller type: **closed**.  
Discharge sizes: **from DN 32 to DN 125**.  
Maximum working pressure: **16 bar**.  
Flow rate: **up to 500 m<sup>3</sup> /hr**.  
Differential head: **up to 140 m**.  
High hydraulic efficiencies and low NPSH value (investment casting impellers).

