

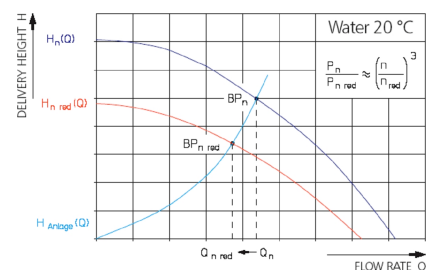
RENNER VERTICAL CENTRIFUGAL IMMERSION PUMPS RT WITH VARIABLE SPEED DRIVE

If required, Series RT vertical centrifugal immersion pumps can also be fitted with an integrated variable-speed drive.

In all RENNER centrifugal pumps, the pump, motor and frequency converter form one compact unit. This allows small dimensions, increases operational readiness and reduces costs.

The advantages of the variable-speed drive integrated in the motor:

- > Energy saving
- > Fluid control to suit your requirements
- > Space-saving drive
- > No power loss in the switch cabinet by the FC
- > Less installation work
- > The pump is delivered ready to connect and pre-programmed
- > No long, cost-intensive, shielded motor cables
- > No separate EMC-filter
- > Gentle pumping of the medium
- > No heating-up of the pumped medium by energy dissipation
- > No external motor circuit breakers thanks to integrated motor protection functions.



The frequency converters are available in various versions:

Control is optionally possible via:

- > Terminal strip
- > Analog input
- > Serial interface
- > Potentiometer
- > Control panel
- > Field bus (Profibus, etc.)

Centrifugal pumps are designated as an application with square torque. This means that the speed and capacity ratio is cubic. If the speed is reduced, the load is reduced much more. For example if the speed is reduced by 50%, only 12% of the capacity is still required !

We will be happy to help you. Just give us a call or send us an email for further information