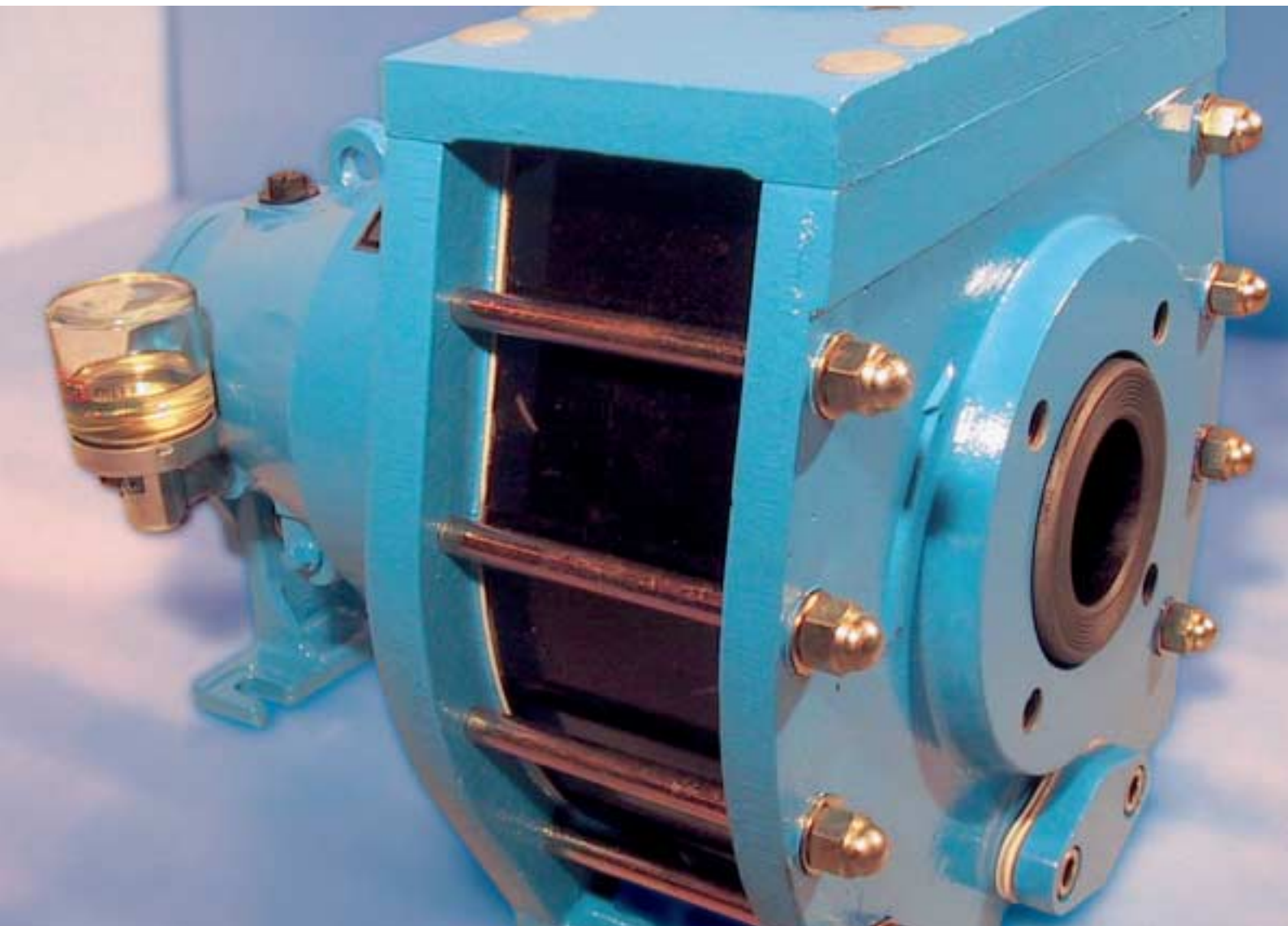
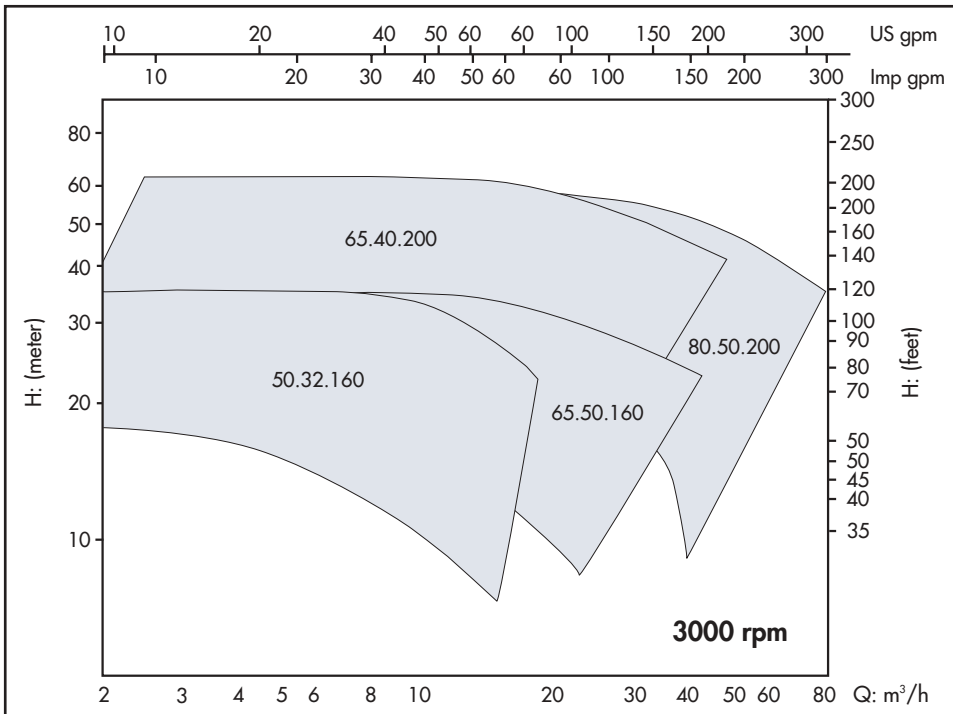
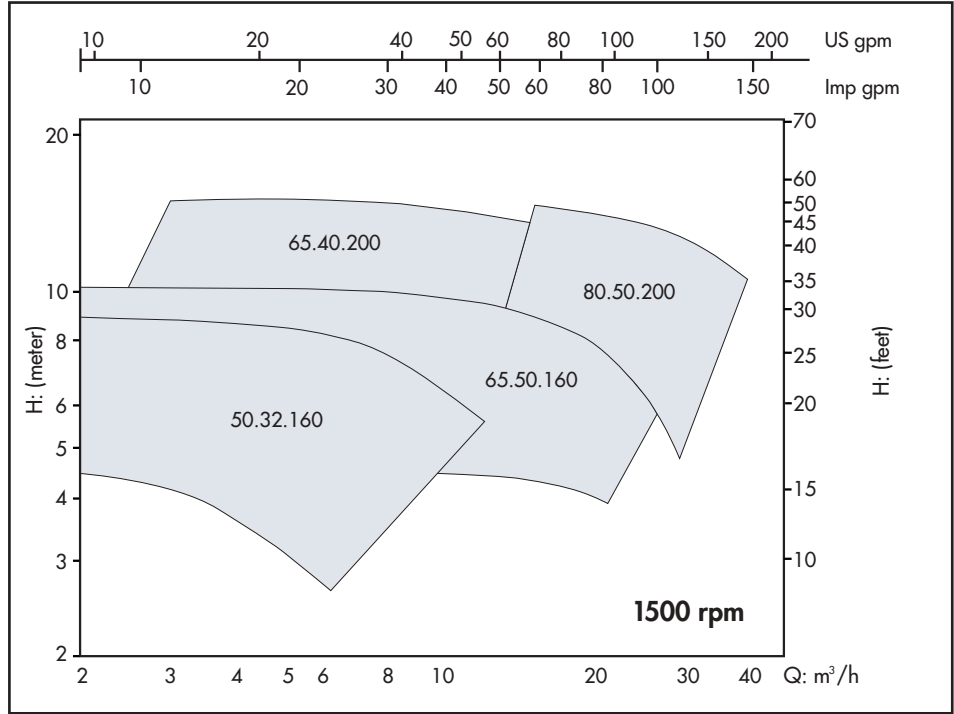


MAGNETIC-DRIVE CHEMICAL PUMPS IN ®DIABON GRAPHITE
®MAG-DIABON PUMPS



®MAG-DIABON PUMPS
PERFORMANCE CURVES



®MAG-DIABON PUMPS – MAGNETIC-DRIVE CHEMICAL PUMPS IN ®DIABON GRAPHITE

®DIABON magnetic-drive pumps are perfectly adapted for the transfer of highly toxic or hazardous corrosive fluids. The main advantage of graphite pumps resides in their great dimensional stability at high temperatures up to 200°C.

Magnets

The modular magnets are made of high-quality samarium cobalt adapted to the installed power. They are characterized by a high-density magnetic field, which permits a compact and efficient drive.

The inner rotor encapsulated in graphite allows higher process temperatures than those possible with PTFE pumps.

Non-metallic double can

Our magnetic drive pumps are made absolutely watertight by a PTFE-lined CFRP can. The absence of welds or joints means there is no risk of media leakage or pollution. The non-metallic double can prevents the formation of eddy current.

Torque

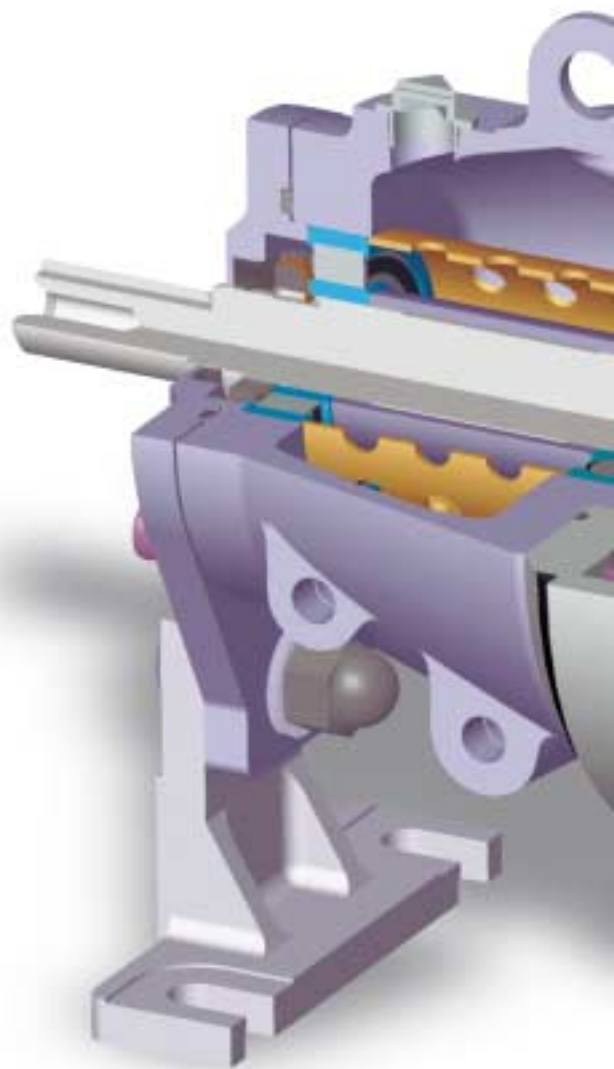
Torque transmission to the shaft and pump impeller is ensured by a feather key. The pump can thus withstand a reverse-direction start without sustaining any damage.

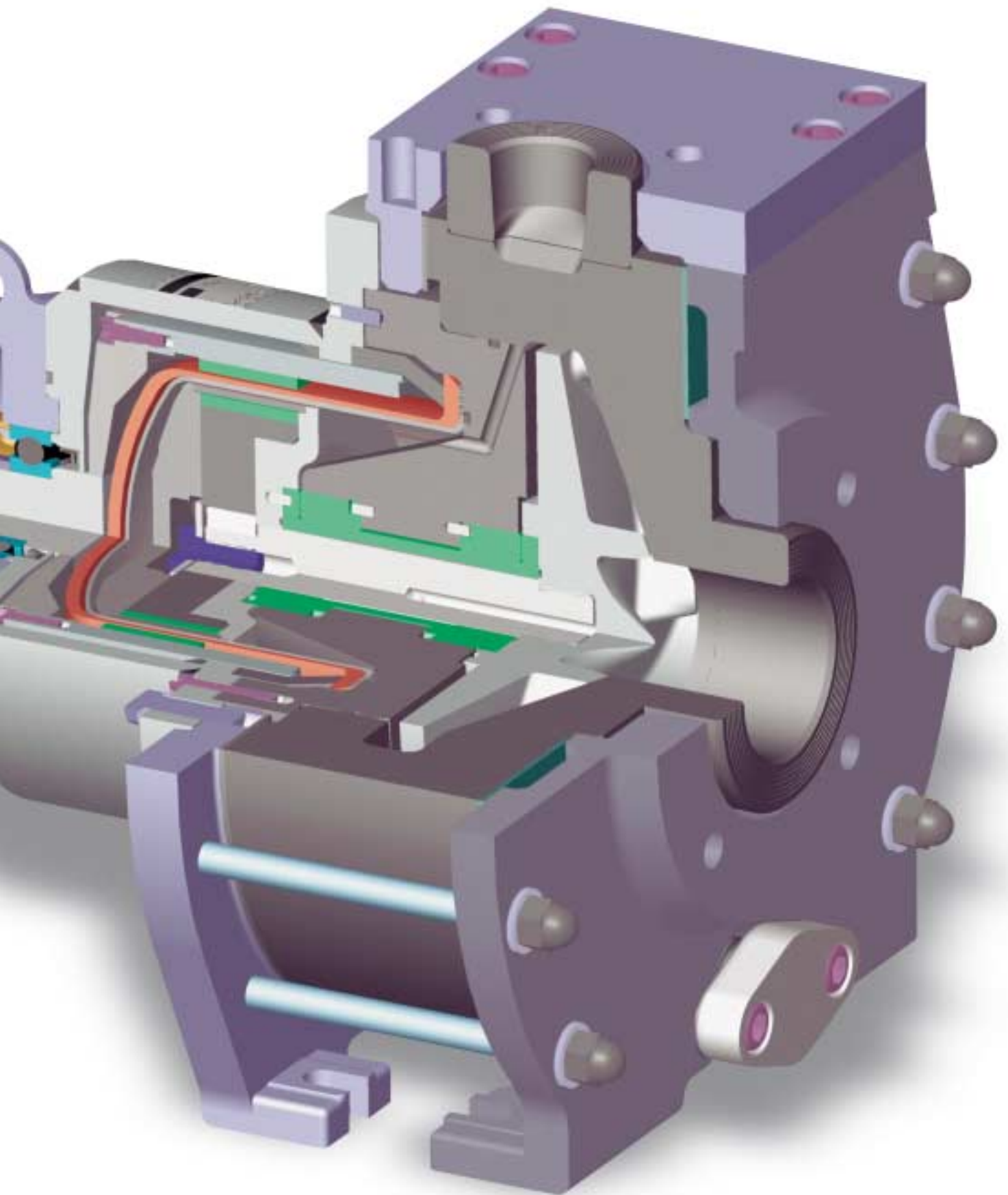
Maintenance

The absence of mechanical seals obviates the need for maintenance and reduces the need for checking. The number of wear parts is limited and no flushing fluid is required.

Bearings

Inside, wetted bearings are made from massive pure silicon carbide. They are lubricated by the pumped liquid. Outside, the oil-lubricated ball bearings ensure that the drive magnet is properly centered when rotating and guarantee that the bearing has a long service life.





OTHER SGL ACOTEC PUMPS



PUMPS IN ®DIABON GRAPHITE

- Standard chemical pumps with mechanical seals
- Propeller pumps
- Vertical pumps
- High-capacity pumps

◀ Standard chemical pump, graphite

PUMPS IN EXOTIC METALS (TITANIUM, HASTELLOY NICKEL ALLOYS, SANICRO, ZIRCONIUM)

- Standard chemical pumps with mechanical seals
- High-capacity pumps
- Magnetic-drive pumps
- Propeller pumps
- Vertical pumps



Standard chemical pump, exotic metal ▶

All of our pumps can be supplied with a bare shaft end or mounted on a baseplate with motor and coupling.

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The data contained herein represent the current state of our product knowledge and are intended to provide general information on our products and their application spectra. In view of the variety and large number of application possibilities, these data should be regarded merely as general information that gives no guarantee of any specific properties and/or suitability of those products for any particular application. Consequently, when ordering a product, please contact us for specific information on the properties required for the application concerned. On request, our technical service will supply a profile of characteristics for your specific application requirements without delay.
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