

RC Series - Helical gear pumps (Volumetric rotary)



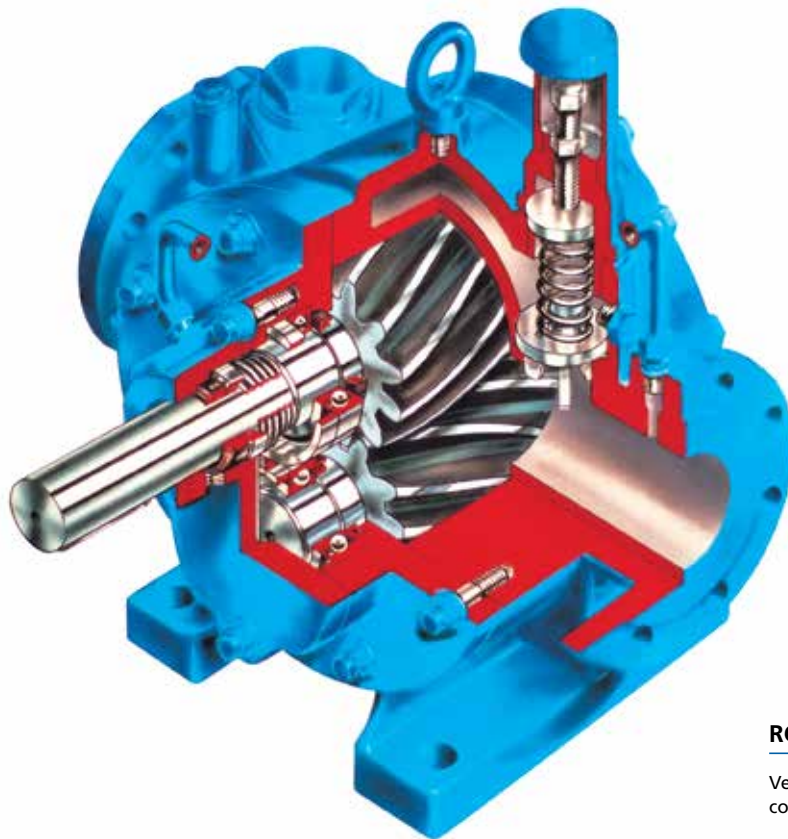
Applications:

- Marine industry: motor lubrication, fuel feed, fuel and lub-oil transfer.
- Oil: mineral and vegetables oils, oil derivatives, greases and additives...
- Petrochemical industry: asphalt, liquid polymers, solvents, emulsions, adhesives, fuel oil, diesel oil...
- Chemical industry: liquid soap paste, soya oil, glycerine ...
- Paint and lacquer industry: binders, colouring matter, solvents, textile dyes...

More information:

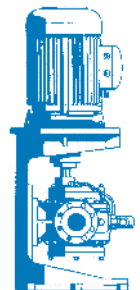
www.ksb.com/products

RC Series - Helical gear pumps



RCV version

Vertical construction



Reliability and robustness

- Due to the gear dimensioning supplying a constant flow and a constant speed

Versatile

- Lots of applications

Availability

- Horizontal or vertical construction

Easy maintenance

- Minimum operations are required

Security

- Relief by-pass valve, adjustable and with automatic opening

Self-priming

- It is just necessary to fill the pump with fluid

Materials

| | |
|--------------------------|----------------------|
| Pump casing and support: | Cast iron EN-GJL-250 |
| Gears: | Treated C55 steel |
| Shafts: | Steel C45 |

The parts may be constructed in other materials. In this case, please contact our Engineering Department.

Technical data*

| | |
|----------------------------|--|
| Sizes: | DN 20 to 100 |
| Flow: | Up to 78 m ³ /h (50 Hz) Up to 94 m ³ /h (60 Hz) |
| Maximum pressure: | 10 bar |
| Fluid viscosity: | 10 - 1.000 cSt |
| Speed: | Up to 1500 rpm (50 Hz) Up to 1800 rpm (60 Hz) |
| Maximum fluid temperature: | +80°C |

* For any application beyond this limit, please contact KSB. All data given in this document are for standard construction.