

RC Series - Helical gear pumps (Volumetric rotary)



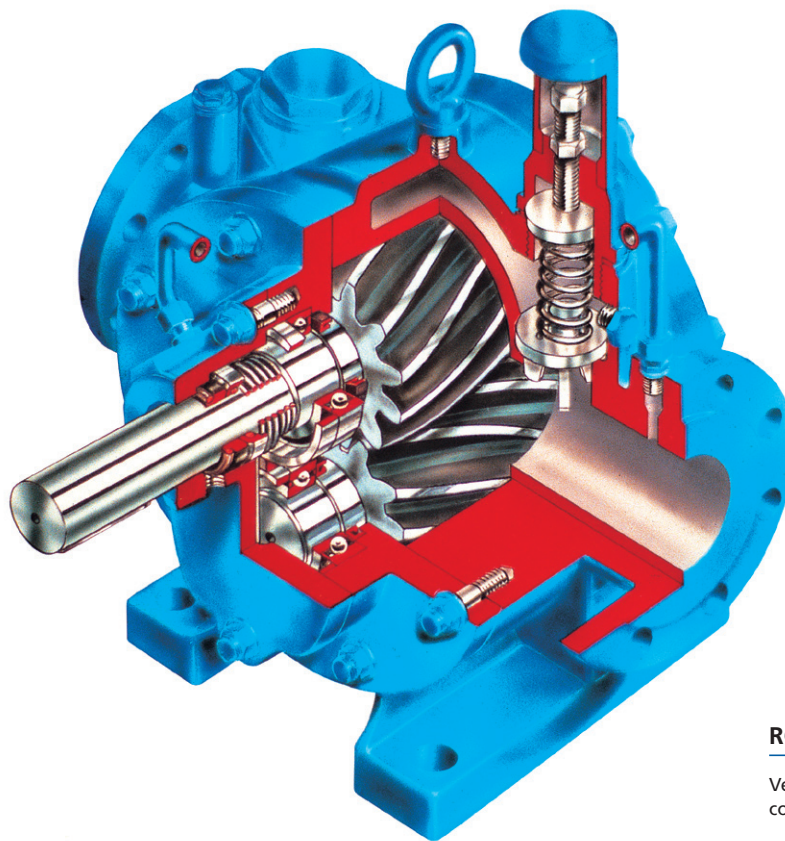
Applications:

- 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:

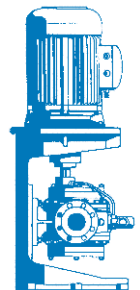
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RC Series - Helical gear pumps



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 GG25
Gears:	Treated F1150 steel
Shafts:	Steel F114

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.



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