

RC Series - Helical gear pumps (Volumetric rotary)

Industry

Water

Waste water

Energy

Building Services

Mining

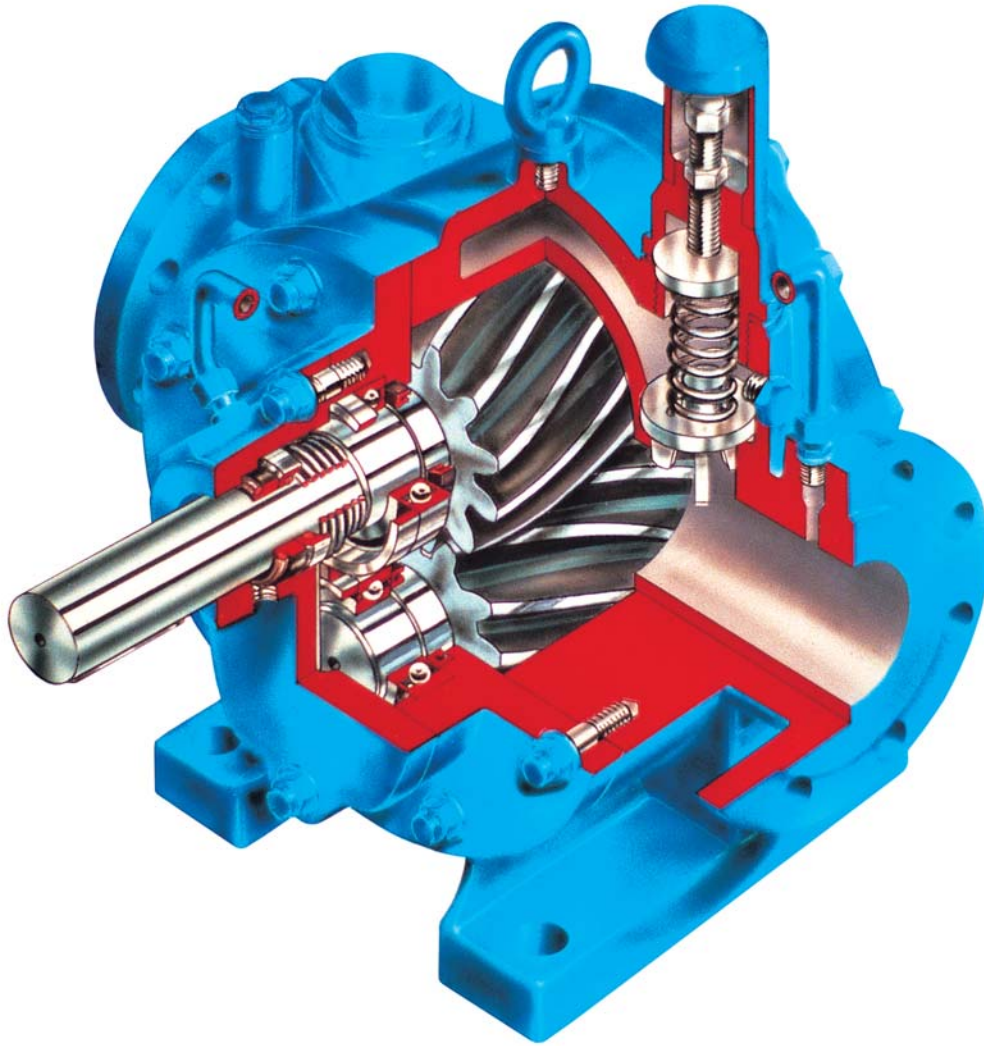
Marine

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...



RC Series - Helical gear pumps



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

RCV version

Vertical Construction



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
Maximum flow:	90 m ³ /h
Maximum pressure:	10 bar
Fluid viscosity:	10 – 1.000 cSt
Maximum speed:	1800 rpm
Maximum fluid temperature:	90 C°



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