KRAL Pumpen - Baureihe/series CG

C Series.

For pressures of up to 100 bar.

Operation, materials, components.

- Delivery rate CK: 1,750 l/min.
- Delivery rate CL: 3,550 l/min.
- Delivery rate CG: 3,550 l/min.
- Temperature range: -20°C to 180°C, magnetic coupling to 300°C.
- Pressure range: 70 bar; 100 bar.
- Housing: Nodular cast iron, steel and aluminium.
- Spindles: Steel, nitrided.
- Certifications: ABS, BV, CCS, DNV, GL, LRS, MRS, NK, RINA, KR.
- ATEX: ⟨Ex⟩ II 2 GD b/c group II, category 2.
- Heating: Electrical, fluid media and steam.
- Manufactured to conform with API.

The all-rounder – when needs exceed the standard K or L series pumps.
The main components of the C series pumps are the same – the CK, CL and CG pumps differ in the details, delivering the right pump to match more demanding applications. These pumps are primarily used in industry. The CK line is used in hydraulics as a tank pump. The CL line is put to use in the plastics industry as a high pressure feeder pump for polyurethane components like polyols and isocyanates. CG pumps are utilized in all the same areas of industry as the K and L line when higher pressures and delivery rates are required.

Models and installation variants.

1

2

3

4

5

1 The **flange pump CGF** is the universal pump for horizontal installation.
2 **Pump CGH** – mounted onto base frames.
3 Space saving **CG pedestal pumps** are for vertical installation.
4 **CK/CL pumps** are suitable for in-tank installation.
5 The **CK/CL flange pump line** – universal horizontal installation pumps.

Industrial uses.

Oil & Gas.

- Transfer of separated crude oil.
- Increasing pressure and circulation in lubrication systems.
- Tank system support.
- Compressor lubrication.

Mechanical Engineering.

- Lubrication pumping for gears, motors, turbines and hydraulic systems.
- Increasing pressure and circulation in lubrication systems.
- Bench testing.
- Burner and transfer pump.
- Lubrication oil applications.
- Industrial burners.

Power Generation.

- Burner technology for ring line and transfer pumping.
- Supplying lubrication oil for large diesel engines.
- Increasing pressure and circulation in lubrication systems.
- Tank system support.
- Increasing pressure in hydraulic turbine controllers.
- Compressed oil shaft seals for hydrogen cooled generators.
- Raising turbine bearings.
- Industrial burners.

Marine.

- Providing service for hydraulic drives.
- Increasing pressure in lubrication systems.
- Tank system support.
- Burner pump, boiler pump.

Chemical Engineering.

- Plastics processing, in particular polyurethane applications.
- Drainage pumping in tank systems for adhesives, wax, resins and fuel, PUR or coloring agents.
- Increasing pressure and circulation in lubrication systems.
- Tank system support.
- Drum discharge pump.
- Filling and draining of tanks.