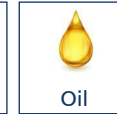
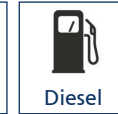
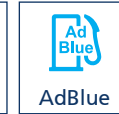


KOLEKTOR

For Different Fluids



www.kolektor.com

CORPUMP

Pressure Booster BLDC pump



Typical Applications

Water Treatment / RO
Carbonation Systems
Beverage/Coffee Systems
Water Vending, Dispensing

Hydroponics / Aeroponics
Misting Systems
Humidification
HVAC Coil Cleaning

Medical Lab Water
Autoclave Systems
Endoscope Reprocessing
Dialysis Chemical Injection

Chemical Boost
Methanol & Water Injection
Fuel systems (gasoline, adblue, diesel, oil)
Oil pressure boosting (PTO, transmissions)

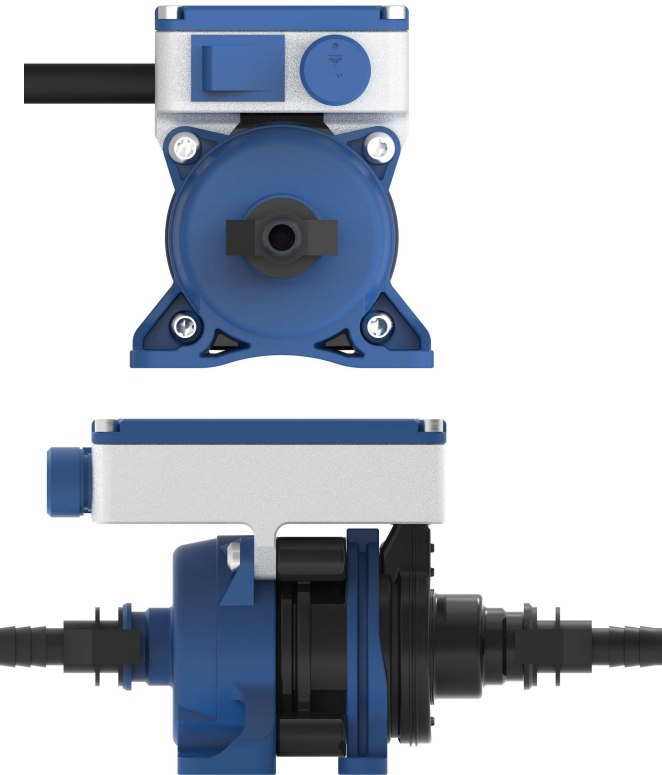


Water Purification | Beverage | Floor Care | Automotive | General Industrial | Solar | Lab devices | Road Maintenance

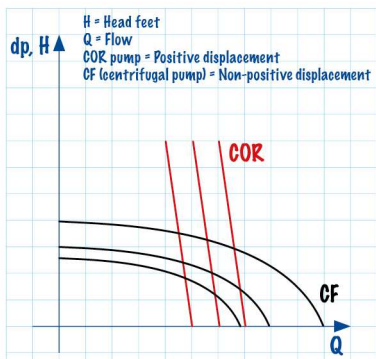
Properties

- **12V BRUSHLESS DC MOTOR** with **INTEGRATED CONTROLLER**
- **ADVANTAGE = HIGH** Performance - **SMALL** size (Length 120 mm / OD 80 mm) - **LOW** weight (0,4 kg)
- **THERMOSET** injection molding of dimensionally stable polymer materials with high mechanical & thermal performance
- Simultaneous engagement of complete gearing for high volumetric efficiency in middle pressure range (up to 20 bar)
- **SELF PRIMING** and **REVERSE FLOW**
- Corrosion resistance

- Pump type : **COR (Axial 3D Gear Pump)**
- Controllable flow from **50-250 l/h**
- **Stable flow** (1% nominal flow drop per 1 bar difference) **up to 10 bar**
- Lifetime: up to **20.000 h**

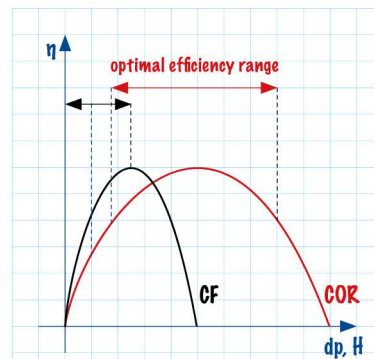


High pressure



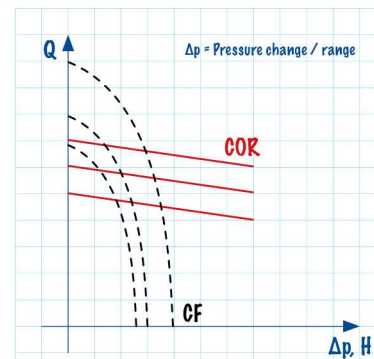
COR = Axial Trochoid Gear Pump
CF = Centrifugal (Turbine) Pump

High efficiency at higher pressures



H = Head Feet
dp = pressure difference

Stable flow over wide range of pressure



Q = Flow
 Δp = Centrifugal (Turbine) Pump

MADE IN EU BY

Kolektor Group d.o.o. • Vojkova ulica 10 • SI-5280 Idrija • Slovenia
COR Pump Technical info: cor-pump@kolektor.com • www.kolektor.com • www.kolektordrives.com