



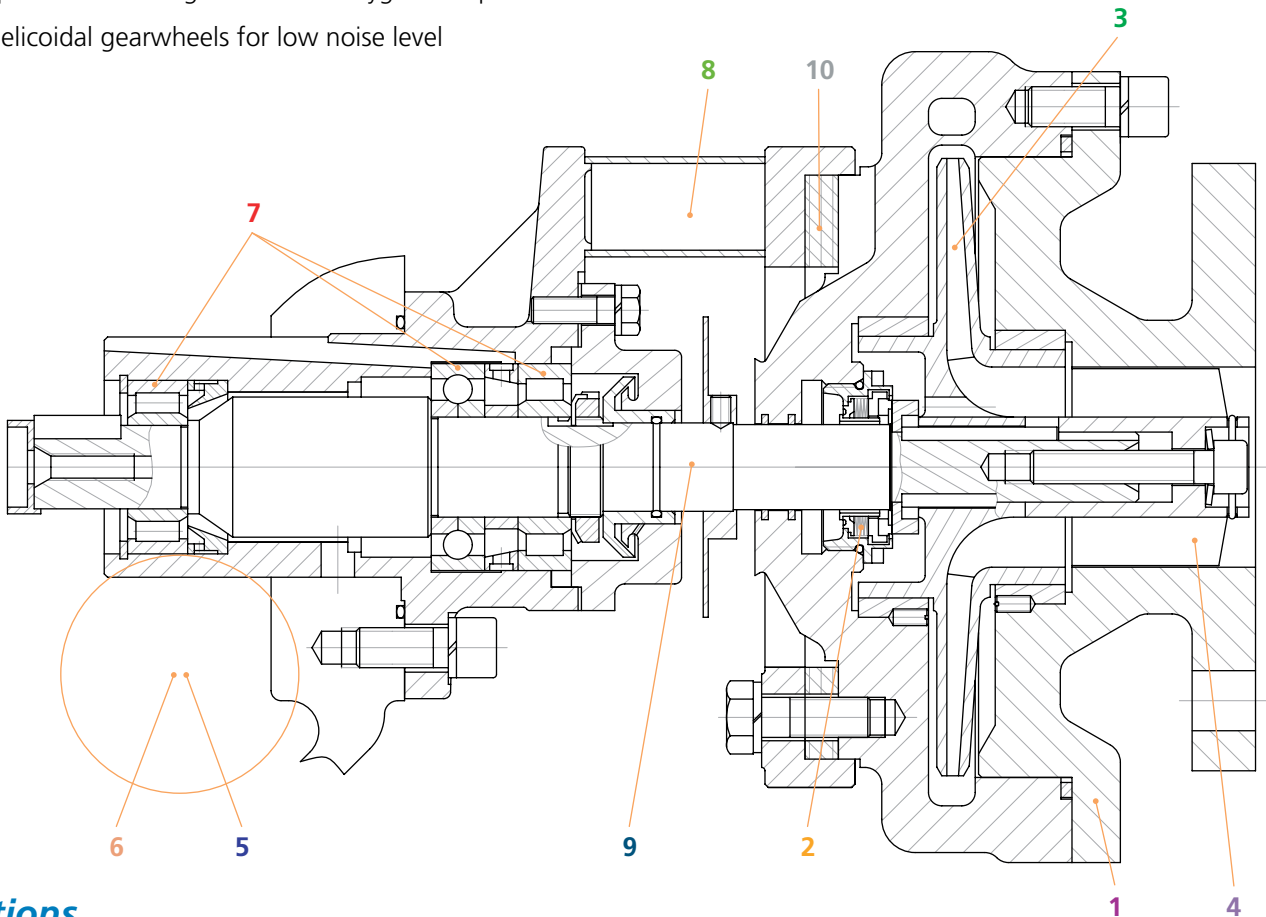
★ Features

- 1 Front opening of housing : easy and reliable replacement of mechanical seal without the need for readjustment of the run-out
- 2 CRYOSTAR composite mechanical seal (4 times longer life time than carbon seals)
 - ★ for CO2 application : special CRYOSTAR high pressure mechanical seal
 - ★ for long life application : CRYOSTAR gas seal
- 3 High hydraulic efficiency closed impeller
- 4 Helical inducer allowing low required NPSH
- 5 Splash lubricated gearbox with oxygen compatible oil
- 6 Helicoidal gearwheels for low noise level

- 7 Pump support with 3 bearings :
2 for radial thrust and 1 for radial and axial thrust

Permacold barrier consisting of:

- 8 4 hollow arms open intermediate piece between the volute and the motor
- 9 Hollow shaft reducing thermal conductivity to a minimum
- 10 Thick insulation plate providing low thermal conductivity



★ Options

- ★ Differential pressure switch (protection again dry running)
- ★ Cool down temperature probe
- ★ Leak detection temperature probe
- ★ Purged seal
- ★ Purged gearbox
- ★ Complete skid mounted assembly

For more details please contact your local Cryostar representative



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