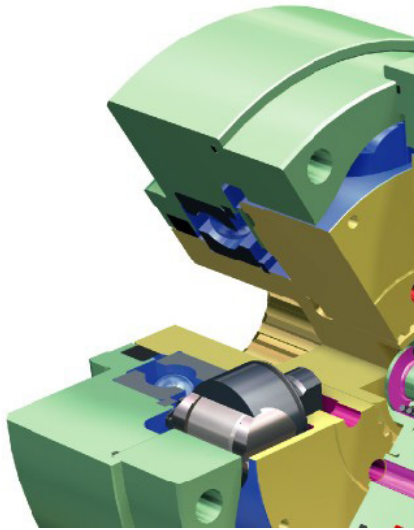




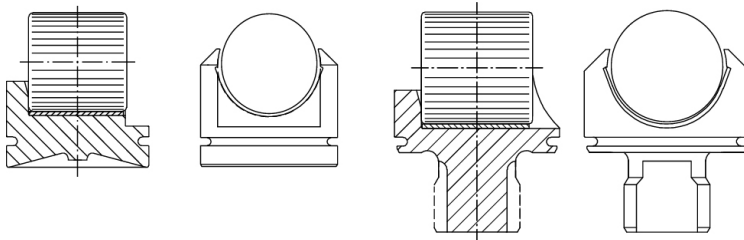
# Step Piston ROTODIFF



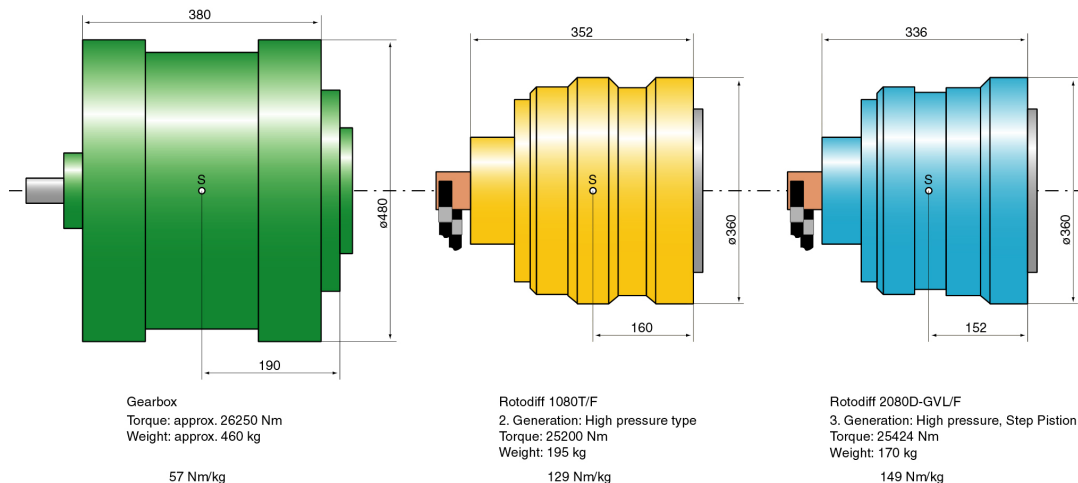
This major new development is a significant step towards an absolutely optimised torque/weight ratio for any centrifuge drive system; i.e. the NEW STEP PISTON DESIGN enables Viscotherm to reduce Rotodiff sizes and increase the torque capacity by over 50%, thus reduced costs for the same duty. The standard high pressure roller piston Rotodiff series were introduced in 1996 and in the meantime operate on many locations with proven success.

The new step-piston Rotodiff design, was developed and tested in 2005/06 and can even further optimise the torque/weight ratio and improve the better torque capability over any given centrifuge scroll drive. The key components on this new Rotodiff series are the newly developed step pistons.

## Comparison: Roller-Piston / Step-Piston design



## Comparison: Gear box torque/weight/dimensions verses step piston Rotodiff 2080 D/F



This latest „STEP PISTON” development enables Viscotherm to be technically superior and price competitive at the same time, due to the 50% enhanced torque capacity on equal Rotodiff sizes, additionally the new step piston design has less moving parts, therefore increased lifetime and reduced maintenance and operating costs are further advantages.

### Trademark

ROTODIFF® and VISCOTHERM® are registered Trade marks of Viscotherm AG.