

# Overhead mounted agitator drive for high temperatures and pressures

DST has developed a conversion kit that meets the increasing requirements in agitator technology and covers a wide range of applications.

## Advantages

- Due to the installed radial bearing combination of graphite and SSiC bearings, the conversion kit is very resistant to aggressive media
- Very good dry running properties
- The easily replaceable radial bearings allow simple mounting and maintenance
- Better concentricity due to optimised design and better bearing positioning
- More cost-effective solutions for lower pressure by simply changing the canister material

Our team is available for a detailed consultation in person, by phone or per webmeeting.

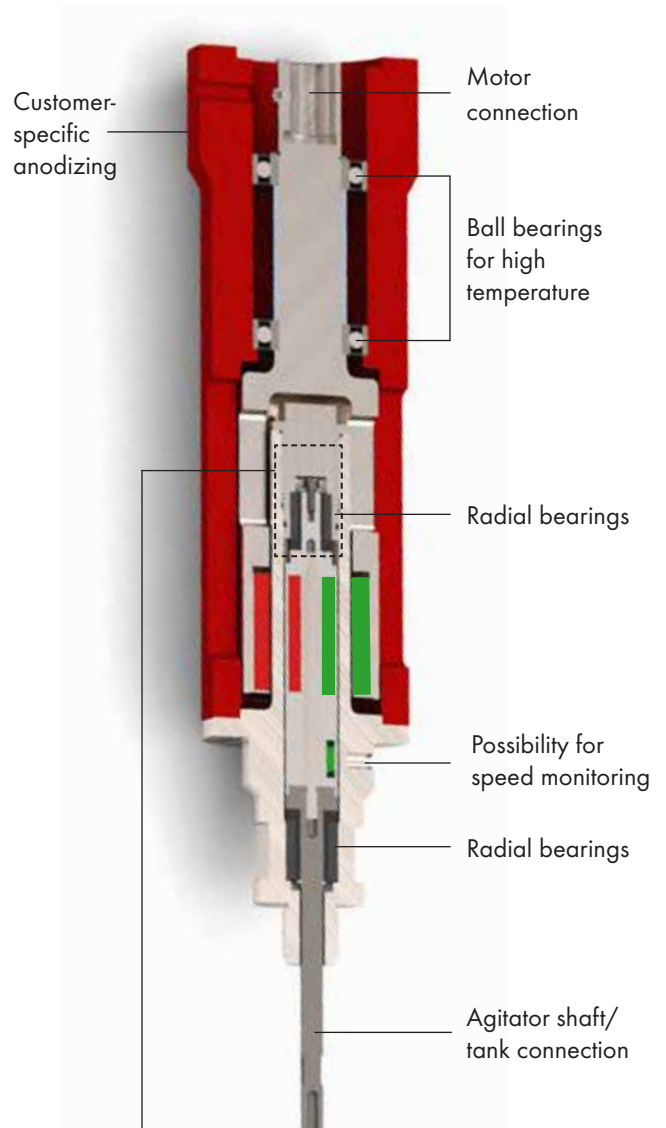
## Technical data

Design pressure	400 bar
Design temperature	350°C
Permanent magnetic coupling	350°C
Max. torque at 20°C	2,5 Nm
High temperature ball bearing	150°C/220°C
Permanent operating range	150°C/220°C
Speed limit	3080 rpm
Material canister	1.4410
Material wetted parts	1.4401 (AISI 316)

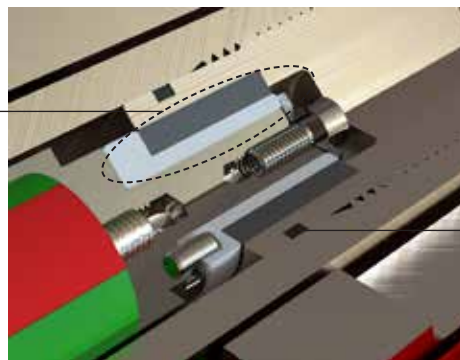
## Customer-specific adaption

(possible on request)

- Motor connection with max. shaft diameter  $\varnothing$ 19mm
- Optional with motor
- Possibility for speed monitoring
- Agitator shaft/tank connection
- Different materials for wetted parts
- Max. temperature up to 420°C
- Anodizing
- Company logo (engraved)



Radial bearing combination of graphite and SSiC.  
**Very good dry running properties!**



High temperature O-Ring