

## Concept for FCC-Certification Model T12Sxx



## Type Approval Electrical Parts

FCC ID: 2ADAT-T12S8

IC: 12438A-T12S8

ØD=300 mm

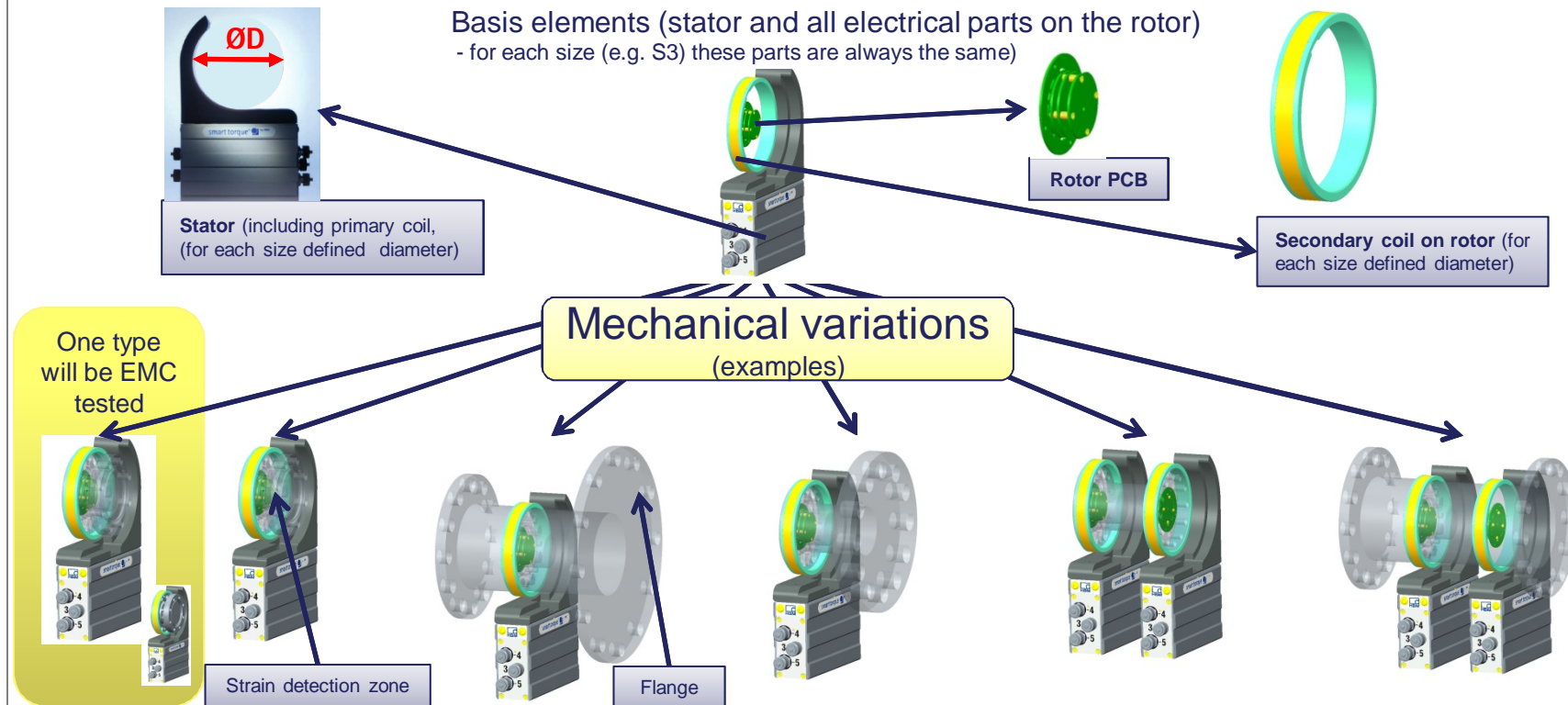


## Variations of mechanical parts of rotor (variations have no influence on FCC test)

20kNm to  
50kNm

customized

# Description of mechanical rotor variations of one size (e.g. S12)



## Same EMC conditions:

- All types of one size have the same stator, same primary coil, same rotor PCB, same secondary coil on the rotor and have complete metallic housing of rotor and stator.

## Possible mechanical modifications (no influence on FCC tests):

- Variations of the thickness of the strain detection zone to realize different torque ranges (e.g. 2kNm, 3kNm,...)
- Variations of flanges (e.g. diameter of PCD, length, ...) to realize different mechanical interface (mountable to customers counter flange)
- Two telemetry systems on one rotor to achieve redundancy

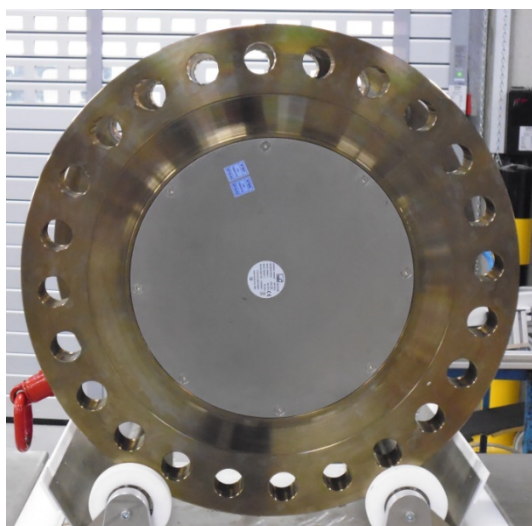
## Photos of EMC sample of size 12

FCC ID: 2ADAT-T12CVS8 (Size 3)

IC: 12438A-T12CVS8



Stator



Rotor

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Hans Schuster  
V-SC