

Concept for FCC-Certification Model T12Sxx



Type Approval Electrical Parts

FCC ID: 2ADAT-T12S8

IC: 12438A-T12S8

ØD=300 mm

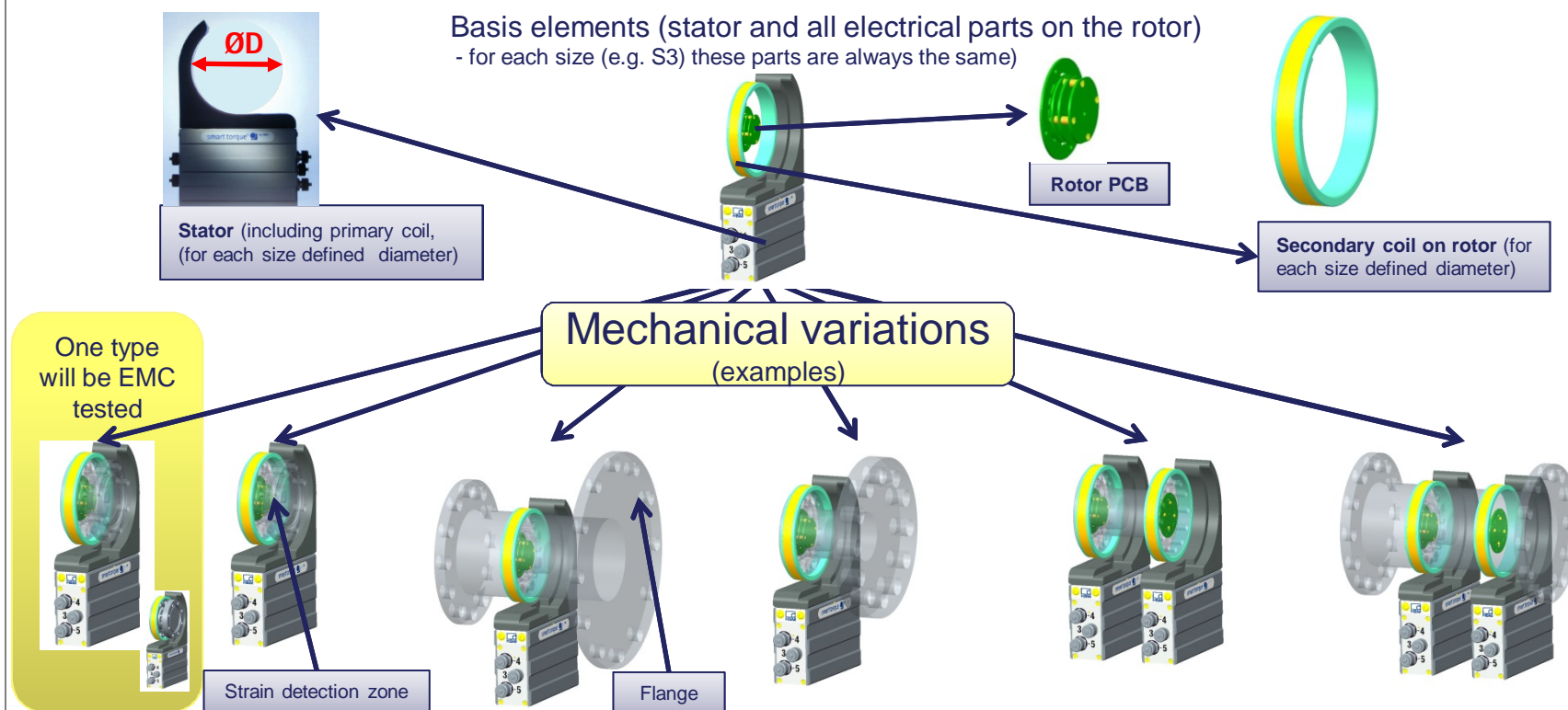


Variations of mechanical parts of rotor (variations have no influence on FCC test)

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

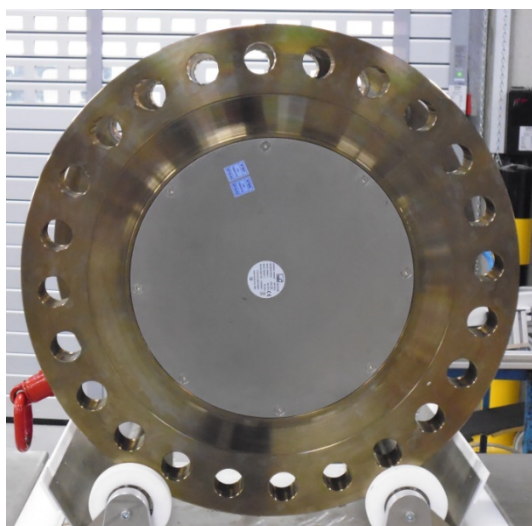
Photos of EMC sample of size 12

FCC ID: 2ADAT-T12CVS8 (Size 3)

IC: 12438A-T12CVS8



Stator



Rotor

www.hbm.com

Hans Schuster
V-SC