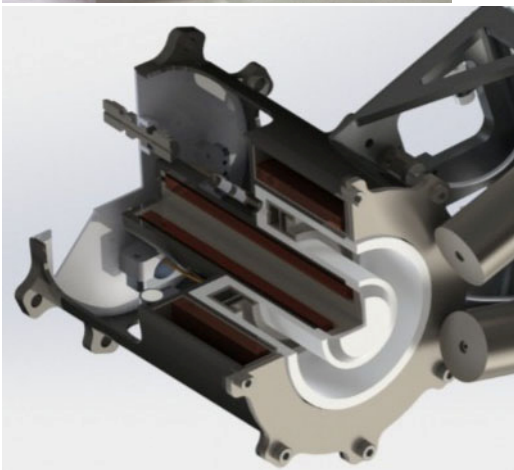
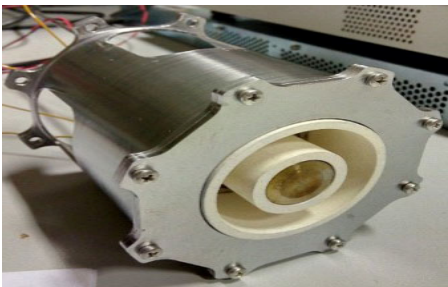


SHT250 SERAN HALL Effect Thruster



250W HALL Thruster

Sufficiently high specific characteristics for this class of thrusters allow efficient use of onboard resources. Two coils configuration was used for the thruster design, large variety of operational modes options were achieved due to well designed magnetic field configuration. One of the best performance in the power level class was achieved.



Characteristic	Value
Nominal Power	210W
Nominal Thrust	12.5mN
Nominal Voltage	250V
Specific Impulse	1300s
Total Impulse capability	140kN*s
Efficiency	40%