

## ASTROFEIN RWT150

Parameter	RWT150	Remark
Angular momentum	1.0 Nms	@ nominal speed
Nominal rotation speed	6000 rpm	
Nominal reaction torque	0.1 Nm	Max. commandable deliverable output torque over the whole speed range
Power interface		
<i>Supply voltage</i>	18 to 34 V	
<i>Power consumption</i>	$\leq 2.5 \text{ W}$ $\leq 7 \text{ W}$ $< 60 \text{ W}$	Stand by (motor off) @ steady state Maximum (max. torque/max. speed)
Mechanical interface		
<i>Mass</i>	$\leq 1.3 \text{ kg}$	
<i>Dimension</i>	150mm*150mm*60mm	
Temperatures		
<i>Operation</i>	-20 °C to +50 °C	
<i>Start-up</i>	-30 °C to +60 °C	
<i>Survival temperature</i>	-40 °C to +70 °C	
<i>Data interface</i>	RS485/RS422	
<i>Design lifetime</i>	> 7 years	In LEO
<i>Storage time</i>	> 3 years	(incl. 240 h of ground operation)