

## ASTROFEIN RW3000

Parameter	RW3000	Remark
Angular momentum	50.0 Nms	@ nominal speed
Nominal rotation speed	4000 rpm	
Nominal reaction torque	0.2 Nm	Max. commandable reaction torque,
Power interface		
<i>Supply voltage</i>	22 to 37 V	
<i>Power consumption</i>	$\leq 2.5$ W $\leq 30.0$ W $\leq 75$ W $\leq 140$ W	Stand by (motor off) @ nominal speed 0.1 Nm/max speed Maximum (0.2 Nm/max. speed)
Mechanical interface		
<i>Mass</i>	$\leq 9.0$ kg	
<i>Moment of inertia</i>	$1.19e^{-1}$ kg m <sup>2</sup>	Rotating mass
<i>Dimension</i>	370 x 370 x 120 mm <sup>3</sup>	
Temperatures		
<i>Operation</i>	-20 °C to +60 °C	
<i>Start-up</i>	-30 °C to +60 °C	
<i>Non-operation</i>	-40 °C to +65 °C	
<i>Data interface</i>	CAN/RS485	
<i>Design lifetime</i>	> 15.5 years	
<i>Storage time</i>	> 6 years	including 1500h of ground operation