

ASTROFEIN RW1500

| Parameter | RW1500 | Remark |
|--------------------------|--|--|
| Angular momentum | 25.0 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> | ≤ 2.5 W ≤ 30.0 W ≤ 75 W ≤ 140 W | Stand by (motor off) @ nominal speed 0.1 Nm/max speed Maximum (0.2 Nm/max. speed) |
| Mechanical interface | | |
| <i>Mass</i> | ≤ 6.0 kg | |
| <i>Moment of inertia</i> | $5.97e^2$ kg m ² | Rotating mass |
| <i>Dimension</i> | 320 x 320 x 120 mm ³ | |
| 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 |