



| | | Series 23S21 | Series 23S31 | Series 23S41 |
|-----------------------------------|---|--|-----------------|-----------------|
| → Technical Data | | | | |
| Stall torque | [Nm] | 8 | 13 | 20 |
| Peak torque at 100 rpm | [Nm] | 8 | 12 | 14 |
| Peak torque at 200 rpm | [Nm] | 6 | 8 | 10 |
| Rated torque | [Nm] | 4.5 | 6.2 | 9 |
| Rated speed | [min ⁻¹] | 100 | 100 | 75 |
| Inertia (with motor) | [kg m ² · 10 ⁻³] | 6.5 | 8.5 | 10.8 |
| Length L | [mm] | 132 | 154 | 189 |
| Reduction ratio | | 10:1 | | |
| Reproducibility | [°] | w/o directional reversal: ± 0.004 | | |
| | [°] | with directional reversal: ± 0.08 | | |
| Max. axial load | [N] | 1000 | | |
| Max. radial load | [N] | 500 | | |
| Permissible topple torque | [Nm] | 40 | | |
| Height error | [µm] | ± 40 | | |
| Concentricity error | [µm] | ± 30 | | |
| Hole diameter | [mm] | 100 | | |
| Mass | [kg] | 5.5 | | |
| Protection class | | IP40 | | |
| Housing temperature | [°C] | - 10 ... + 80 | | |
| → Encoder | | | | |
| Resolution incremental encoder | [inc/rev] | 80,000 (= 0.27 angular min./inc), optional 1,600,000 (= 0.81 angular sec./inc) | | |
| Resolution absolute value encoder | [inc/rev] | 1,310,720 | | |
| | [rev.] | max. 409 | | |



- Complete, fitted rotary table
- Mechanically and electrically ready for connection
- Hole diameter: 100 mm
- Servo motor ECOSTEP® series 23S
- Servo amplifiers: ECOVARIO®114D, ECOVARIO®214
- Positioning interfaces: CAN, EtherCAT, Profibus DP, RS232, RS485
- Reference sensor and holding brake optional



