



Tab. 2.4 - TR 4500 ST / MT technical features

| VERSION | | TR 4500 ST / MT | |
|--|--|-----------------------|-----------------------|
| Payload | | 4500 kg | |
| Static torque (max continuative output torque) | | 4250 Nm | |
| Turnover moment (max moment of flexure) | | 45000 Nm | |
| Max radial thrust | | 9000 N | |
| Maximum inertia (2) | horizontal table installation plane | 7000 kgm ² | 4500 kgm ² |
| | table 5° inclination installation plane | 6500 kgm ² | 4000 kgm ² |
| | table 10° inclination installation plane | 6000 kgm ² | 3500 kgm ² |
| Output rotation speed (2) | | 38 °/s | 52 °/s |
| Stopping distance (2) | | 9.0° | 12° |
| Controlled stopping time(2) | | 0,5 s | 0,5 s |
| 90°stroke time | (1) (2) | 3,0 s | 2,4 s |
| 120°stroke time | | 3,8 s | 3,0 s |
| 180°stroke time | | 5,5 s | 4,3 s |
| Repeatability at 500 mm | | ± 0.15 mm | |
| Motors | | AC brushless | |
| Protection class | | IP 65 | |
| Working temperature | | 0 ÷ + 45 °C | |
| Storage temperature | | - 40 °C ÷ + 60 °C | |
| Colour (standard) | | RAL 9006 or RAL 9005 | |
| Fastening plane | | 0°; 5°; 10° | |
| Weight | TR 4500 ST | 825 kg | |
| | TR 4500 MT | 825 kg | |

(1) The times indicated in the table refer exclusively to the specific mechanical stroke of the axis. To evaluate the total time needed to execute a complete axis cycle it is necessary to add the times required