



**Tab. 2.2 - TR 1000 ST technical features**

VERSION		TR 1000 ST	
Payload		1000 kg	
Static torque (max continuative output torque)		850 Nm	
Turnover moment (max moment of flexure)		10000 Nm	
Max radial thrust		3750 N	
Maximum inertia (2)	horizontal table installation plane	1400 kgm <sup>2</sup>	700 kgm <sup>2</sup>
	table 5° inclination installation plane	1200 kgm <sup>2</sup>	600 kgm <sup>2</sup>
	table 10° inclination installation plane	1000 kgm <sup>2</sup>	500 kgm <sup>2</sup>
Output rotation speed (2)		43 °/s	69 °/s
Stopping distance (2)		12°	19°
Controlled stopping time (2)		0,7 s	0,6 s
90° stroke time	(1) (2)	3,0 s	2,15 s
120° stroke time		3,7 s	2,6 s
180° stroke time		5,2 s	3,5 s
Repeatability at 500 mm		± 0.1 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	
Mounting plane inclination		0°; 5°; 10°	
Weight		460 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 by the devices used to manage the start and stop commands of the application (for example IEAK devices).**

**(2) Two performance levels are possible, according to the load inertia.**