



Tab. 2.5 - TR 6000 ST / MT technical features

VERSION		TR 6000 ST / MT		
Payload		6500 kg		
Static torque (max continuative output torque)		5800 Nm		
Turnover moment (max moment of flexure)		75000 Nm		
Max radial thrust		18000 N		
Output rotation speed		33 °/s		
Inertia max - horizontal table installation plane (2)		15000 kgm ²	10000 kgm ²	5000 kgm ²
Stopping distance (2)		13.2 °	9.9 °	6.6 °
Controlled stopping time(2)		0,8 s	0,6 s	0,4 s
90°stroke time	(1) (2)	3,5 s	3,3 s	3,1 s
120°stroke time		4,4 s	4,2 s	4,0 s
180°stroke time		6,3 s	6,1 s	5,9 s
Repeatability at 750 mm		± 0.2 mm		
Motors		AC brushless		
Protection class		IP65		
Working temperature		0 ÷ + 45 °C		
Storage temperature		- 40 °C ÷ + 60 °C		
Colour (standard)		Silver RAL 9006 or RAL 9005 Black		
Fastening plane		0° (on the floor)		
Weight	TR 6000 ST	2460 kg		
	TR 6000 MT	2350 kg		
	TR 6000 ST_WM (table without the drive unit)	2420 kg		
	TR 6000 MT_WM (table without the drive unit)	2310 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 to times indicated in the table the times required by the devices used to manage the start and stop commands of the application (for example IEAK devices).**
- (2) Three performance levels are possible, according to the load inertia**