



Tab. 3.3 - Positioner technical features Rel. 1.0 / Rel. 2.0

VERSION	PTDO 500 1.2-2.0	PTDO 500 1.2-2.5	PTDO 500 1.2-3.0	PTDO 500 1.2-3.5	PTDO 500 1.2-4.0
Capacity	500 (kg)				
Weight	2130/4696 (kg/lb)	2220/4894 (kg/lb)	2300/5070 (kg/lb)	2390/5269 (kg/lb)	2470/5445 (kg/lb)
Max inertia	150 (kgm ²)				
Turnover moment (max moment of flexure)	1960 (Nm)				
Static torque (max continuous output torque)	600 (Nm)				
Max axial thrust	11,7 (daN)				
Speed rotation output	9,2 (°/s)				
Stroke time of 180° *1	3,9 (s)				
Acceleration time *1	0,6 (s)				
Repeatability 500 mm from the rotation axis	± 0,15 (mm)				
Motors	AC brushless				
Control system	C5G Control Unit with integration of the optional additional axes				
Protection class	IP65				
Operating environment temperature	da 0 a +45 °C				
Storage temperature	from -25°C a +55 °C				
Colour (standard)	RAL 9006 Silver or - RAL 9006 Black				
Modules MP installed on satellites	MP500				
Available Outfittings	Not available				
Installable idle flange assembly	Idle flange swivel assembly (CR82028000); Idle flange assembly with radial bearing (CR82036300); Idle flange assembly with rotary distribution (CR82034100)				



Tab. 3.4 - Positioner technical features Rel. 1.0 / Rel. 2.0

VERSION	PTDO 750 1.2-2.0	PTDO 750 1.2-2.5	PTDO 750 1.2-3.1	PTDO 750 1.2-3.5	PTDO 750 1.2-4.0	PTDO 750 1.2-4.5	PTDO 750 1.2-5.0
Capacity	750 (kg)						
Weight (kg/lb)	2880/6349 (kg/lb)	2985/6580 (kg/lb)	3060/6746 (kg/lb)	3190/7033 (kg/lb)	3255/7176 (kg/lb)	3400/7496 (kg/lb)	3480/7672 (kg/lb)
Max inertia	270 (kgm ²)						
Turnover moment (max moment of flexure)	3500 (Nm)						
Static torque (max continuous output torque)	1000 (Nm)						
Max axial thrust	11,7 (daN)						
Speed rotation output	9,2 (°/s)						
Stroke time of 180° *1	3,7 (s)						
Acceleration time *1	0,45 (s)						
Repeatability 500 mm from the rotation axis	± 0,15 (mm)						
Motors	AC brushless						
Control system	C5G Control Unit with integration of the optional additional axes						
Protection class	IP65						
Working temperature	from 0 to +45 °C						
Storage temperature	from - 25°C to + 55°C						
Colour (standard)	RAL 9006 Silver or - RAL 9006 Black						
Modules MP installed on satellites	MP1000						
Available Outfittings	Profinet Arc Welding Outfitting (CR18664880) for idle flange with rotary distributor						
Installable idle flange assembly	Idle flange swivel assembly (CR82028000); Idle flange assembly with radial bearing (CR82036300); Idle flange assembly with rotary distribution (CR82034100)						