



VERSION	PTDV 250 1.1-1.6	PTDV 500 1.2-2.0	PTDV 500 1.2-2.5	PTDV 750 1.2-2.0	PTDV 850 1.2-2.5
Capacity	250 (kg)	500 (kg)		750 (kg)	850 (kg)
Weight	1250/2756 (kg/lb)	1800/3969 (kg/lb)	1855/4090 (kg/lb)	1855/4090 (kg/lb)	1920/4233 (kg/lb)
Max inertia	60 (kgm ²)	200 (kgm ²)		350 (kgm ²)	350 (kgm ²)
Turnover moment (max moment of flexure)	2000 (Nm)	3500 (Nm)		3500 (Nm)	3500 (Nm)
Static torque (max continuous output torque)	600 (Nm)	1000 (Nm)		1000 (Nm)	1000 (Nm)
Max axial thrust	1150 (daN)	1500 (daN)		1500 (daN)	1500 (daN)
Speed rotation output	150 (°/s)	150 (°/s)		150 (°/s)	150 (°/s)
Stroke time of 180° *1	5,3 (s)	4,9 (s)	5,3 (s)	4,7 (s)	4,8 (s)
Acceleration time *1	0,60 (s)	0,75 (s)		0,75 (s)	0,75 (s)
Repeatability 500 mm from the rotation axis	± 0,15 (mm)	0.16 (mm)		0.16 (mm)	0.20 (mm)
Motors	AC brushless				
Control system	C5G Control Unit with integration of the optional additional axes				
Protection class	IP65				
Operating environment temperature	from 0 to +45 °C				
Storage temperature	from - 25°C to +55 °C				
Colour (standard)	RAL 9006 Silver or - RAL 9006 Black				
TR installed	TR1000	TR3000			TR4500
Modules MP installed on	MP500	MP1000			
Available Outfittings	Profinet Outfitting for arc welding of distributor idle flange	Profinet arc welding outfitting (CR18661480 - CR18664280) for oscillating idle flange or idle flange with radial bearing			
Installable idle flange assembly	Idle flange swivel assembly (CR82028000); Idle flange assembly with radial bearing (CR82036300); Idle flange assembly with rotary distribution (CR82034100)				