

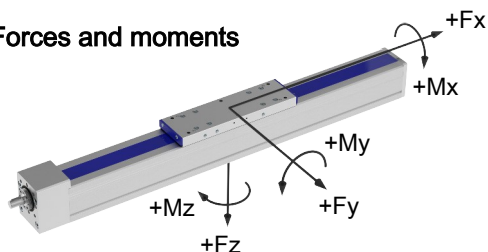
[illegible]

Mounting elements
see page B50

SSS

Max. speed:	2.50 m/s
Max. acceleration:	20 m/s ²
Repeat accuracy:	± 0.03 mm (KGT)
Idle torque:	1.50 Nm

KG T



Max. rotation speed: 3000 min⁻¹
Diameter: 25 mm
Pitch: 5 / 10 / 25 / 50 mm
Moment of inertia: 2.25 • 10⁻⁴ kgm²/m

	SSS
Forces	Dynamic [N]
F_x	6000
F_y	3200
F_z	7500
-F_z	5000
Moments	Dynamic [Nm]
M_x	600
M_y	1200 (1700)
M_z	1200 (1700)

The graph plots Rotation speed [min⁻¹] on the y-axis (0 to 3000) against Total length [mm] on the x-axis (0 to 5500). Five curves are shown for different numbers of segments (SA): 0 SA, 2 SA, 4 SA, 6 SA, and 8 SA. The curves show that for a fixed total length, the rotation speed decreases as the number of segments increases. Conversely, for a fixed rotation speed, the total length increases as the number of segments increases.

Total length [mm]	0 SA [min ⁻¹]	2 SA [min ⁻¹]	4 SA [min ⁻¹]	6 SA [min ⁻¹]	8 SA [min ⁻¹]
1000	3000	-	-	-	-
1500	1500	3000	-	-	-
2000	1000	2000	3000	-	-
2500	750	1500	2000	3000	-
3000	600	1200	1500	2000	3000
3500	500	1000	1200	1500	2000
4000	450	850	1000	1200	1500
4500	400	750	850	1000	1200
5000	350	650	750	850	1000
5500	300	550	650	750	850

Version with double nut ("MM") only available with long carriage (500) and not with pitch "50".