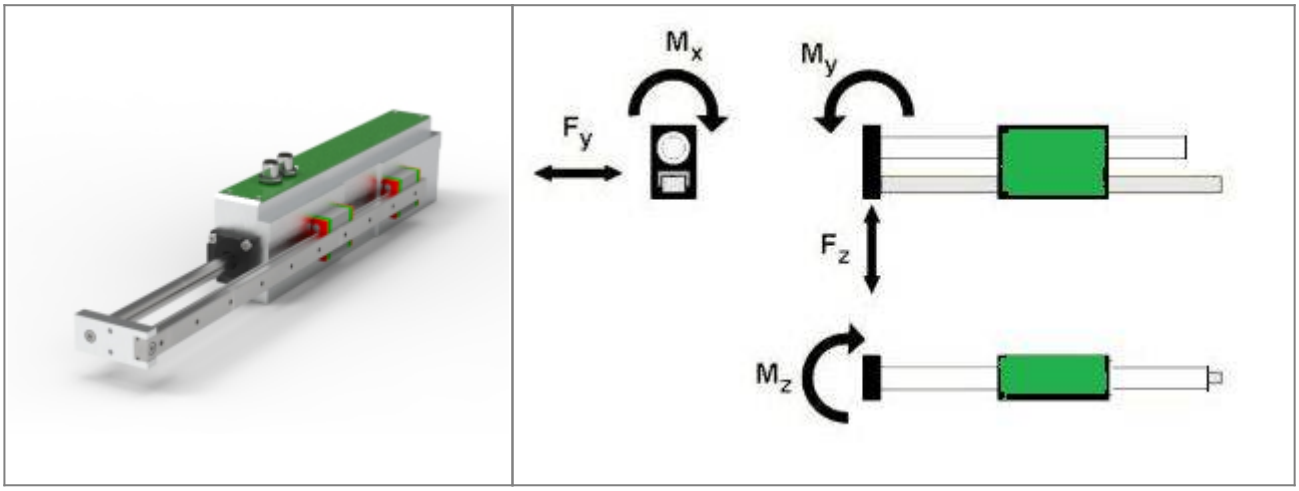
Antirotation mechanics



Force and momentum ratings

Parameter	NL080Q/X	NL120Q/X
Fy [N]	58	248
Fz [N]	58	248
Mx [Nm]	8	44
My [Nm]	14	77
Mz [Nm]	14	77
Lifespan [km]	> 50.000	> 90.000
Note that this lifespan is considering a lubrication interval of 5000 Km each 6 months. Theoretical value calculated considering miniature linear guide size 9 and size 12.		

Bending rating

Extension [mm]	60	160	260
Bending [mm] per motor size	**NL080Q/X**		
Fz = 2.5 N	0.005	0.09	0.40
Fz = 5 N	0.011	0.016	0.70
Fz = 10 N	0.023	0.35	1.45
Bending [mm] per motor size	**NL120Q/X**		
Fz = 5 N	0.004	0.081	0.34
Fz = 10 N	0.012	0.151	0.65
Fz = 20 N	0.021	0.300	1.31

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