



Data sheet torque restrictor

Torque restrictor Design	Type	Torques to be transferred	max. permissible power loss	Moment of inertia		Weight
			Pv (W)	J (kgm ²) exterior rotor	J (kgm ²) interior rotor	kg
S	LC 00	0.5-3.5 Ncm ¹⁾	4	2×10^{-6}	10^{-6}	0.046
E	LC 0	2-6 Ncm	10	23×10^{-6}	0.6×10^{-6}	0.13
	LC 1	5-15 Ncm				
	LC 3	12-30 Ncm				
	LC 10	30-100 Ncm	28	370×10^{-6}	25×10^{-6}	0.7
LC 20	20-200 Ncm					
I	LC 50	200-600 Ncm	80	7000×10^{-6}	220×10^{-6}	4.5
		LC 100				
I	LC 150	5-15 Nm	600	120×10^{-3}	23×10^{-3}	13.0

¹⁾ factory setting only

The magnetic field is created by a permanent magnet.

The torque setting is made by a mechanical adjusting collar (magnetic by-pass).

In order not to get a magnetic leakage flux but a good heat dissipation, there should be used non-ferrous metals when installing or attaching auxiliary components.

