

lean SL® series Technical Data

		Unit	SL 5.0	SL 5.1	SL 5.3
Lifting force	F_{max}	N	800	2000	8000
Lifting speed	v_{max}	m/s	0,6	0,6	0,6
Acceleration	a_{max}	m/s^2	30	30	30
Torque	M_{max}	Nm	8	40	240
Pitch diameter	$\varnothing T_k$	mm	20	40	60
Gear ratio	Stroke	mm/360°	62,8318	125,6637	188,4955
Efficiency	η		0,8	0,8	0,8
Temperature resistance	t	°C	-10 to +100	-10 to +100	-10 to +100
Static torque	$M_{t_x stat.}$	Nm	0	0	0
Dynamic torque	$M_{t_x dyn.}$	Nm	0	0	0
	$M_{t_y stat.}$	Nm	200	400	2000
	$M_{t_y dyn.}$	Nm	18	22	150
	$M_{t_z stat.}$	Nm	500	1000	4000
	$M_{t_z dyn.}$	Nm	50	110	700

