

lifgo® Series • Technical Data



lifgo®



lifgo® linear



lifgo® double



lifgo® linear double



Make sure that the article number refers to the correct pinion shaft version.



PW



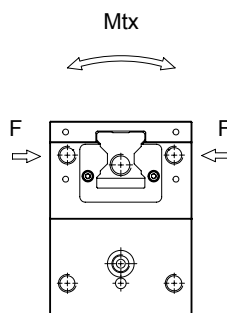
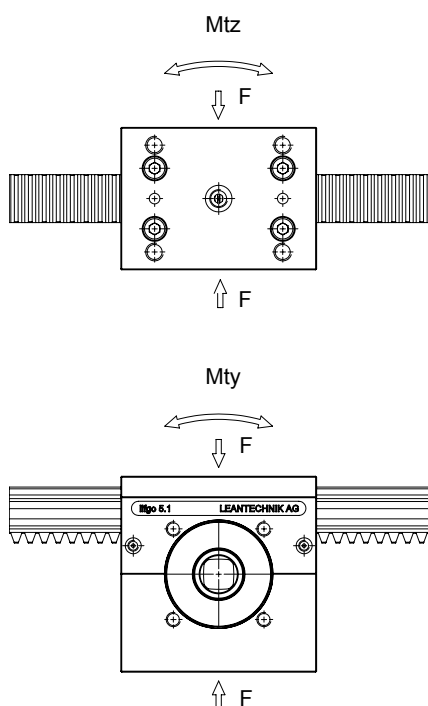
ZA 1



ZA 2



PFN



! The technical data on this page apply to all versions of the lifgo®series (lifgo®, lifgo® linear, lifgo® double, lifgo® linear double).

! **Breakaway force for new, unlubricated gear rack guides is 30N per lifgo® unit. This value drops to near zero after the run-in phase.**

! The pretensioning of guide cars is 2%.

lifgo®-series technical data		Unit	5.0	5.1	5.2	5.3	5.4
Lifting power	F _{max}	N	2000	3800	10300	15900	25000
Lifting speed	V _{max}	m/s	3	3	3	3	3
Acceleration	a _{max}	m/s ²	50	50	50	50	50
Torque	M _{max}	Nm	20	76	258	477	1000
Pitch diameter	Ø Tk	mm	20	40	50	60	80
Lifting gear ratio	Hub	mm/360°	62,8318	125,6637	157,0796	188,4955	251,3274
Efficiency	h		0,92	0,92	0,92	0,92	0,92
Temperature resistance	t	°C	+80	+80	+80	+80	+80
Static torque	M _{tx} stat.	Nm	570	760	2000	4400	5500
Dynamic torque	M _{tx} dyn.	Nm	280	390	1060	2200	2800
	M _{ty} stat.	Nm	380	650	1490	3300	3300
	M _{ty} dyn.	Nm	180	330	790	1600	1600
	M _{tz} stat.	Nm	380	650	1490	3300	3300
	M _{tz} dyn.	Nm	180	330	790	1600	1600
Static load rating	F stat.	N	38400	51200	90600	161400	161400
Dynamic load rating	F dyn.	N	19100	25900	48400	79600	79600