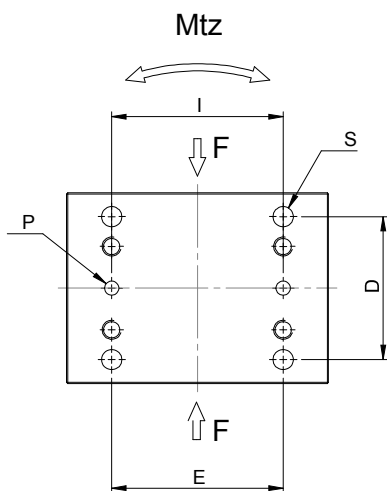
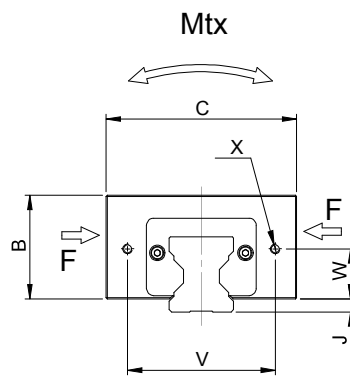
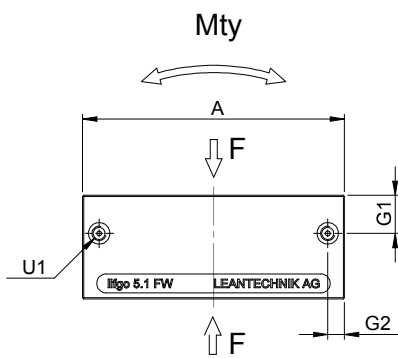


3.1.3.8 lifgo® guide car 5.0 – 5.3 • Dimension sheet

Guide cars provide support and guidance, and fit on both guide rails and gear rack rails within a size category.





Note the static and dynamic load ratings when configuring the components. They are identical to those for the lifgo® gearboxes (see Page 51).

Ensure that the lube holes remain accessible after assembly.

lifgo® guide car	Unit	5.0	5.1	5.3	
A	mm	80	110	180	
B	mm	31,5	43,5	71	
C	mm	70	80	130	
D	mm	55	60	105	
E	mm	50	72	120	
G1	mm	7,5	16	21,5	
G2	mm	7	7	13	
Dowel holes	I	mm	44	72	120
J	mm	3,5	5,5	5	
P	mm	∅ 6 H7 ↓4	∅ 6 H7 ↓5	∅ 6 H7 ↓6	
S	mm	M8 ↓20 ∅ 6,8 through	M10 ↓25 ∅ 8,5 through	M12 ↓35 ∅ 10,2 through	
U1	mm	M6 ↓5	M6 ↓5	M6 ↓5	
V	mm	58	62	100	
W	mm	18	21	43	
X	mm	M4 ↓8	M4 ↓8	M4 ↓8	
Lifting speed	v _{max}	m/s	3	3	3
Acceleration	a _{max}	m/s ²	50	50	50
Static torque	M _{t, stat.}	Nm	570	760	4400
Dynamic torque	M _{t, dyn.}	Nm	280	390	2200
	M _{t, stat.}	Nm	380	650	3300
	M _{t, dyn.}	Nm	180	330	1600
	M _{t, stat.}	Nm	380	650	3300
Static load ratings	M _{t, dyn.}	Nm	180	330	1600
	F stat.	N	38400	51200	161400
Dynamic load ratings	F dyn.	N	19100	25900	79600
Weight		kg	0,80	2,10	9,10

Article number	5.0	5.1	5.3
lifgo® guide cars	500 097	500 098	500 099