

3.1.2.3 lifgo® linear 5.0 – 5.3 • Dimension sheet



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



PW



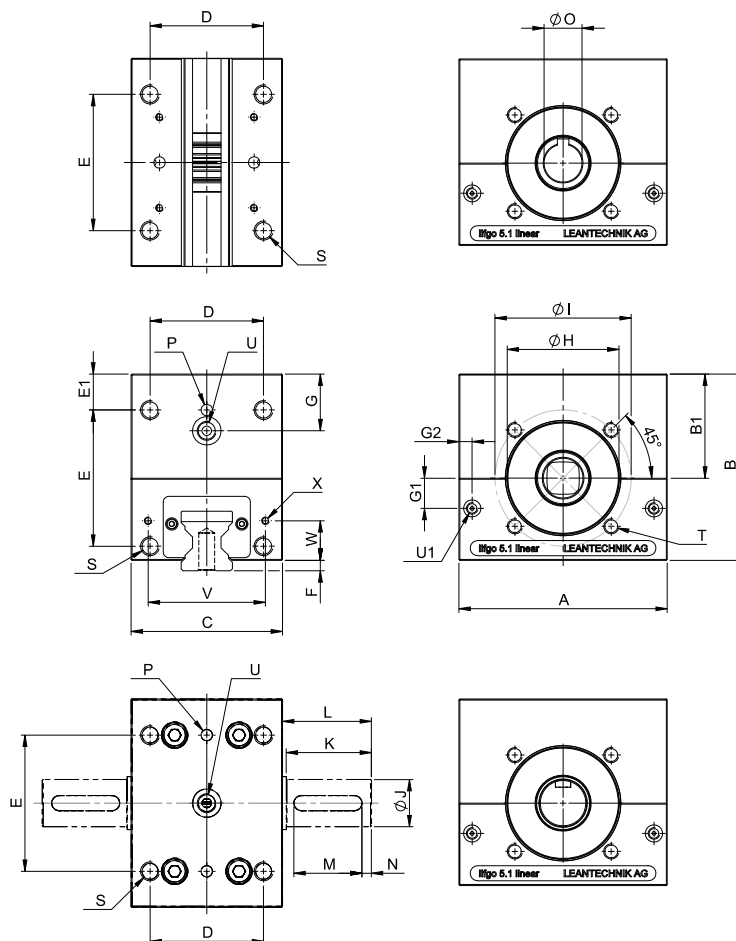
ZA 1



ZA 2



PFN



! lifgo® linear is used for long stroke lengths, with a fixed gear rack.

! If the gearbox is fixed and the gear rack is freely moveable, then it can be reinforced with profiles.

lifgo® linear		Unit	5.0	5.1	5.3
	A	mm	80	110	180
	B	mm	71,5	98,5	161
	B1	mm	40	55	90
	C	mm	70	80	130
	D	mm	55	60	105
	E	mm	50	72	120
	E1	mm	15	19	30
	F	mm	3,5	5,5	5
	G	mm	26	30	55
	G1	mm	7,5	16	21,5
	G2	mm	7	7	13
Centering flange (if used, remove sealing ring)	H	mm	Ø 38,5 H7 ↓ 2	Ø 59 H7 ↓ 3	Ø 92 H7 ↓ 3
Key DIN 6885 P9	I	mm	Ø 48	Ø 72	Ø 110
	J	mm	Ø 14 h7	Ø 25 h7	Ø 42 h7
	K	mm	30	45	60
	L	mm	32	47	62
	M	mm	25	36	50
Key DIN 6885 P9	N	mm	2	5	5
	O	mm	Ø 10 H7	Ø 20 H7	Ø 35 H7
	P	mm	Ø 6 H7 ↓ 10	Ø 6 H7 ↓ 10	Ø 6 H7 ↓ 10
	S	mm	M8 ↓ 25 Ø 6,8 through	M10 ↓ 25 Ø 8,5 through	M12 ↓ 35 Ø 10,2 through
	T	mm	M6 ↓ 8	M8 ↓ 10	M10 ↓ 20
Lube hole	U	mm	M10x1 ↓ 10	M10x1 ↓ 10	M10x1 ↓ 10
Lube hole	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
Weight PW		kg	1,20	2,95	13,25
Weight ZA 1		kg	1,31	3,30	15,10
Weight ZA 2		kg	1,35	3,47	15,76
Weight PFN		kg	1,25	2,92	13,46

Article number	5.0	5.1	5.3
lifgo® linear PVV	500 033	500 034	500 035
lifgo® linear ZA 1	500 037	500 038	500 039
lifgo® linear ZA 2	500 041	500 042	500 043
lifgo® linear PFN	500 045	500 046	500 047