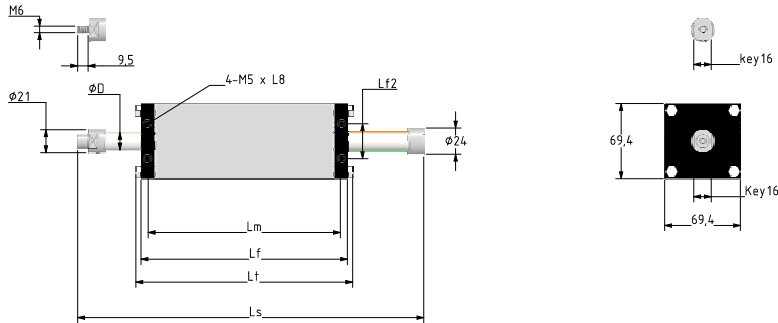
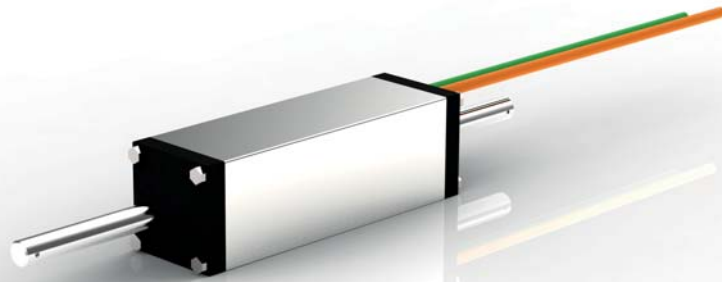
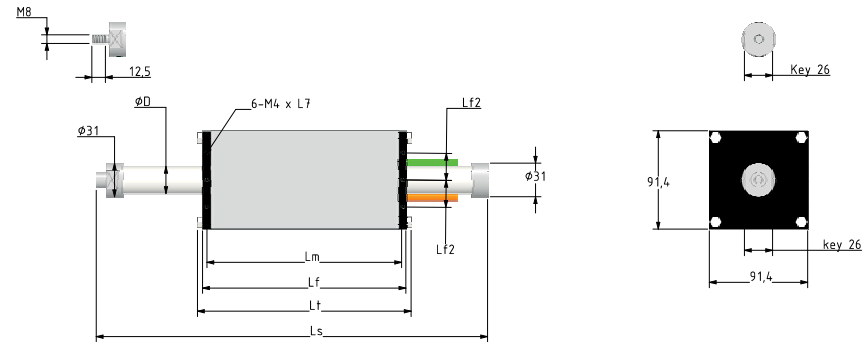


# GDH 160



# GDH 250



Motor Code | Motortyp | Codice Motore

Parameter name		Unit	Symbol	GDH160D	GDH160T	GDH160Q	GDH250DS	GDH250TS	GDH250XS	Simbolo	Unità	Parameter	Nome Parametro	
Mechanical	Rated Force	N	Fr	9,3	13,1	17,5	24,9	34,4	68,6	Fr	N	Dauer - Vorschubkraft	Forza continuativa	
		lbf		2,08	2,94	3,94	5,60	7,73	15,42		lbf			
	Peak Force	N	Fp	37,09	52,36	70,15	100	138	274	Fp	N	Spitzen - Vorschubkraft	Forza di picco	
		lbf		8,34	11,77	15,77	22,41	30,93	61,70		lbf			
	Actuator length	mm	Lm	159	189	219	156	186	336	Lm	mm	Gehäuselänge	Lunghezza attuatore	
		inches		6,26	7,44	8,62	6,14	7,32	13,23		inches			
	Actuator Length + screws	mm	Lt	168	198	228	154	184	360	Lt	mm	Gehäuselänge + Schrauben	Lunghezza attuatore + viti	
		inches		6,61	7,80	8,98	6,06	7,24	14,17		inches			
	Horizontal Fixing Holes pitch	mm	Lf	146	176	206	130	160	350	Lf	mm	Befestigungsbohrbild horizontal	Passo fori fissaggio orizzontale	
		inches		5,75	6,93	8,11	5,11	6,30	13,78		inches			
Vertical Fixing Holes pitch	mm	Lf2	32	32	32	25	25	25	Lf2	mm	Befestigungsbohrbild vertikal	Passo fori fissaggio verticale		
	inches		1,26	1,26	1,26	0,98	0,98	0,98		inches				
Slider diameter	mm	D	16	16	16	25	25	25	D	mm	Läuferdurchmesser	Diametro albero		
	inches		0,63	0,63	0,63	0,98	0,98	0,98		inches				
Slider Length	mm	Ls	Lslider + 10			Lslider + 10			Ls	mm	Läuferlänge	Lunghezza slider		
	inches		Lslider + 0,394			Lslider + 0,394				inches				
Electrical	Pole pitch	mm	2p	60	60	60	60	60	60	2p	mm	Polabstand	Passo polare	
		inches		2,36	2,36	2,36	2,36	2,36	2,36		inches			
	Force constant	N/A	Fc	17	24	33	26	39	52	Fc	N/A	Kraftkonstante	Costante di forza	
		lbf/A		3,83	5,40	7,43	5,85	8,78	11,70		lbf/A			
	Rated Current	A	Ir	0,55	0,55	0,53	0,96	0,88	1,32	Ir	A	Stromstärke	Corrente continuativa	
	Back EMF	V <sub>rms</sub> /m/s	BEMF		7,09	10,63	14,44	9	13,5	17	BEMF	V <sub>rms</sub> /m/s	Gegen-EMK Konstante	Forza contro elettromotrice
		V <sub>rms</sub> /in/s			1,575	2,36	3,21	2	3	3,78		V <sub>rms</sub> /in/s		
	Phase resistance	ohm			29	44	57	9,6	14,7	8,5		ohm	Phasenwiderstand	Resistenza di fase
	Phase inductance	mH			18	27	36	17,5	26	9		mH	Phaseninduktivität	Induttanza di fase
	Position repeatability	mm			0,05	0,05	0,05	0,05	0,05	0,05		mm	Wiederholgenauigkeit der Position	Ripetibilità di posizionamento
inches				0,002	0,002	0,002	0,002	0,002	0,002		inches			