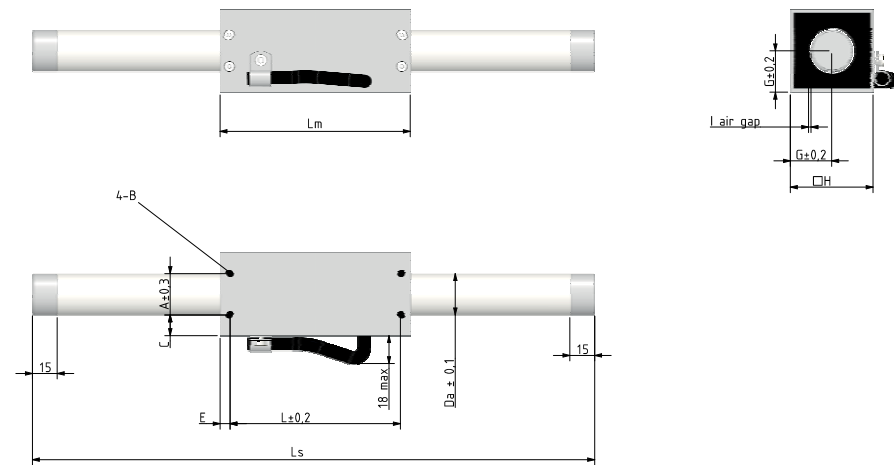
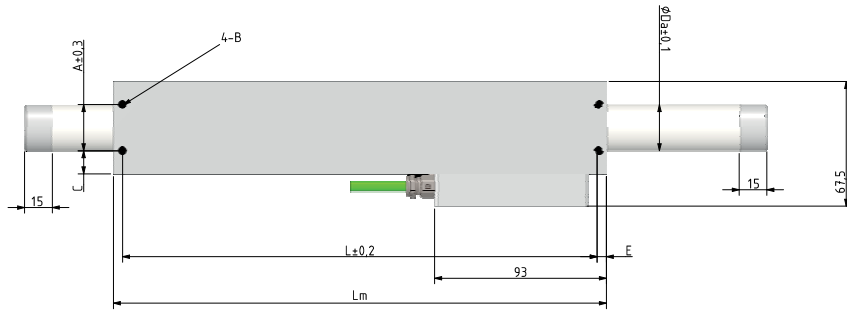


# N 250 DS | TS | QS | XS



Motor Code	A	B	C	D	Da	E	Lm	G	H	I
	mm									
N250DS	25	M4 x L6	12,5	73	25	5	87	25	50	0.75
N250TS	25	M4 x L6	12,5	103	25	5	117	25	50	0.75
N250QS	25	M4 x L6	12,5	135	25	5	147	25	50	0.75
N250XS	25	M4 x L6	12,5	257	25	5	267	25	50	0.75

Motor Code | Motortyp | Codice Motore

Parameter name		Unit	Symbol	N250 DS	N250 TS	N250 QS	N250 XS	Simbolo Symbol	Unità Einheit	Parameter	Nome Parametri
Mechanical	Rated force	N	Fr	23	33	43	91	Fr	N	Nennkraft	Forza continuativa
		lbf		5,17	7,42	9,67	20,46		lbf		
	Peak force	N	Fp	149,5	214,5	279,5	591,5	Fp	N	Spitzenkraft	Forza di picco
		lbf		33,61	48,22	62,83	132,97		lbf		
	Actuator length	mm	Lm	83	113	145	267	Lm	mm	Gehäuselänge	Lunghezza attuatore
		inches		3,27	4,45	5,71	10,51		inches		
Slider length	mm	Ls	Stroke + 83	Stroke + 113	Stroke + 145	Stroke + 267	Ls	mm	Läuferlänge ohne Stopp	Lunghezza albero senza stop	
	inches		Stroke + 3,27	Stroke + 4,45	Stroke + 5,71	Stroke + 10,51		inches			
Slider weight	Kg/m	W	3,50	3,50	3,50	3,50	W	Kg/m	Läufergewicht	Peso albero	
	lbf/m		7,90	7,90	7,90	7,90		lbf/m			
Slider diameter	mm	D	25	25	25	25	D	mm	Läuferdurchmesser	Diametro albero	
	inches		0,98	0,98	0,98	0,98		inches			
Pole pitch	mm	2p	60	60	60	60	2p	mm	Polabstand	Passo polare	
	inches		2,36	2,36	2,36	2,36		inches			
Force constant	N/A	Fc	49	71	108	113	Fc	N/A	Kraftkonstante	Costante di forza	
	lbf/A		11,03	15,900	24,190	25,43		lbf/A			
Rated current	A	Ir	0,47	0,47	0,4	0,81	Ir	A	Stromstärke	Corrente continuativa	
	V <sub>ms</sub> /m/s		28,2	45,5	61,4	63,2		V <sub>ms</sub> /m/s			
Back EMF	V <sub>ms</sub> /in/s	BEMF	1,11	1,79	2,42	2,49	BEMF	V <sub>ms</sub> /in/s	Gegen-EMK Konstante	Forza controlettromotrice	
	ohm		42,45	62	82	41,7		ohm			
Phase resistance	ohm		42,45	62	82	41,7		ohm	Phasenwiderstand	Resistenza di fase/fase	
Phase inductance	mH		23,82	40,4	51	22,4		mH	Phaseninduktivität	Induttanza fase/fase	
Position repeatability	mm		0,05	0,05	0,05	0,05		mm	Wiederholgenauigkeit der Position	Ripetibilità di posizionamento	
	inches		0,002	0,002	0,002	0,002		inches			