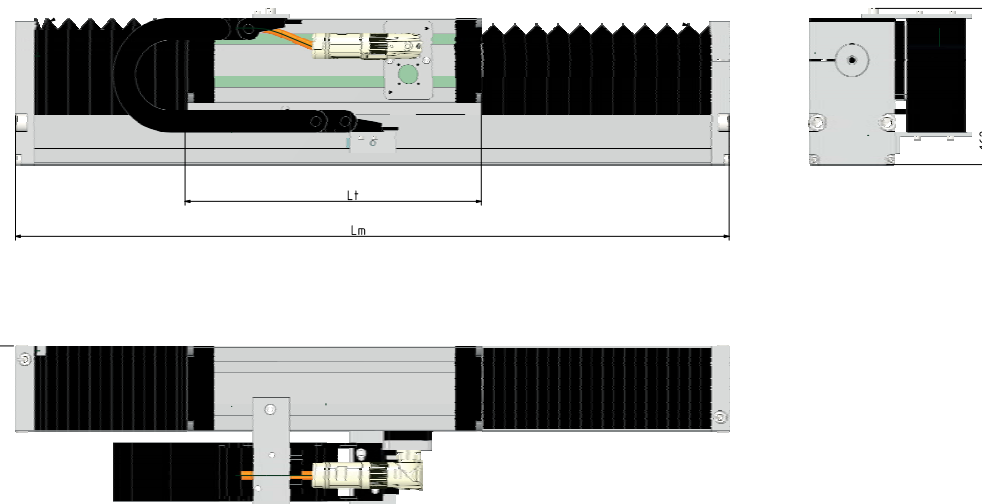
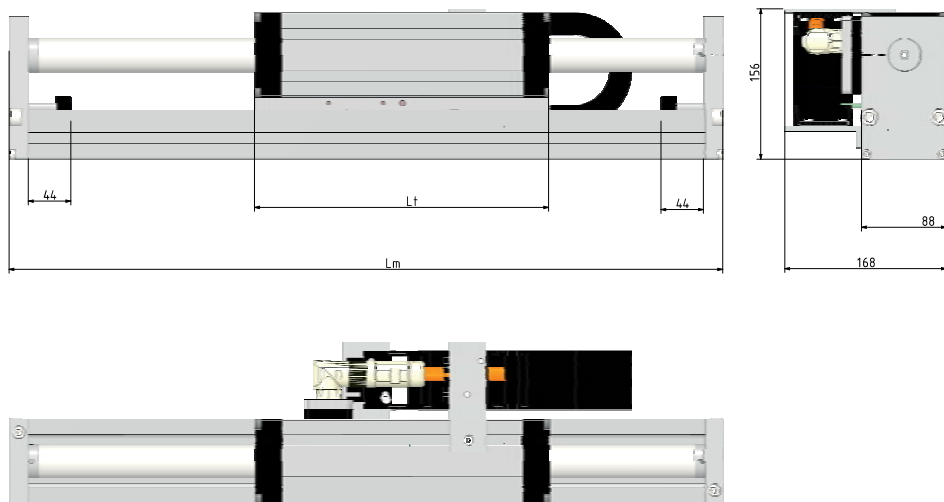


GDM 350 DS | TS | XS



Motor Code | Motortyp | Codice Motore

Parameter name		Unit	Symbol
Mechanical	Rated force	N	Fr
		lbf	
	Peak force	N	Fp
		lbf	
	Carriage length	mm	Lt
		inches	
	Module length	mm	Lm
		inches	
	Slider diameter	mm	D
		inches	
Electrical	Pole pitch	mm	2p
		inches	
	Force constant	N/A	Fc
		lbf/A	
	Rated current	A	Ir
	Back EMF	V _{rms} /m/s	BEMF
		V _{rms} /in/s	
	Phase resistance	ohm	
	Phase inductance	mH	
	Position	mm	
	Repeatability	inches	

GDM250XS
109,0
24,50
708,5
159,27
305
13,39
Stroke + 305
Stroke + 13,39
25
5,62
60
2,36
52
11,70
2,1
32,35
1,27
10,6
16,5
0,05
0,002

GDM350XS
191,0
42,94
1241,5
279,09
305
14,80
Stroke + 305
Stroke + 14,80
35
7,87
60
2,36
73
16,43
2,61
42,4
1,67
7,65
7,5
0,05
0,002

GDM350ES
269,0
60,47
1748,5
393,06
502
19,76
Stroke + 502
Stroke + 19,76
35
7,87
60
2,36
75
16,88
3,57
43,6
1,72
5,25
4,9
0,05
0,002

Simbolo Symbol	Unità Einheit	Parameter	Nome Parametri
Fr	N	Nennkraft	Forza continuativa
	lbf		
Fp	N	Spitzenkraft	Forza di picco
	lbf		
Lt	mm	Wagenlänge	Lunghezza carro
	inches		
Lm	mm	Modullänge	Lunghezza modulo
	inches		
D	mm	Läuferdurchmesser	Diametro albero
	inches		
2p	mm	Polabstand	Passo polare
	inches		
Fc	N/A	Kraftkonstante	Costante di forza
	lbf/A		
Ir	A	Stromstärke	Corrente continuativa
BEMF	V _{rms} /m/s	Gegen-EMK Konstante	Forza contro elettromotrice
	V _{rms} /in/s		
	ohm	Phasenwiderstand	Resistenza di fase/fase
	mH	Phaseninduktivität	Induttanza fase/fase
	mm	Wiederholgenauigkeit der Position	Ripetibilità
	inches		di posizionamento