

Linear Direct Drive Type FLX

Description

Highly dynamic linear motor series with high positioning precision and the possibility for the synchronization of several motors.

- Overload capacity up to ~5 times the rated current
- Measuring system with 1 micron resolution



Possible use:

- Testing machines for high forces and strokes
- Machining machines with high accelerations
- Active vibration reduction in high-rise buildings
- Active vibration excitation

Technical Data			FL 4-2-45-360 SL	FL 3-4-45-360 SL	FL 150-1248-10 SL
Typ					
Peak Force	F_{\max}	N	13400	22200	35000
Rated Force	F_N	N	3400	5100	5000
Peak Current	I_{\max}	A	40	40	40
Rated Current	I_N	A	10	10	10
Length	l_p	mm	890	1500	2800
Width	w_p	mm	235	180	180
Height	h_s	mm	310	310	310