

→ Primary part / 3 phases

			SLME-025-244-000	SLME-050-244-000	SLME-075-244-000	SLME-100-324-000
Pole length	2p	[mm]	32	32	32	32
Motor resistance	R_{U-V}	[Ω] at 25 °C	2.2	3.4	4.6	4.3
Motor inductance	L_{U-V}	[mH]	1.2	2.0	2.8	2.7
Peak force	F_{max}	[N]	164	328	492	650
Peak current	I_{max}	[A_{RMS}]	14.0	14.0	14.0	14.0
Continuous force	F_{Cont}	[N]	39	80	120	200
Continuous current	I_{Cont}	[A_{RMS}]	3.4	3.4	3.4	4.2
Max. DC link voltage	U_{DClink}	[V_{DC}]	560	560	560	560
Force constant	k_F	[N/A_{RMS}]	11.8	23.5	35.3	47.1
Voltage constant	k_E	[Vs/m]	6.8	13.6	20.4	27.2
Mass of primary part	m	[kg]	0.55	0.8	1.00	1.63

No magnetic pull. Operating temperature range 0 ... +40 °C.

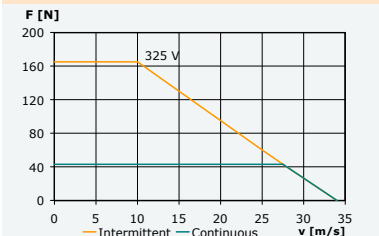
→ Dimensions [mm]	L_p	D_p	H	n
SLME-025-244-000	244	56	65	5 x 40
SLME-050-244-000	244	81	90	5 x 40
SLME-075-244-000	244	106	125	5 x 40
SLME-100-324-000	324	131	150	7 x 40

→ Motor cable	Cable wire	Signal	Cable wire	Signal
Note: Before operation of ironless linear motors series SLME connect-up the protective earth conductor (PE cable, green/yellow).	1	U	gn/ye	PE
	2	V	bare	shield
	3	W	Cable length approx. 0.5 m, motor cable diameter approx. 6.2 mm	

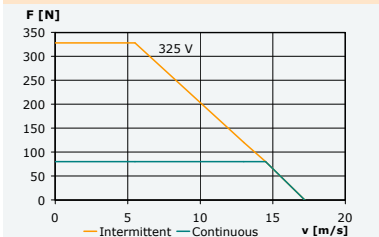
→ Thermal switch cable Wire colours brown and white: thermal switch 130 ± 5 °C configured as opener. Cable length approx. 0.5 m, ϕ approx. 5.0 mm

→ Secondary part	D_s	L_s	m	B	Mass
MSE-025-0128-000	45	128	1 x 64	32	0.9 kg
MSE-025-0256-000	45	256	3 x 64	32	1.8 kg
MSE-025-0512-000	45	512	7 x 64	32	3.6 kg
MSE-050-0128-000	70	128	1 x 64	32	1.3 kg
MSE-050-0256-000	70	256	3 x 64	32	2.6 kg
MSE-050-0512-000	70	512	7 x 64	32	5.2 kg
MSE-075-0128-001	105	128	1 x 64	36	2.5 kg
MSE-075-0256-001	105	256	3 x 64	36	5.0 kg
MSE-075-0512-001	105	512	7 x 64	36	10.0 kg
MSE-100-0128-001	130	128	1 x 64	38	3.3 kg
MSE-100-0256-001	130	256	3 x 64	38	6.6 kg
MSE-100-0512-001	130	512	7 x 64	38	13.2 kg

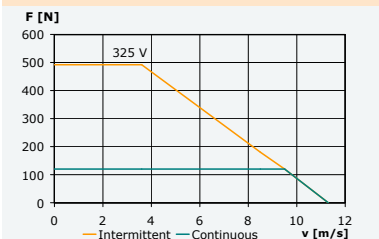
→ Characteristic SLME-025-244-000



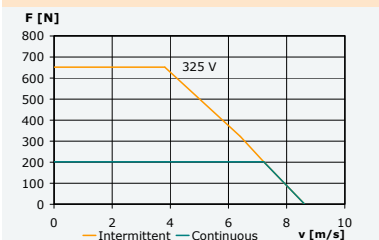
→ Characteristic SLME-050-244-000



→ Characteristic SLME-075-244-000



→ Characteristic SLME-100-324-000



All characteristics with ECOVARIO® 414 servo amplifier



