

Model	Units	AVM 130-HF-25
Stroke	mm	25
Force sensitivity (at mid stroke)	N/A	54.6
Back EMF constant	V/m/s	54.6
Continuous force (at 100 °C) ¹	N	360.4
Peak force	N	764.4
Resistance ²	ohms	1.48
Inductance ²	mH	1.70
Voltage at peak force	V	20.7
Continuous current (coil at 100 °C)	A	6.60
Peak current	A	14.00
Actuator constant	N/SqRt(W)	44.88
Continuous power	W	64.47
Electrical time constant	ms	1.149
Mechanical time constant	ms	0.769
Clearance of coil	mm	0.55
Power at peak force	W	290.1
Thermal dissipation constant	W/°C	0.860
Max coil temperature	°C	100.0
Coil assembly mass	g	1550.00
Core assembly mass	g	9300.00

1. Continuous force measured without any additional mounting plate or heat sink on coil
2. measured at 25 °C

AVM130-HF-25

