

Model	Units	AVM60-HF-10
Stroke	mm	10
Force sensitivity (at mid stroke)	N/A	32.00
Back EMF constant	V/m/s	32.00
Continuous force (at 100 °C) ¹	N	51.20
Peak force	N	224.0
Resistance ²	ohms	5.9
Inductance ²	mH	4.01
Voltage at peak force	V	41.4
Continuous current (coil at 100 °C)	A	1.60
Peak current	A	7.00
Actuator constant	N/SqRt(W)	13.16
Continuous power	W	15.13
Electrical time constant	ms	0.679
Mechanical time constant	ms	1.365
Clearance of coil	mm	0.70
Power at peak force	W	289.6
Thermal dissipation constant	W/°C	0.202
Max coil temperature	°C	100.0
Coil assembly mass	g	236.5
Core assembly mass	g	997.0

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

AVM60-HF-10

