

series

SM155

**STEP MOTOR 25L48B09
with 155 gearbox**

- High Torque
- Low noise
- Small size



TECHNICAL DATA

Motor Step Angle	7,5°	full step	Nominal voltage	12V
Number of Phases	2	bipolar	Driver voltage range	3,6 - 36V
Insulation resistance	100 MΩ	500Vdc	Max axial/radial shaft load	5N/10N
Insulation class	E		Max allowed torque	25 Ncm
Coil Resistance/Induction	9Ω/10mH		Max current (continuous)	250 mA
Max temp. (motor housing)	60 °C		Max current (intermittent)	500 mA
Rec. temp. (motor housing)	35 - 45 °C		Operating temperature	-25 °C/+65 °C
			Approx. weight	60g

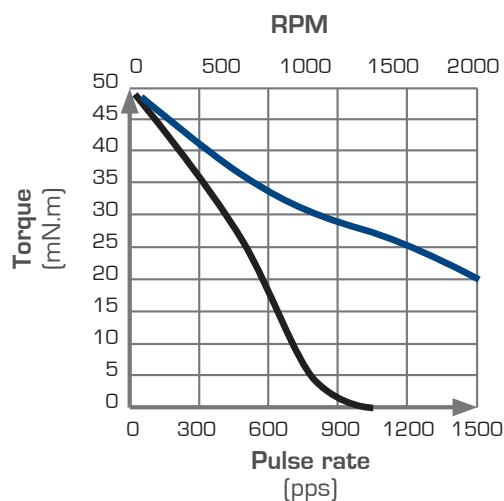
PART NUMBER	Ratio (x:1)	Length mm	Holding Torque mNm	Max Speed (ref.) RPM
SM155.25L.10	10	39,5	400	150
SM155.25L.21	20,8	39,5	400	72
SM155.25L.43	43,3	44,5	400	35
SM155.25L.90	90,3	44,5	400	17

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Motor Dynamic Torque Curves 24V/0,5A

Conditions: Bi-polar Constant Current Driver
Driver: AMIS 30522
Mode: Full Step

— Pull in torque — Pull out torque



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Mechanical dimensions

