

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 Phase	2	bipolar	Voltage driver	3,6 - 36V
Insulation resistance	100 MΩ	500Vdc	Max axial/radial shaft load	5N/10N
Insulation class	E		Max allow torque	25 Ncm
Coil Resistance/Inductance	9Ω/10mH		Max current (continuous)	250 mA
Max temp. (motor housing)	60 °C		Max current (non-contin.)	500 mA
Racc. temp (motor housing)	35 - 45 °C		Operating temp.	-25 °C/+65 °C

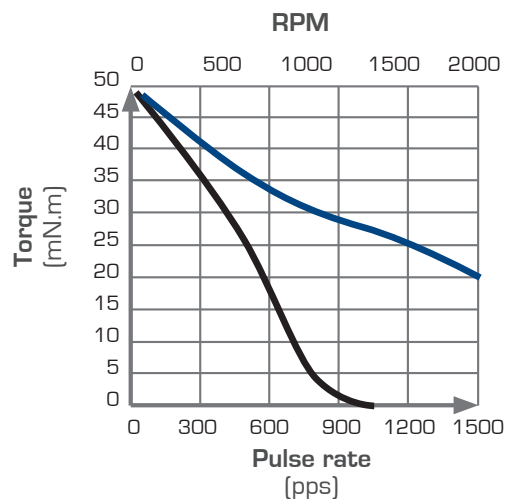
PART NUMBER	Ratio (x:1)	Length mm	Holding Torque mNm	Max Speed (ref.) RPM
SM155.25L.10	10	39,5	400	150
SM155.25L.21	20,8	39,5	400	72
SM155.25L.43	43,3	44,5	400	35
SM155.25L.90	90,3	44,5	400	17

SM155

**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



# SM155

## Mechanical dimensions

