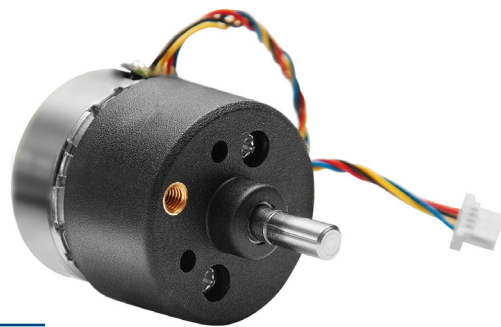


TECHNICAL DATA

series

SM149

**STEP MOTOR 25T48B23
with 149 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	9,2 - 36V
Insulation resistance	100 MΩ	500Vdc	Max axial/radial shaft load	5N/10N
Insulation class	E		Max allowed torque	20 Ncm
Coil Resistance/Induction	23Ω/9mH		Max current (continuous)	150 mA
Max temp. (motor housing)	60 °C		Max current (intermittent)	400 mA
Rec. temp. (motor housing)	35-45 °C		Operating temperature	-20 °C/+65 °C
			Approx. weight	40g

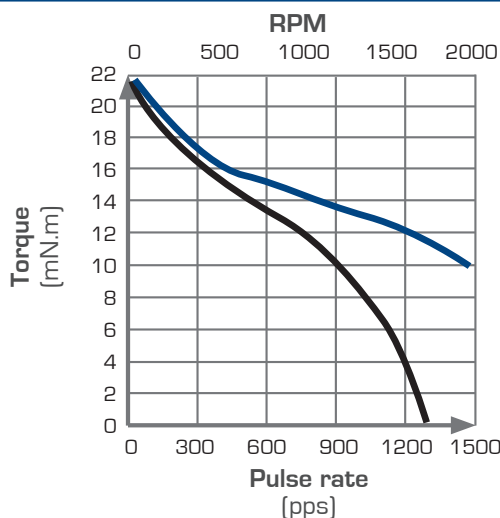
PART NUMBER	Ratio (x:1)	Length mm	Holding Torque mNm	Max Speed (ref.) RPM
SM149.25T.10	10	26	220	150
SM149.25T.21	20,8	26	400	72
SM149.25T.43	43,3	31	400	35
SM149.25T.90	90,3	31	400	17
SM149.25T.188	188	36	400	8
SM149.25T.392	391,8	36	400	4

SM149

Motor Dynamic Torque Curves 24V/0,4A

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

— Pull in torque — Pull out torque



SM149

Mechanical dimensions

