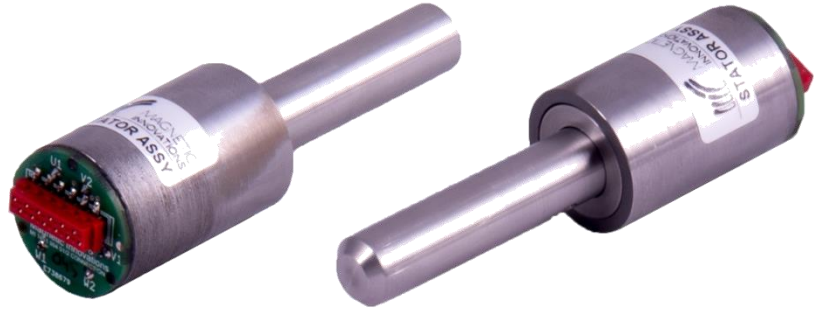


The high speed motor is used in polygon drive applications in industries like the semicon and imaging industry.

Features:

- Runs 60.000rpm
- High efficiency
- High reliability and lifetime
- Maintenance free
- Quiet operation



Technical Data	
Parameter [unit]	Value
OD [mm]	24
Length [mm]	35
Max. shaft OD [mm]	12
Max. dissipation power (with an aluminum interface)	12
K <sub>emf</sub> constant [V <sub>line_peak</sub> /rpm]	0.257
K <sub>m</sub> constant [N.m/A <sub>line_peak</sub> ]	2.93e-3
Phase resistance [Ohm]	0.37
Phase inductance [mH]	0.0347
Steepness [Nm <sup>2</sup> /W]	1.54e-5
Maximum Torque [Nm]	13.6e-3
Maximum tested speed [RPM]	80000
Maximum coil temperature [degrC]	80
Number of pole pairs	1

**Note**

- \* Other dimensions available upon request.
- \* Can be customized