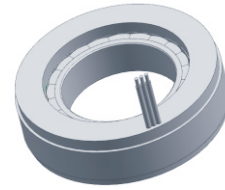


# U8537

## Frameless Torque Motor



MAIN PARAMETERS	Value
Voltage(VDC)	48
Rated Output (W)	846
Rated torque (Nm)	2.69
Instant Max Torque (Nm)	6
Rated Current (Arms)	17
Instant Max Current (Arms)	50
Rated Speed (rpm)	3000
Max Speed (rpm)	4000
Torque Parameter (Nm/Arms)	0.16
Rotor inertia $10^{-4}$ kg.m <sup>2</sup>	1.27
Back EMF coefficient (Vrims/rad/s)	10
Resistance ( $\Omega$ )	0.10
Inductance (mH)	0.22
Pole-pairs number (2P)	10
Weight (kg)	0.736

### Specification & drawing

