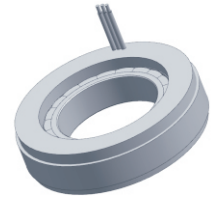


# U9424

## Frameless Torque Motor



MAIN PARAMETERS	Value
Voltage(VDC)	48
Rated Output (W)	644
Rated torque (Nm)	2.05
Instant Max Torque (Nm)	5.02
Rated Current (Arms)	16
Instant Max Current (Arms)	66
Rated Speed (rpm)	3000
Max Speed (rpm)	4000
Torque Parameter (Nm/Arms)	0.13
Rotor inertia $10^{-4}$ kg.m <sup>2</sup>	1.15
Back EMF coefficient(Vrims/rad/s)	9
Resistance ( $\Omega$ )	0.12
Inductance (mH)	0.26
Pole-pairs number (2P)	10
Weight (kg)	0.522

### Specification & drawing

