



Gear Ratio	32.79:1
S2 Torque (15 min) (Nm)	39.2
Torque Constant (Nm/A)	0.0568
Max Torque (Nm)	134.23
Operational Voltage (Volts DC)	24
Nominal Speed at 24 VDC (RPM)	130
Back EMF Constant (V/KRPM)	5.95
Motor Mass (kg)	15.8
Motor Inertia (Armature) (kg.mm <sup>2</sup> )	1129.23
Motor Winding Resistance (Ohms)	0.3
Motor Winding Inductance (μH)	73
Motor Max Winding Temp (°C)	155

Motor Poles	4 Poles
Max Motor Current (A)	100
S2 motor power (15 min) (W)	445
Max Motor Power (Watts)	1,100

Continuous rating based on nominal operating voltage 24 VDC.