

ATLAS™



Servotorq™ Integrated Servo Drive

Part Number

OVU00247



Key Features



Servotorq I



Agility



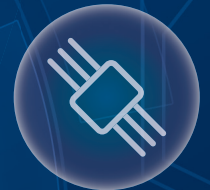
Silence



Accuracy



Easy
Integration



Integrated
Slip Ring

Key Parameters

2.0Nm

TORQUE

48v DC

VOLTAGE

1.2kg

WEIGHT

450°/s

MAX SPEED

Specification

Electrical Specification	
Nominal voltage	48V DC
Current at max torque at 24v	1.12A
Initialisation current	1.12A
Idle, no load, current	30mA
Position command & readback resolution	0.0055°
Maximum speed	450°/s
Min. non-zero speed	0.05°/s
Default acceleration	10,984°/s ²
Control protocol	I ² C
Environmental Specification	
Operational temperature range	-20°C to +70°C

Mechanical Specification	
Weight	1.2kg
Dimensions (Dia.xH)	125.2mm x 98.5mm
Rotor moment of inertia	12,000gcm ²
Stall torque	2.0Nm
Moving torque (at 360°s ⁻¹)	1.7Nm
Perpendicularity	<+/-0.5°
Maximum radial load	550N
Maximum axial load	550N
Bearing type	Deep groove ball bearing (shielded)
Rotation range	Software configurable for continuous or limited rotation
Hollow spindle bore internal dia.	16.5mm

Note: Specifications subject to change without notice.