

ARTEMIS™



Servotorq™ Integrated Servo Drive

Part Number

OVU20005



Key Features



Servotorq II



Agility



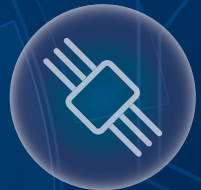
Silence



Accuracy



Easy
Integration



Integrated
Slip Ring

Key Parameters

3.0Nm

TORQUE

48v DC

VOLTAGE

1.3kg

WEIGHT

720°/s

MAX SPEED

Specification

Electrical Specifications	
Nominal voltage	48V DC
Current at max torque at 24v	1A
Idle, no load, current	32mA
Position command & readback resolution	0.0055°
Maximum speed	720°/s
Min. non-zero speed	0.05°/s
Default acceleration	30,000°/s ²
Control protocol	I ² C
Environmental Specification	
Operational temperature range	-40°C to +70°C

Mechanical Specification	
Weight	1.3kg
Rotor moment of inertia	11,230gcm ²
Stall torque	3.0Nm
Moving torque (at 360°s ⁻¹)	2.4Nm
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.