

MIRANDA™



Servotorq™ Integrated Servo Drive

Part Number

OVU20012



Key Features



Servotorq I



Agility



Silence



Accuracy



Easy Integration

Key Parameters

1.0Nm

TORQUE

24v DC

VOLTAGE

570g

WEIGHT

720°/s

MAX SPEED

Specification

Electrical Specification	
Nominal voltage	24V DC
Current at max torque at 24v	1A
Initialisation current	1A
Idle, no load, current	50mA
Position command & readback resolution	0.007°
Maximum speed	720°/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 +75°C

Mechanical Specification	
Weight	570g
Dimensions (LxWxH)	88mm x 78mm x 30mm
Rotor moment of inertia	2350gcm ²
Stall torque	1.0Nm
Moving torque (at 360°s ⁻¹)	0.85Nm
Maximum radial load	1900N
Maximum axial load	475N
Bearing type	Deep groove ball bearing (shielded)
Rotation range	Software configurable for continuous or limited rotation
Hollow spindle bore internal dia.	16mm

Note: Specifications subject to change without notice.