

TITAN™



Servotorq™ Integrated Servo Drive

Part Numbers

OVU00212 (End Stop)

OVU00213 (Continuous Rotation)



Key Features



Servotorq I



Agility



Silence



Accuracy



Easy Integration

Key Parameters

40mNm

TORQUE

12v DC

VOLTAGE

96g

WEIGHT

720°/s

MAX SPEED

Specification

Electrical Specification	
Nominal voltage	12V DC
Current at max torque at 12v	510mA
Initialisation current	600mA
Idle, no load, current	90mA
Position command & readback resolution	0.0055°
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 +70°C

Mechanical Specification	
Weight	96g
Dimensions (LxWxH)	64.8mm x 56mm x 21.5mm (End-Stop) 64.8mm x 56mm x 18.5mm (Cont.)
Rotor moment of inertia	140gcm ²
Stall torque	0.04Nm
Moving torque (at 360°s ⁻¹)	0.036Nm
Perpendicularity	<+/-0.5°
Maximum radial load	102N
Maximum axial load	19N
Bearing type	Deep groove ball bearing (shielded)
Rotation range	Configurations to provide continuous or limited rotation as required
Hollow spindle bore internal dia.	8mm

Note: Specifications subject to change without notice.