SG-2877

3 Nm Hub Gear Motor | 24 VDC | Planetary 9.75:1

PUBLIC CATALOGUE REFERENCE | Rev0.1 | 2026-11-19

Mechanical dimension checklist - 2D source reference

Values transcribed from the supplied 2025-07-04 Rev A 2D drawing. This sheet is a searchable, simplified dimensional reference and is NOT the original 2D drawing, a released STEP or a tolerance-controlled manufacturing drawing.

Nominal housing outer diameter	99 mm (catalogue)
Drawing body thickness	64 +/-0.2 mm
Overall length shown in Rev A source	117 +/-0.5 mm
Front mounting pilot / locating diameter	80.8 +0/-0.15 mm
Reference face diameter	93 +/-0.1 mm
Rear interface reference diameter	84 +/-0.1 mm
Output shaft / internal bore	16 -0.05/-0.12 mm / 10.5 mm
Output shaft reference length	28 +0/-0.2 mm
Drawing rear face mounting	4 x M4 equally spaced
Source drawing identifier	SG2877-3Nm
Source drawing revision / date	A / 2025-07-04

Configuration and release control

Public overall length 117 mm agrees with supplied Rev A 117 +/-0.5 mm drawing.

The source assembly is Parasolid .x_t, not STEP. Its exact geometry has not been validated for public integration. Use the original engineering drawing and configuration-matched source CAD only after engineering approval.

This checklist is not a substitute for mounting pitch circle dimensions, hole depth, wiring routing, tolerances, seal compression, shaft engagement or installation datum review.

Request original 2D / approved CAD

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