

PRODUCT DATASHEET

# ES-PG-C36-S006-V056

Precision Transmission Component

Ultra-Precision Planetary Gearboxes | Ultra-Precision Planetary Gearbox Series - ES-PG-C36-S006

Product Overview

Precision Transmission Component with backlash 1 arcmin, frame Size 140 mm and weight 11.9 kg.

Key Specifications

| PARAMETER                           | VALUE | UNIT   |
|-------------------------------------|-------|--------|
| Backlash                            | 1     | arcmin |
| Frame Size                          | 140   | mm     |
| Weight                              | 11.9  | kg     |
| Compatible Servo Motor Power        | 2000  | W      |
| Motor Adapter Interface             | T5    |        |
| Number of Reduction Stages          | 1, 2  |        |
| Planetary Gearbox Housing Length L3 | 9     | mm     |

# Technical Specifications

| PARAMETER                           | SPECIFICATION | UNIT   | NOTES                           |
|-------------------------------------|---------------|--------|---------------------------------|
| PERFORMANCE                         |               |        |                                 |
| Backlash                            | 1             | arcmin | Reduction Ratio: 4~10; Stage: 1 |
| MECHANICAL                          |               |        |                                 |
| Frame Size                          | 140           | mm     |                                 |
| Weight                              | 11.9          | kg     | Reduction Ratio: 4~10; Stage: 1 |
| Planetary Gearbox Housing Length L3 | 9             | mm     | Stage: 1                        |
| ADDITIONAL SPECIFICATIONS           |               |        |                                 |
| Compatible Servo Motor Power        | 2000          | W      |                                 |
| Motor Adapter Interface             | T5            |        |                                 |
| Number of Reduction Stages          | 1, 2          |        |                                 |

# Dimensional & Integration Overview

## Mechanical Overview

| PARAMETER                           | VALUE | UNIT |
|-------------------------------------|-------|------|
| Frame Size                          | 140   | mm   |
| Weight                              | 11.9  | kg   |
| Planetary Gearbox Housing Length L3 | 9     | mm   |

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- 01 Specifications are subject to change without notice. Verify the current product configuration before final design release.
- 02 2D drawings, CAD files and integration documentation are controlled documents and are supplied separately on request.