

PRODUCT DATASHEET

# ES-PG-C36-S010-V018

## Precision Transmission Component

Ultra-Precision Planetary Gearboxes | Ultra-Precision Planetary Gearbox Series - ES-PG-C36-S010

### Product Overview

Precision Transmission Component with frame Size 80 mm, compatible Servo Motor Power 400 W and motor Adapter Interface T1.

### Key Specifications

| PARAMETER                            | VALUE          | UNIT |
|--------------------------------------|----------------|------|
| Frame Size                           | 80             | mm   |
| Compatible Servo Motor Power         | 400            | W    |
| Motor Adapter Interface              | T1             |      |
| Number of Reduction Stages           | 1, 3, 2        |      |
| Planetary Gearbox Housing Length L3  | 95.5 / 60 / 78 | mm   |
| Planetary Gearbox Key Height H1      | 22.5           | mm   |
| Planetary Gearbox Key Length L6      | 28             | mm   |
| Planetary Gearbox Key Width B1       | 6              | mm   |
| Planetary Gearbox Spigot Diameter D6 | Ø60h7          | mm   |

## Technical Specifications

| PARAMETER                            | SPECIFICATION  | UNIT | NOTES                              |
|--------------------------------------|----------------|------|------------------------------------|
| MECHANICAL                           |                |      |                                    |
| Frame Size                           | 80             | mm   |                                    |
| Planetary Gearbox Key Width B1       | 6              | mm   |                                    |
| Planetary Gearbox Key Height H1      | 22.5           | mm   |                                    |
| Planetary Gearbox Housing Length L3  | 95.5 / 60 / 78 | mm   | Varies by published configuration. |
| Planetary Gearbox Spigot Diameter D6 | Ø60h7          | mm   |                                    |
| Planetary Gearbox Key Length L6      | 28             | mm   |                                    |
| ADDITIONAL SPECIFICATIONS            |                |      |                                    |
| Compatible Servo Motor Power         | 400            | W    |                                    |
| Motor Adapter Interface              | T1             |      |                                    |
| Number of Reduction Stages           | 1, 3, 2        |      |                                    |

## Dimensional & Integration Overview

### Mechanical Overview

| PARAMETER                            | VALUE          | UNIT |
|--------------------------------------|----------------|------|
| Frame Size                           | 80             | mm   |
| Planetary Gearbox Key Width B1       | 6              | mm   |
| Planetary Gearbox Key Height H1      | 22.5           | mm   |
| Planetary Gearbox Housing Length L3  | 95.5 / 60 / 78 | mm   |
| Planetary Gearbox Spigot Diameter D6 | Ø60h7          | mm   |
| Planetary Gearbox Key Length L6      | 28             | 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.