PRODUCT DATASHEET

ES-PG-C36-S006-V019

Precision Transmission Component

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

Product Overview

Precision Transmission Component with backlash 3 / 5 / 1 arcmin, frame Size 90 mm and weight 3 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Backlash	3 / 5 / 1	arcmin
Frame Size	90	mm
Weight	3	kg
Compatible Servo Motor Power	1500	W
Motor Adapter Interface	T1	
Rated Output Torque	140 / 160 / 100	N·m
Number of Reduction Stages	1	
Planetary Gearbox Housing Length L3	6	mm
Planetary Gearbox Key Length L6	7	mm

Technical Specifications

PARAMETER	SPECIFICATION	UNIT	NOTES
PERFORMANCE			
Backlash	3 / 5 / 1	arcmin	Varies by published configuration.
Rated Output Torque	140 / 160 / 100	N·m	Varies by published configuration.
MECHANICAL			
Frame Size	90	mm	
Weight	3	kg	Reduction Ratio: 4~10
Planetary Gearbox Housing Length L3	6	mm	
Planetary Gearbox Spigot Diameter D6	7×M6×1P	mm	
Planetary Gearbox Key Length L6	7	mm	
ADDITIONAL SPECIFICATIONS			
Compatible Servo Motor Power	1500	W	
Motor Adapter Interface	T1		
Number of Reduction Stages	1		

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Frame Size	90	mm
Weight	3	kg
Planetary Gearbox Housing Length L3	6	mm
Planetary Gearbox Spigot Diameter D6	7×M6×1P	mm
Planetary Gearbox Key Length L6	7	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.