

PRODUCT DATASHEET

ES-PG-C36-S008-V014

Precision Transmission Component

Ultra-Precision Planetary Gearboxes | Ultra-Precision Planetary Gearbox Series - ES-PG-C36-S008

Product Overview

Precision Transmission Component with backlash 2 / 4 / 6 arcmin, frame Size 90 mm and weight 6.4 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Backlash	2 / 4 / 6	arcmin
Frame Size	90	mm
Weight	6.4	kg
Compatible Servo Motor Power	400	W
Motor Adapter Interface	T3	
Rated Output Torque	90	Nm
Number of Reduction Stages	1	
Planetary Gearbox Housing Length L3	10	mm
Planetary Gearbox Key Height H1	24.5	mm

Technical Specifications

PARAMETER	SPECIFICATION	UNIT	NOTES
PERFORMANCE			
Backlash	2 / 4 / 6	arcmin	Varies by published configuration.
Rated Output Torque	90	Nm	Reduction Ratio: 3
MECHANICAL			
Frame Size	90	mm	
Weight	6.4	kg	Reduction Ratio: 3 20
Planetary Gearbox Key Width B1	6	mm	
Planetary Gearbox Key Height H1	24.5	mm	
Planetary Gearbox Housing Length L3	10	mm	
Planetary Gearbox Spigot Diameter D6	M8×1.25P	mm	
Planetary Gearbox Key Length L6	3	mm	
ADDITIONAL SPECIFICATIONS			
Compatible Servo Motor Power	400	W	
Motor Adapter Interface	T3		
Number of Reduction Stages	1		

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Frame Size	90	mm
Weight	6.4	kg
Planetary Gearbox Key Width B1	6	mm
Planetary Gearbox Key Height H1	24.5	mm
Planetary Gearbox Housing Length L3	10	mm
Planetary Gearbox Spigot Diameter D6	M8×1.25P	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.