PRODUCT DATASHEET

ES-PG-C36-S008-V009

Precision Transmission Component

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

Product Overview

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

Key Specifications

PARAMETER	VALUE	UNIT
Backlash	6 / 4 / 2	arcmin
Frame Size	90	mm
Weight	6.4	kg
Compatible Servo Motor Power	1000	W
Motor Adapter Interface	T7	
Rated Output Torque	90	N·m
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	6 / 4 / 2	arcmin	Varies by published configuration.
Rated Output Torque	90	N·m	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	1000	W	
Motor Adapter Interface	T7		
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.