PRODUCT DATASHEET

ES-PG-C36-S009-V002

Precision Transmission Component

Ultra-Precision Planetary Gearboxes | Ultra-Precision Planetary Gearbox Series - ES-PG-C36-S009

Product Overview

Precision Transmission Component with backlash 5 / 3 arcmin, frame Size 42 mm and weight 0.6 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Backlash	5 / 3	arcmin
Frame Size	42	mm
Weight	0.6	kg
Compatible Servo Motor Power	100	W
Motor Adapter Interface	T1	
Rated Output Torque	17 / 22 / 20	N·m
Number of Reduction Stages	1	
Planetary Gearbox Housing Length L3	5.5	mm
Planetary Gearbox Key Height H1	15	mm

Technical Specifications

PARAMETER	SPECIFICATION	UNIT	NOTES
PERFORMANCE			
Backlash	5 / 3	arcmin	Precision Grade: P2; Reduction Ratio: 3 10 / Precision Grade: P1; Reduction Ratio: 3 10
Rated Output Torque	17 / 22 / 20	N·m	Varies by published configuration.
MECHANICAL			
Frame Size	42	mm	
Weight	0.6	kg	Reduction Ratio: 3 10
Planetary Gearbox Key Width B1	5	mm	
Planetary Gearbox Key Height H1	15	mm	
Planetary Gearbox Housing Length L3	5.5	mm	
Planetary Gearbox Spigot Diameter D6	56	mm	
Planetary Gearbox Key Length L6	2	mm	
ADDITIONAL SPECIFICATIONS			
Compatible Servo Motor Power	100	W	
Motor Adapter Interface	T1		
Number of Reduction Stages	1		

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Frame Size	42	mm
Weight	0.6	kg
Planetary Gearbox Key Width B1	5	mm
Planetary Gearbox Key Height H1	15	mm
Planetary Gearbox Housing Length L3	5.5	mm
Planetary Gearbox Spigot Diameter D6	56	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.