

PRODUCT DATASHEET

ES-PG-C36-S015-V005

Precision Transmission Component

Ultra-Precision Planetary Gearboxes | Ultra-Precision Planetary Gearbox Series - ES-PG-C36-S015

Product Overview

Precision Transmission Component with backlash 5 / 7 arcmin, maximum Input Speed 6000 rpm and frame Size 90 mm.

Key Specifications

PARAMETER	VALUE	UNIT
Backlash	5 / 7	arcmin
Maximum Input Speed	6000	rpm
Frame Size	90	mm
Weight	4.7	kg
Compatible Servo Motor Power	750	W
Motor Adapter Interface	T1	
Rated Output Torque	130	Nm
Number of Reduction Stages	2	
A-Weighted Noise Level	60	dB(A)

Technical Specifications

PARAMETER	SPECIFICATION	UNIT	NOTES
PERFORMANCE			
Backlash	5 / 7	arcmin	Precision Grade: P1; Reduction Ratio: 15~100 / Precision Grade: P2; Reduction Ratio: 15~100
Rated Output Torque	130	Nm	Reduction Ratio: 15
Rated Input Speed	3000	rpm	Reduction Ratio: 3~100
Torsional Rigidity	14	Nm/arcmin	Reduction Ratio: 3~100
Permissible Axial Load	1625	N	Reduction Ratio: 3~100
Permissible Radial Load	2985	N	Reduction Ratio: 3~100
MECHANICAL			
Frame Size	90	mm	
Weight	4.7	kg	Reduction Ratio: 15~100
ENVIRONMENTAL			
A-Weighted Noise Level	60	dB(A)	Reduction Ratio: 3~100
ADDITIONAL SPECIFICATIONS			
Maximum Input Speed	6000	rpm	Reduction Ratio: 3~100
Compatible Servo Motor Power	750	W	
Motor Adapter Interface	T1		
Number of Reduction Stages	2		

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Frame Size	90	mm
Weight	4.7	kg

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Specifications are subject to change without notice. Verify the current product configuration before final design release.
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2D drawings, CAD files and integration documentation are controlled documents and are supplied separately on request.