PRODUCT DATASHEET

ES-PG-C36-S006-V032

Precision Transmission Component

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

Product Overview

Precision Transmission Component with backlash 7 / 3 / 1 arcmin, maximum Input Speed 6000 rpm and frame Size 90 mm.

Key Specifications

PARAMETER	VALUE	UNIT
Backlash	7 / 3 / 1	arcmin
Maximum Input Speed	6000	rpm
Frame Size	90	mm
Weight	3 / 3.7	kg
Compatible Servo Motor Power	3000	W
Motor Adapter Interface	T4	
A-Weighted Noise Level	60	dB(A)
Maximum Bending Moment	235	N·m
Permissible Axial Load	2850	N

Technical Specifications

PARAMETER	SPECIFICATION	UNIT	NOTES
PERFORMANCE			
Backlash	7 / 3 / 1	arcmin	Varies by published configuration.
Rated Input Speed	3000	rpm	Reduction Ratio: 4~100; Stage: 2
Torsional Rigidity	31	N·m/arcmin	Reduction Ratio: 4~100; Stage: 2
Permissible Axial Load	2850	N	Reduction Ratio: 4~100; Stage: 2
Maximum Bending Moment	235	N·m	Reduction Ratio: 4~100; Stage: 2
MECHANICAL			
Frame Size	90	mm	
Weight	3 / 3.7	kg	Reduction Ratio: 4~10; Stage: 1 / Reduction Ratio: 15~100; Stage: 2
ENVIRONMENTAL			
A-Weighted Noise Level	60	dB(A)	Reduction Ratio: 4~100; Stage: 2
ADDITIONAL SPECIFICATIONS			
Maximum Input Speed	6000	rpm	Reduction Ratio: 4~100; Stage: 2
Compatible Servo Motor Power	3000	W	
Motor Adapter Interface	T4		

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Frame Size	90	mm
Weight	3 / 3.7	kg

View Product Online Request Engineering Data Request a Quote

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.