PRODUCT DATASHEET

ES-PG-C36-S009-V004

Precision Transmission Component

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

Product Overview

Precision Transmission Component with backlash 7 / 3 arcmin, maximum Input Speed 6000 rpm and frame Size 42 mm.

Key Specifications

PARAMETER	VALUE	UNIT
Backlash	7 / 3	arcmin
Maximum Input Speed	6000	rpm
Frame Size	42	mm
Weight	0.8 / 0.6	kg
Compatible Servo Motor Power	100	W
Motor Adapter Interface	T1	
A-Weighted Noise Level	56	dB(A)
Permissible Axial Load	390	N
Permissible Radial Load	780	N

Technical Specifications

PARAMETER	SPECIFICATION	UNIT	NOTES
PERFORMANCE			
Backlash	7 / 3	arcmin	Precision Grade: P2; Reduction Ratio: 15 100; Stage: 2 / Precision Grade: P1; Reduction Ratio: 3 10; Stage: 1
Rated Input Speed	3000	rpm	Reduction Ratio: 3 100; Stage: 2
Torsional Rigidity	2	N·m/arcmin	Reduction Ratio: 3 100; Stage: 2
Permissible Axial Load	390	N	Reduction Ratio: 3 100; Stage: 2
Permissible Radial Load	780	N	Reduction Ratio: 3 100; Stage: 2
MECHANICAL			
Frame Size	42	mm	
Weight	0.8 / 0.6	kg	Reduction Ratio: 15 100; Stage: 2 / Reduction Ratio: 3 10; Stage: 1
ENVIRONMENTAL			
A-Weighted Noise Level	56	dB(A)	Reduction Ratio: 3 100; Stage: 2
ADDITIONAL SPECIFICATIONS			
Maximum Input Speed	6000	rpm	Reduction Ratio: 3 100; Stage: 2
Compatible Servo Motor Power	100	W	
Motor Adapter Interface	T1		

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Frame Size	42	mm
Weight	0.8 / 0.6	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.