

PRODUCT DATASHEET

ES-PG-C36-S005-V004

Precision Transmission Component

Ultra-Precision Planetary Gearboxes | Ultra-Precision Planetary Gearbox Series - ES-PG-C36-S005

Product Overview

Precision Transmission Component with maximum Input Speed 6000 rpm, frame Size 64 mm and weight 1.9 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Maximum Input Speed	6000	rpm
Frame Size	64	mm
Weight	1.9	kg
Compatible Servo Motor Power	200	W
Motor Adapter Interface	T1	
Rated Output Torque	48 / 40	N·m
Number of Reduction Stages	2	
A-Weighted Noise Level	63	dB(A)
Maximum Bending Moment	120	N·m

Technical Specifications

PARAMETER	SPECIFICATION	UNIT	NOTES
PERFORMANCE			
Rated Output Torque	48 / 40	N·m	Reduction Ratio: 40 / Reduction Ratio: 100
Rated Input Speed	3000	rpm	Reduction Ratio: 3 200
Torsional Rigidity	13	N·m/arcmin	Reduction Ratio: 3 200
Permissible Axial Load	1050	N	Reduction Ratio: 3 200
Maximum Bending Moment	120	N·m	Reduction Ratio: 3 200
MECHANICAL			
Frame Size	64	mm	
Weight	1.9	kg	Reduction Ratio: 25 200
ENVIRONMENTAL			
A-Weighted Noise Level	63	dB(A)	Reduction Ratio: 3 200
ADDITIONAL SPECIFICATIONS			
Maximum Input Speed	6000	rpm	Reduction Ratio: 3 200
Compatible Servo Motor Power	200	W	
Motor Adapter Interface	T1		
Number of Reduction Stages	2		

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Frame Size	64	mm
Weight	1.9	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.