

PRODUCT DATASHEET

ES-PG-C36-S007-V005

Precision Transmission Component

Ultra-Precision Planetary Gearboxes | Ultra-Precision Planetary Gearbox Series - ES-PG-C36-S007

Product Overview

Precision Transmission Component with frame Size 142 mm, weight 22.14 kg and compatible Servo Motor Power 3000 W.

Key Specifications

PARAMETER	VALUE	UNIT
Frame Size	142	mm
Weight	22.14	kg
Compatible Servo Motor Power	3000	W
Motor Adapter Interface	T5	
Rated Output Torque	332 / 440 / 532	Nm
Number of Reduction Stages	2	
A-Weighted Noise Level	63	dB(A)
Permissible Axial Load	4200	N
Permissible Radial Load	9230	N

Technical Specifications

PARAMETER	SPECIFICATION	UNIT	NOTES
PERFORMANCE			
Rated Output Torque	332 / 440 / 532	Nm	Varies by published configuration.
Recommended Input Speed	3000	min ¹	
Torsional Rigidity	50	Nm/arcmin	
Permissible Axial Load	4200	N	
Permissible Radial Load	9230	N	
MECHANICAL			
Frame Size	142	mm	
Weight	22.14	kg	
Planetary Gearbox Key Width B1	12	mm	

Technical Specifications

PARAMETER	SPECIFICATION	UNIT
MECHANICAL		
Planetary Gearbox Key Height H1	43	mm
Planetary Gearbox Housing Length L3	167.5	mm
Planetary Gearbox Spigot Diameter D6	Ø130h7	mm
Planetary Gearbox Key Length L6	70	mm
ENVIRONMENTAL		
A-Weighted Noise Level	63	dB(A)
ADDITIONAL SPECIFICATIONS		
Compatible Servo Motor Power	3000	W
Motor Adapter Interface	T5	
Number of Reduction Stages	2	

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Frame Size	142	mm
Weight	22.14	kg
Planetary Gearbox Key Width B1	12	mm
Planetary Gearbox Key Height H1	43	mm
Planetary Gearbox Housing Length L3	167.5	mm
Planetary Gearbox Spigot Diameter D6	Ø130h7	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.