

PRODUCT DATASHEET

ES-PG-C36-S007-V001

Precision Transmission Component

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

Product Overview

Precision Transmission Component with frame Size 60 mm, compatible Servo Motor Power 400 W and motor Adapter Interface T1.

Key Specifications

PARAMETER	VALUE	UNIT
Frame Size	60	mm
Compatible Servo Motor Power	400	W
Motor Adapter Interface	T1	
Rated Output Torque	30	N·m
Number of Reduction Stages	2	
A-Weighted Noise Level	63	dB(A)
Planetary Gearbox Housing Length L3	70.5	mm
Planetary Gearbox Key Height H1	18	mm
Planetary Gearbox Key Length L6	25	mm

Technical Specifications

PARAMETER	SPECIFICATION	UNIT	NOTES
PERFORMANCE			
Rated Output Torque	30	Nm	Reduction Ratio: 100
Recommended Input Speed	3000	min ¹	
Torsional Rigidity	7	Nm/arcmin	
MECHANICAL			
Frame Size	60	mm	
Planetary Gearbox Key Width B1	5	mm	
Planetary Gearbox Key Height H1	18	mm	
Planetary Gearbox Housing Length L3	70.5	mm	
Planetary Gearbox Spigot Diameter D6	Ø50h7	mm	
Planetary Gearbox Key Length L6	25	mm	
ENVIRONMENTAL			
A-Weighted Noise Level	63	dB(A)	
ADDITIONAL SPECIFICATIONS			
Compatible Servo Motor Power	400	W	
Motor Adapter Interface	T1		
Number of Reduction Stages	2		

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Frame Size	60	mm
Planetary Gearbox Key Width B1	5	mm
Planetary Gearbox Key Height H1	18	mm
Planetary Gearbox Housing Length L3	70.5	mm
Planetary Gearbox Spigot Diameter D6	Ø50h7	mm
Planetary Gearbox Key Length L6	25	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.