PRODUCT DATASHEET

ES-PG-C36-S012-V006

Precision Transmission Component

Ultra-Precision Planetary Gearboxes | Ultra-Precision Planetary Gearbox Series - ES-PG-C36-S012

Product Overview

Precision Transmission Component with maximum Input Speed 3000 min^{-1}, frame Size 190 mm and weight 45 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Maximum Input Speed	3000	min^{-1}
Frame Size	190	mm
Weight	45	kg
Compatible Servo Motor Power	4000	W
Motor Adapter Interface	T6	
Rated Output Torque	1000 / 630	N·m
Number of Reduction Stages	2	
A-Weighted Noise Level	70	dB(A)
Permissible Axial Load	28000	N

Technical Specifications

PARAMETER	SPECIFICATION	UNIT	NOTES
PERFORMANCE			
Rated Output Torque	1000 / 630	N·m	Reduction Ratio: 64 / Reduction Ratio: 100
Recommended Input Speed	2000	min^{-1}	
Torsional Rigidity	140	N·m/arcmin	
Permissible Axial Load	28000	N	
Permissible Radial Load	12000	N	
MECHANICAL			
Frame Size	190	mm	
Weight	45	kg	
Planetary Gearbox Housing Length L3	169	mm	
ENVIRONMENTAL			
A-Weighted Noise Level	70	dB(A)	
ADDITIONAL SPECIFICATIONS			
Maximum Input Speed	3000	min^{-1}	
Compatible Servo Motor Power	4000	W	
Motor Adapter Interface	T6		
Number of Reduction Stages	2		

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Frame Size	190	mm
Weight	45	kg
Planetary Gearbox Housing Length L3	169	mm

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.