PRODUCT DATASHEET

ES-RD-C36-S001-V037

Precision Transmission Component

Ultra-Precision Planetary Gearboxes | Ultra-Precision Planetary Gearbox Series - ES-RD-C36-S001

Product Overview

Precision Transmission Component with reduction Ratio 9, frame Size 125 mm and compatible Servo Motor Power 1500 W.

Key Specifications

PARAMETER	VALUE	UNIT
Reduction Ratio	9	
Frame Size	125	mm
Compatible Servo Motor Power	1500	W
Rated Output Torque	34.3	N·m
Number of Reduction Stages	1	
Input-shaft Equivalent Inertia	2.81	$x10^{-4}$ $kg.m^2$
Instantaneous Maximum Output Torque	103	N·m
Instantaneous Maximum Permissible Output Torque	221	N·m
Output Shaft Speed	333	rpm

Technical Specifications

PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Rated Output Torque	34.3	N·m
Instantaneous Maximum Output Torque	103	N·m
Instantaneous Maximum Permissible Output Torque	221	N·m
Output Shaft Speed	333	rpm
Permissible Output Torque	73.5	N·m
Permissible Axial Load	980	N
Permissible Radial Load	1960	N
MECHANICAL		
Frame Size	125	mm
Input-shaft Equivalent Inertia	2.81	$x10^{-4}$ $kg.m^2$
CONFIGURATION		
Reduction Ratio	9	
ADDITIONAL SPECIFICATIONS		
Compatible Servo Motor Power	1500	W
Number of Reduction Stages	1	

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Frame Size	125	mm
Input-shaft Equivalent Inertia	2.81	$x10^{-4}$ $kg.m^2$

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.