

2.10. STABILIZED ELECTRIC DRIVE FOR SATELLITE ONBOARD SYSTEM



It is intended to work as a part of devices that scan the Earth surface or atmosphere from space.

Structure of electric drive:

- contactless magnetoelectric motor;
- rotor optical encoder;
- motor control card with astatic system for angular velocity stabilization.

Technical specifications

Rotation velocity control range, rps	0,714...0,75
Power supply voltage, V	24...35
Maximum power consumption, VA	5,0
Dimensions, mm	Ø120 x 41,5
Weight, kg	0,6
Range of ambient temperatures, °C	- 40...+115