

Annotation

In this diploma project drive unit at elevator is considered . In main chapter structure of working machine and its technological process is described. Power at elevator engine and electrical engine's added scheme is chosen. Static mechanical and electrical mechanical characteristics, kinematic scheme at mechanical part and dynamics at mechanical part are salved.

In life safety chapter technical safety at use at elevator system is considered. Elevator automatic fire extinguishing system management institution – system electrical calculation have been made in that protective ear thing device.

In economic section passenger elevators electric drive technical and economic efficiency are calculated. Passenger elevators electric drive capital flow, electricity power, repair, passenger lifts calculated expenses for the efficiency of the electricdrive.