

Digital servo controller DSV 324



The use of DSV 324 is recommended in applications with increased demands on dynamics and accuracy, in which a high-end product appears to be over-dimensioned.

In addition to speed and current closed-loop control, the device offers basic point-to-point positioning functions. A CAN interface allows the operation within Device-Net or CAN-open networks. The DSV's configuration is done via a clear and simple to use PC- software "DSerV".

The DSV 324 is supplied directly by 230 VAC mains. No additional auxiliary voltages are required for operation. By using integrated filter components and a housing designed according to EMC aspects, the device meets the EMC requirements in accordance with DIN EN 61800-3 without additional external components (maximum length of motor supply cable: 25 m).

Technical properties:

Input voltage	230 VAC
Rated current	4,5 A_{pk}
Peak current	9,0 A_{pk}
Rated power	700 W
Dimensions	185 x 56 x 202 mm³ without mounting straps

Point-to-point positioning functions

CAN-open and Device-Net-ready

Internal ballast circuit

Output for parking brake

10bit resolver interface

Configurable digital/analogue inputs/outputs

Simple parameter setting with DSerV parameterization software via RS232

Integrated line filter

Integrated logic supply

Short-circuit proof and earth- fault proof power section