

PRODUCT INFORMATION
DSC Series
Speed Control Motor and Controller Package

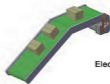
- Speed control with an in expensive system configuration
- Speed transmission setting
- Speed stability
- Speed control by vertical driving (With electromagnetic break)
- Compact equipment


High performance with the instructed speed
Speed Regulation (For load) 1%*(Reference value)

* Instructed speed is 1000 r/min under the permissible torque

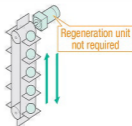
 (Reference value of the inverter)
 Around between -6 and -10%

For usage with variable loads.



Electromagnetic Brake Type

Speed maintain stable even with a tilted conveyor or vertical driving.

Line Up Right-Angle Shaft
Vertical driving available with an electromagnetic brake

Quick and Easy Setting
Connection


Easy wiring by using the screwless connectors between the motor and the controller.

**Operation Speed Setting/
Test Operation**


Direct setting and test operation is available.

Operation / Monitoring

 Display in accordance with the device
 Gear shaft speed: r/min
 Conveyor speed: r/min

Extensive operation functions are provided. Work type can be immediately changed by switching the data through the I/O. Convenient for monitoring the actual speed.

Reliability enhanced by alarm output

The closed loop control feedback the status of the motor to the controller in real time. If an error occurs, such as motor lock due to overloading, the unit output will trigger an alarm signal and stops the power supply to the motor.

Useful function in the field
Operation error prevention function


This limits the data that can be changed in the filed or prevents unintended operations immediately after power-up

**Various monitor functions
Alarm / Warning functions**


I/O monitoring and alarm / warning functions identify the cause of troubles.

Alarm Contents

- Motor overheating
- Motor Lock
- Overspeed
- EEPROM (Saved data error)
- Prohibition of operation at the initial setting
- External Stop

Up to 9 alarm histories recorded

Catalogue Request

Requesting DSC Series catalogue

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