

Servo actuator

DD Motor (ZMD series)

Realizing outstanding high speed and precision performances thanks to its small and compact design



Features

1 Outer rotor mechanism

The outer diameter's compact design enables to drive directly the roller, making it suitable for indexing rotation

2 High-resistance bearings

Simple and rigid structure for a higher load resistance

3 Hollow diameter $\phi 50$ mm

Wiring and piping can be easily stored in the hollow space of the motor, reducing the installation space.

4 Low price

Model's size reduction leads to a more competitive price matching today's markets needs

5 Short lead time/ quick delivery

The reduction of the components and a smarter stock arrangement critically reduce the production lead time

What is a Direct Drive Motor?

A DD Motor can transmit the torque of the electric motor directly to the driving objects, without the use of any reductions such as belts, pulleys or reduction drives.

High efficiency

Low noise

Outstanding precision

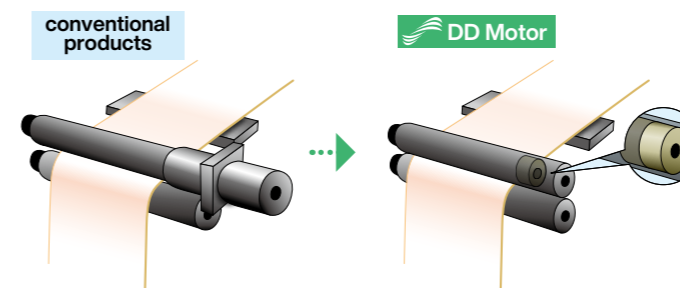
High reliability

Maintenance-free

Application Sample

The installation of the DD Motor enables more efficient operations and it doesn't require any maintenance

Roller-drive application e.g.

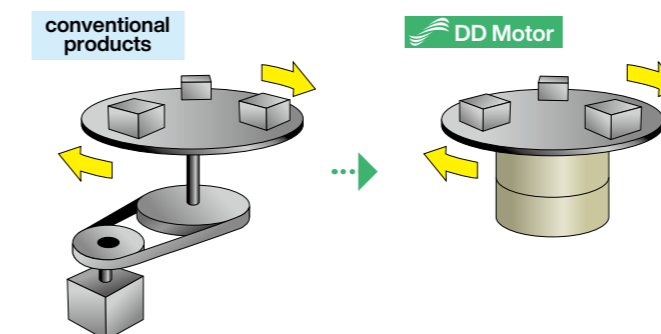


- Thanks to the outer motor, it's possible to build the motor inside the roller, saving space
- It works smoothly, avoiding uneven operations or movements

<Other possible applications>

- Printing equipment
- Coating machines
- Film-manufacturing machinery
- Roll-feeders

Indexing rotation application e.g.



- Space-saving design for a more compact structure
- As no reduction device is needed, it's possible to avoid complex installations, improving its efficiency and reliability with no back-lash

<Other possible applications>

- Semiconductor making equipment
- Devices for manufacturing
- liquid crystal display panels
- Assembling robots
- All kind of indexing applications

Sales area

- Japan
- Taiwan
- China
- United States of America
- Korea

Language

- Japanese
- English

For more information

URL : <http://www.sinfo-t.jp/servo>



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