

DD Motor Achieving Smooth Feed with Large Torque

**FANUC**

**DD MOTOR DiS-D series**



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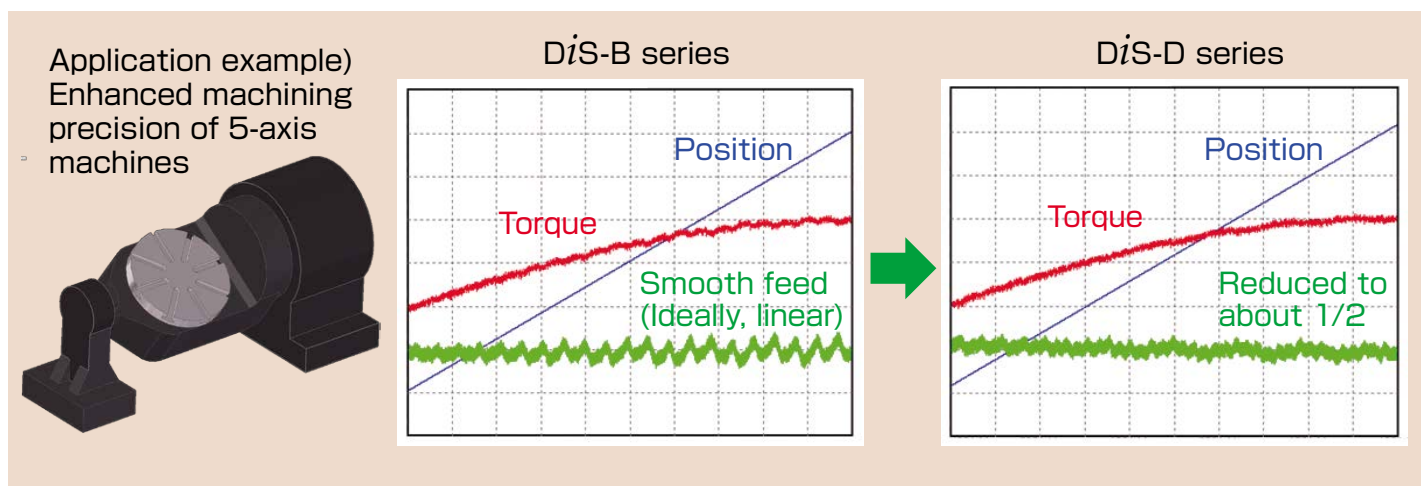
### Features

- The DD Motor DiS-D series enables high-speed, high-precision feed with direct drive. It is suitable for use with machine tool rotary tables and tilting axes and rotary axes of 5-axis machines.
- Its extensive lineup, ranging from small to large sizes, offers the best suitable motor for various machines.
- Both oil cooling and water cooling are available.



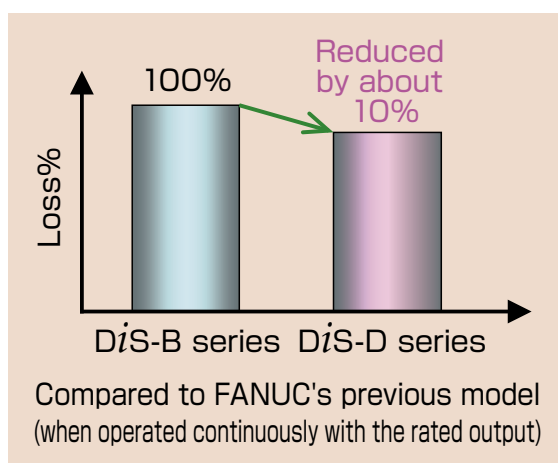
### Smooth feed even at large torque

- DD Motor DiS-D series has reduced torque ripples especially at high loads. Installed on tilting axes and other high-load axes, it offers further higher-precision, higher-quality machining with a smoother feed.



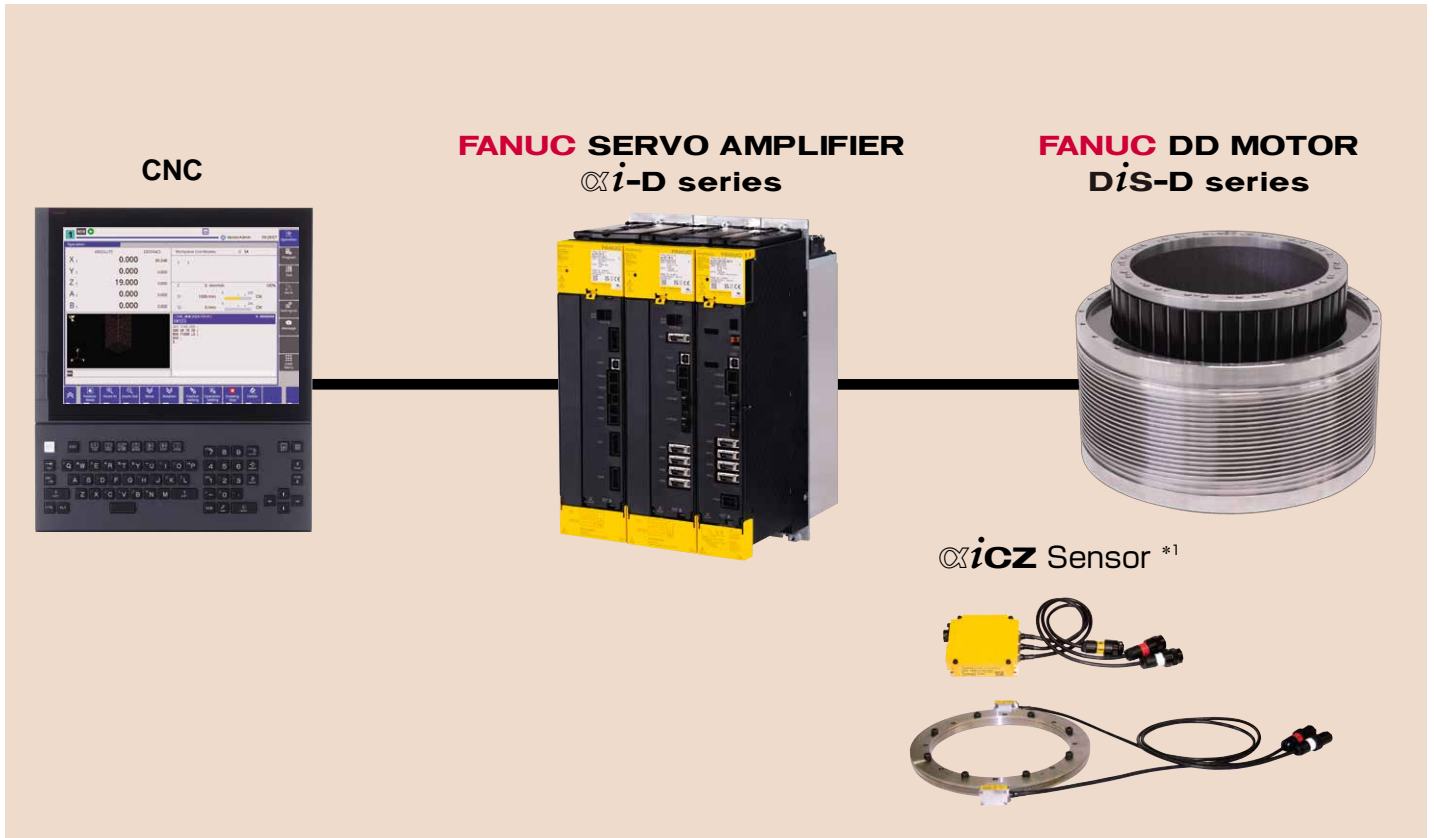
### Energy saving

- The optimized current control provides reduced loss with the minimized motor current supply. This contributes to machine energy saving. (The reduction rate differs depending on the model and operating conditions.)



## System configuration

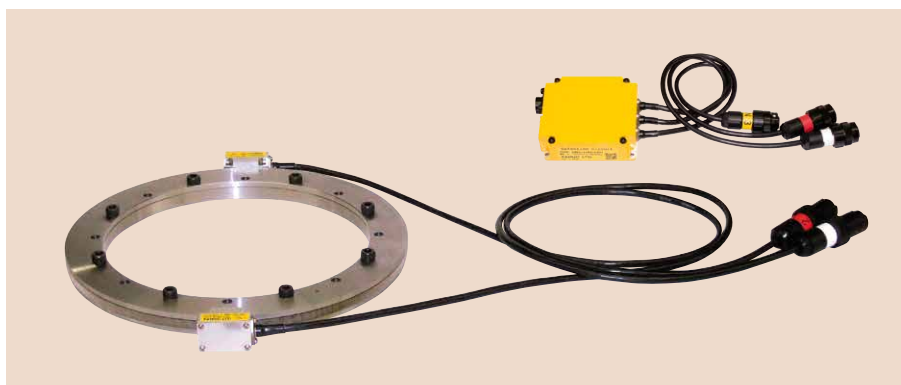
### FANUC's products



- \* 1 The following rotary encoders of other companies are also available:
- Rotary encoders compatible with FANUC Serial Interface
  - 1 Vpp analog rotary encoders

## αiCZ Sensor

- This absolute rotary encoder has a compact, simple, robust structure that contributes to achieving smaller, more reliable rotary axes.
- It adopts high-precision gears machined with FANUC's unique Servo Learning Control.



# Service & Support

## Excellent Maintenance Services

FANUC service team delivers customer trust and confidence based on direction of service “Maximizing Uptime”, “Global Service” and “Lifetime maintenance”.

### *Service First*

Conforming to the spirit of “Service First”, FANUC provides lifetime maintenance to its products for as long as they are used by customers, through more than 270 service locations supporting more than 100 countries and regions throughout the world.

#### Maximizing Uptime



## FANUC ACADEMY

FANUC ACADEMY operates versatile training courses to develop skilled engineers effectively in several days.



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