

DD Motor achieving Large Torque and Smooth Rotation

FANUC

DD MOTOR *D*iS-B series



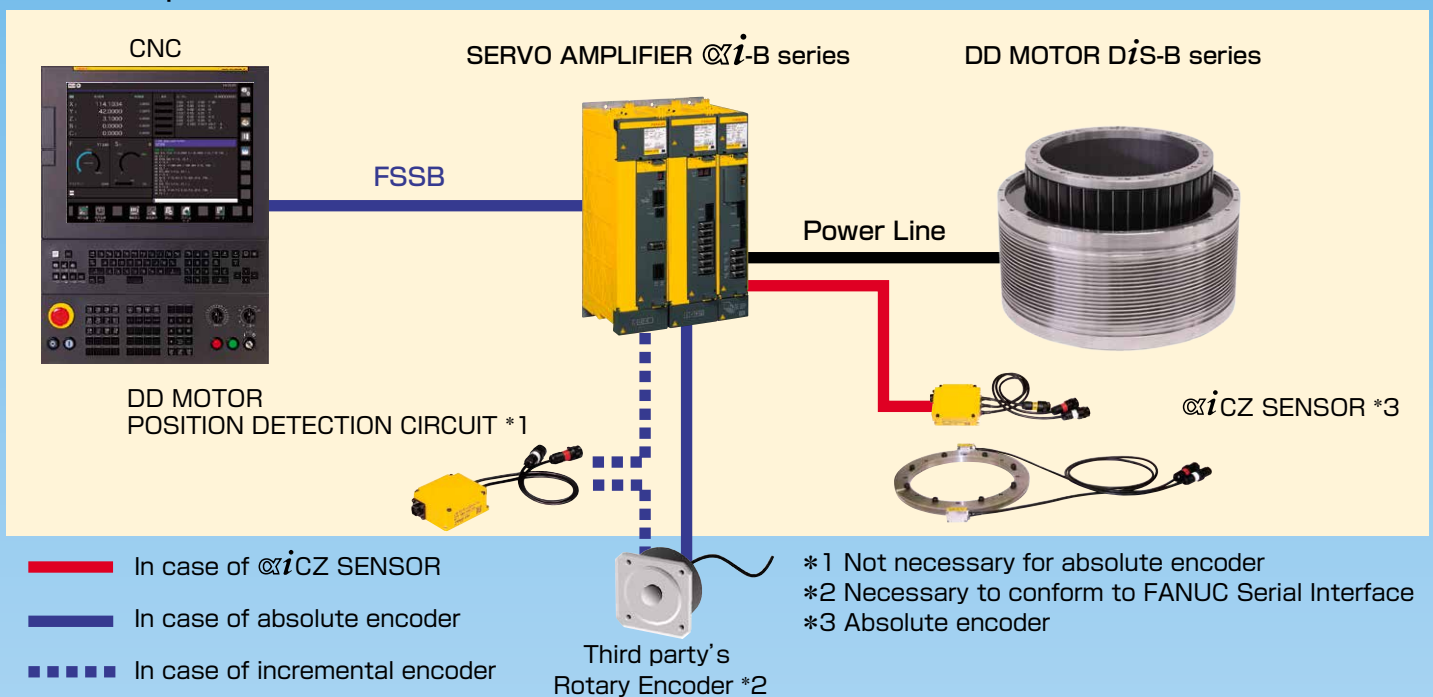
FANUC DD MOTOR α iS-B series

Features

- Large torque by strong neodymium magnets
- Low torque ripple by optimum magnetic circuit design
- Standard models applicable to both 200V and 400V input
- High speed, high precision, and maintenance free by direct drive
- Suited to rotary tables of a machine tools and rotary axes of 5-axis machines
- Water cooling available as well as current oil cooling

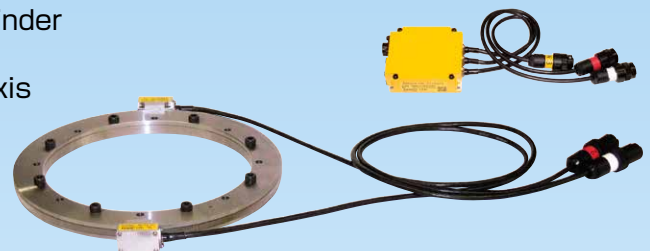
System configuration

FANUC's products



α iCZ SENSOR

High reliability by simple and strong structure
High accuracy sensor gear manufactured by gear grinder
with FANUC original learning control
Compact structure contributing to compact rotary axis

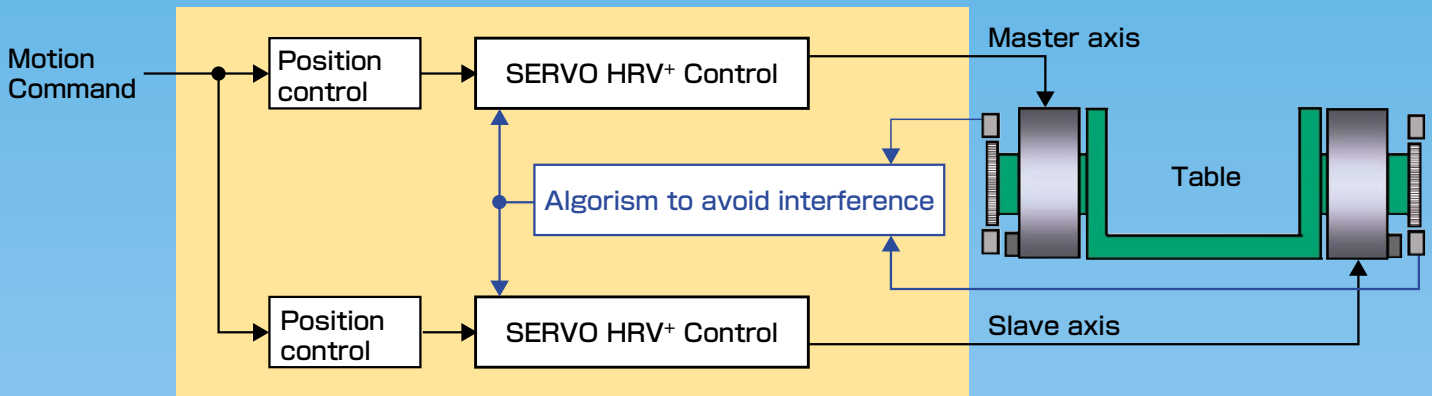


Control Technologies

SERVO HRV⁺ Control

SERVO HRV⁺ Control which is the latest digital servo technology realizes high speed and high precision machining.

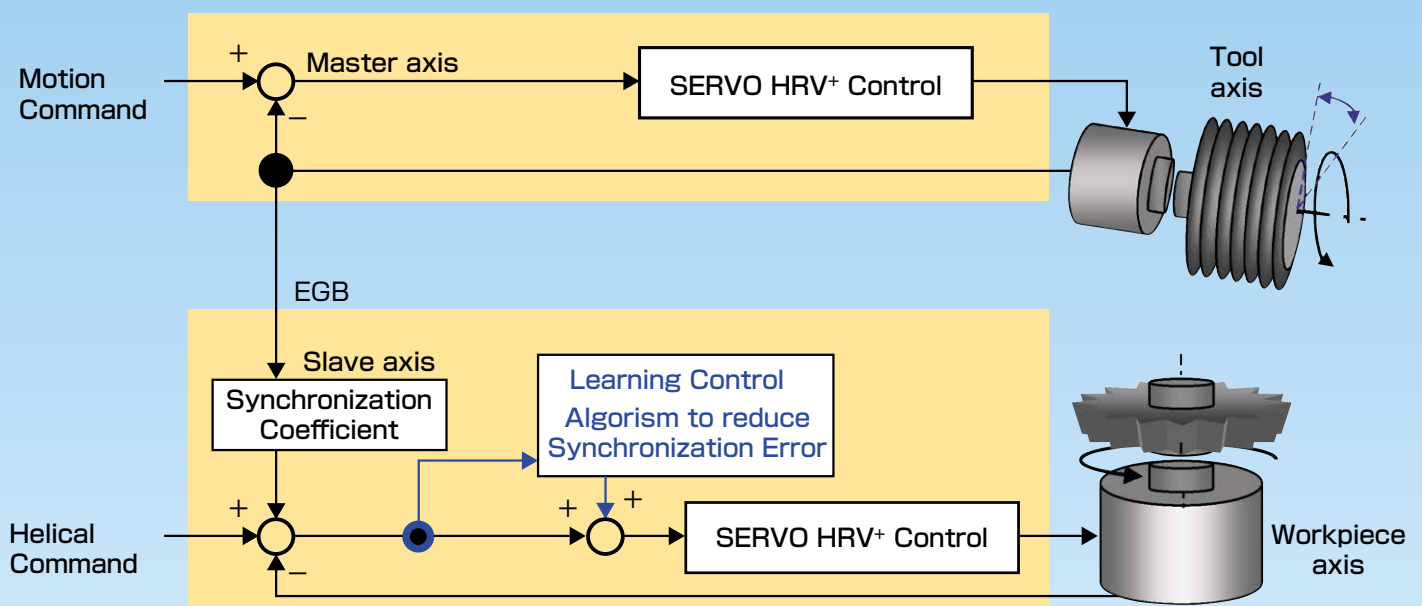
In case of driving one axis by plural motors, sometimes stability is not secured because of interference between motors. Stabilizing functions to prevent interference between axes, are prepared in order to secure stability.



Servo Learning Control

Combination of DD Motor and Learning Control, which achieves high precision, is best suited to cam grinding or gear cutting machine.

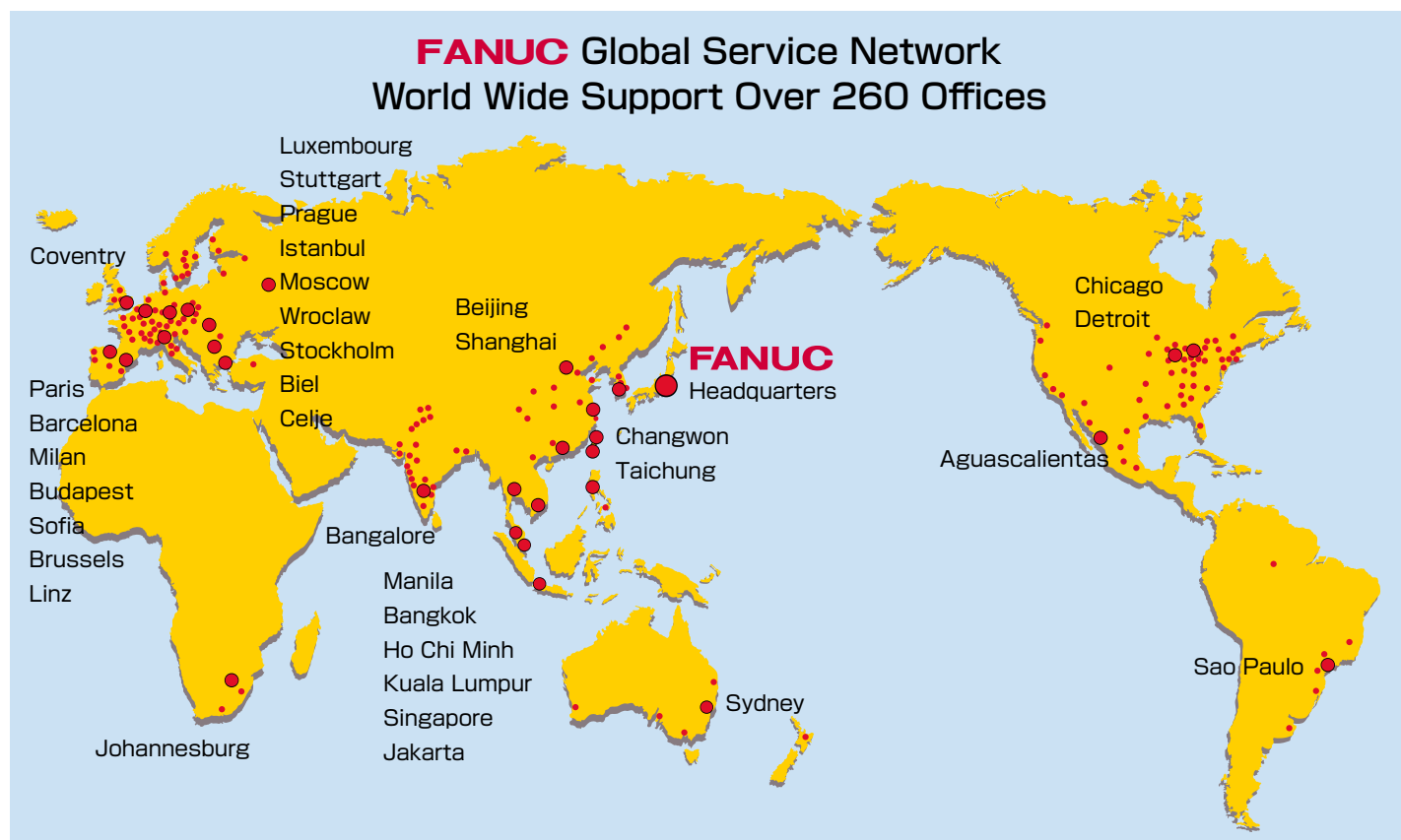
- Maximum 262 seconds learning time and maximum 24 learning profiles are available.
(Suited to cam grinding machine)
- Combination of Learning Control and EGB (Electronic Gear Box) minimizes synchronization error.
(Suited to gear cutting machine)



Maintenance and Customer Support

Worldwide Customer Service and Support

FANUC operates customer service and support network worldwide through subsidiaries and affiliates. FANUC provides the highest quality service with the prompt response at any location nearest you.



FANUC ACADEMY

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

Inquiries : Oshino-mura, Yamanashi,

Japan 401-0597

Phone : (+81)555-84-6030

Fax : (+81)555-84-5540



FANUC CORPORATION

•Headquarters Oshino-mura, Yamanashi 401-0597, Japan
Phone: (+81)555-84-5555 <https://www.fanuc.co.jp/>

●Overseas Affiliated Companies

FANUC America Corporation

Phone: (+1)248-377-7000

<https://www.fanucamerica.com/>

FANUC Europe Corporation, S.A.

Phone: (+352)727777-1

<https://www.fanuc.eu/>

BEIJING-FANUC Mechatronics CO., LTD

Phone: (+86)10-6298-4726

<http://www.bj-fanuc.com.cn/>

KOREA FANUC CORPORATION

Phone: (+82)55-278-1200

<https://www.fkc.co.kr/>

TAIWAN FANUC CORPORATION

Phone: (+886)4-2359-0522

<https://www.fanuctaiwan.com.tw/>

FANUC INDIA PRIVATE LIMITED

Phone: (+91)80-2852-0057

<https://www.fanucindia.com/>

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