

FANUC M-16iB



The FANUC M-16iB is a six-axis, modular construction, electric servo-driven robot designed for a variety of industrial applications. Based on its simple and reliable construction, the FANUC M16iB R-J3iB provides sophisticated motion control and consistent performance with high productivity. It has one of the largest work envelopes and load capacities in its class.

FANUC M 16iB has a small footprint that supports placement in confined areas. The M-16iB also has fail-safe brakes on axes to improve the safety, functionality, and overall control. There are dedicated pneumatic and electrical connections on the J3 axis. Furthermore, its dust and water resistant design maximizes durability where as the work envelope and position flexibility maximize versatility. The FANUC M-16iB has absolute serial encoders that dismiss the need for calibration at power-up and its unique hollow RV speed reducers help to simplify cable routing.

**For more information about the FANUC M-16iB,
contact a Robotworx representative today at 740-251-4312.**

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 20 kg
H-Reach:..... 1667 mm
Repeatability: ±0.08 mm
Robot Mass: 270 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

J1..... 165°/s (2.88 rad/s)
J2..... 165°/s (2.88 rad/s)
J3..... 175°/s (3.05 rad/s)
J4..... 350°/s (6.11 rad/s)
J5..... 340°/s (5.93 rad/s)
J6..... 520°/s (9.08 rad/s)

Robot Motion Range

J1..... ±170°
J2..... +160° - 90°
J3..... +290° - 170°
J4..... ±200°
J5..... ±140°
J6..... ±450°

Robot Controllers

R-J3iB >

Robot Applications

Assembly > Laser Cutting >
Dispensing > Material Handling >
Electron Beam > Material Removal >
Flux Cored Welding > Sanding >