



M-10iA/10S – AM-100iC/10s



Erhöhte Reichweite. Der Nachfolger der M-6iB Serie

■ Der neue Robotertyp M-10iA/10S – AM 100iC/10S

- » Nachfolger vom M-6iB/6S
- » Hohle Achskonstruktion
- » 10 kg Tragkraft
- » 5 kg leichter als M-6iB
- » Erhöhte Reichweite
- » Identischer Fußabdruck wie M-10iA
- » Identischer Flansch wie M-10iA



Model		M-10iA/10S	M-6iB/6S
Controlled axes		6 axes (J1, J2, J3, J4, J5, J6)	6 axes (J1, J2, J3, J4, J5, J6)
Reach		1,098 mm	951 mm
Installation		Floor, Upside-down, Angle mount	Floor, Upside-down, Angle mount
Motion range (Max. speed)	J1 axis rotation	340° / 360° (220 °/sec) 5.93 rad / 6.28 rad (3.84 rad/sec)	340° / 360° (200 °/sec) 5.93 rad / 6.28 rad (3.49 rad/sec)
	J2 axis rotation	250° (230 °/sec) 4.36 rad (4.01 rad/sec)	250° (200 °/sec) 4.36 rad (3.49 rad/sec)
	J3 axis rotation	340° (270 °/sec) 5.93 rad (4.71 rad/sec)	310° (260 °/sec / 200 °/sec [6kg/10kg]) 5.41 rad (4.54 rad/sec / 3.49 rad/sec [6kg/10kg])
	J4 axis wrist rotation	380° (410 °/sec) 6.63 rad (7.16 rad/sec)	380° (400 °/sec) 6.63 rad (6.98 rad/sec)
	J5 axis wrist swing	280° (410 °/sec) 4.89 rad (7.16 rad/sec)	280° (400 °/sec) 4.89 rad (6.98 rad/sec)
	J6 axis wrist rotation	720° (720 °/sec / 610 °/sec [6kg/10kg]) 12.57 rad (12.57 rad/sec / 10.65 rad/sec [6kg/10kg])	720° (720 °/sec / 520 °/sec [6kg/10kg]) 12.57 rad (12.57 rad/sec / 9.08 rad/sec [6kg/10kg])
Max. load capacity at wrist		10 kg	6 / 10 kg
Allowable load moment at wrist	J4 axis	22.0 N·m	15.7 N·m
	J5 axis	22.0 N·m	9.8 / 15.7 N·m [6kg/10kg]
	J6 axis	5.9 / 9.8 N·m [6kg/10kg]	5.9 / 6.9 N·m [6kg/10kg]
Allowable load inertia at wrist	J4 axis	0.63 kg·m ²	0.63 kg·m ²
	J5 axis	0.63 kg·m ²	0.22 / 0.36 kg·m ² [6kg/10kg]
	J6 axis	0.061 / 0.15 kg·m ² [6kg/10kg]	0.061 / 0.064 kg·m ² [6kg/10kg]
Mass		130 kg Note1)	135 kg Note1)