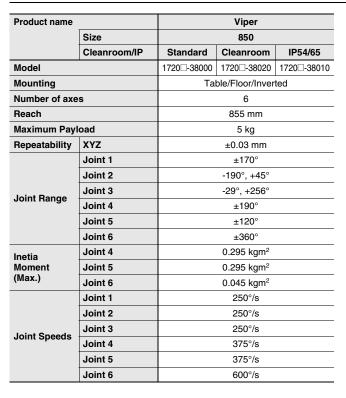
Articulated Robots

iper 850

Articulated robot for machining, assembly, and material handling

- Ethernet capability to control the robot through the familiar programming language (IEC 61131-3) of Machine Automation Controller NJ/NX/NY
- Diagnostics display enables faster trouble shooting
- High-resolution, absolute encoders to provide high accuracy, superior slow-speed following, and easy calibration
- High-efficiency, low-inertia Harmonic Drives and a lightweight arm to deliver maximum acceleration
- Reach 855 mm
- Maximum payload 5 kg
- · Weight 36 kg





Product name		Viper				
	Size	850				
	Cleanroom/IP	Standard	Cleanroom	IP54/65		
Power Requirements		24VDC: 6A 200 to 240VAC: 10A, single-phase				
Protection	Base	IP40	IP40	IP54		
	Robot Joints (J4, J5, J6)	IP40	IP40	IP65		
Clean Class			Class10			
Environment Requirements	Ambient Temperature	5 to 40°C				
	Humidity Range	5 to 90% (non-condensing)				
Weight		36 kg				
cULus Compliant						
Basic configuration	Controller	eMotionBlox-60R				
	On-board I/O (Input/Output)	12/8				
	Conveyor tracking input	2				
	RS-232C serial communications port	1				
	Programming environment	ACE, PackXpert, ePLC				
	ACE Sight	Yes				
	ePLC Connect	Yes				
	ePLC I/O	Yes				
Connectable controller *1		eMotionBlox-60R, SmartController EX NJ/NX/NY Series *2				



^{*2.} The robot version 2.3.C or later is required to connect with the NJ/ NX/NY Series.

Dimensions (Unit: mm)

Viper 850

779.88

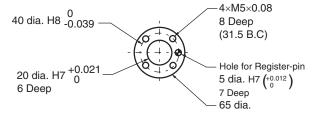
eMotion Blox -60R



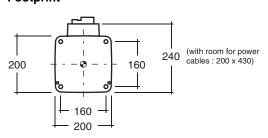
Front panel



Flange



Footprint



Robot Parts Code and Bundled Accessories

Туре	Viper			Viper Add-On			
Cleanroom/IP	Standard	Cleanroom	IP54/65	Standard	Cleanroom	IP54/65	
Viper 850	17201-38000	17201-38020	17201-38010	17203-38000	17203-38020	17203-38010	
Overview	Robot + eMotionBlox60N amplifier with fully integrated controls			Robot + eMotionBlox60N + required connection cables			
Purpose	Typical for use in single robot system			Typically added to systems with an existing SmartController EX to create multi-robot systems			
Bundled Accessories	XSYS cable with jumpers, 1.8m/6ft (13323-000) Front panel kit (90356-10358) Arm power/signal cable, 4m (05020-000)			 XSYS cable with jumpers, 1.8m/6ft (13323-000) XSYS cable, 5m/15 ft (11585-000) DB9 splitter (00411-000) 1394 latch cable, 5m/15 ft (13632-045) eV+ license to connect to controller (14529-103) 			