

DATA SHEET

NEX20

ROBOT

Long-reach robotic solution combines high payload capacity, adaptive sensing, and fast motion performance to support intelligent handling, CNC tending, material transfer, and large-part assembly applications.

KEY BENEFITS

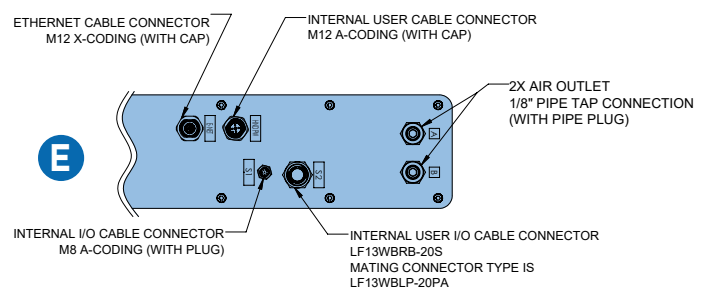
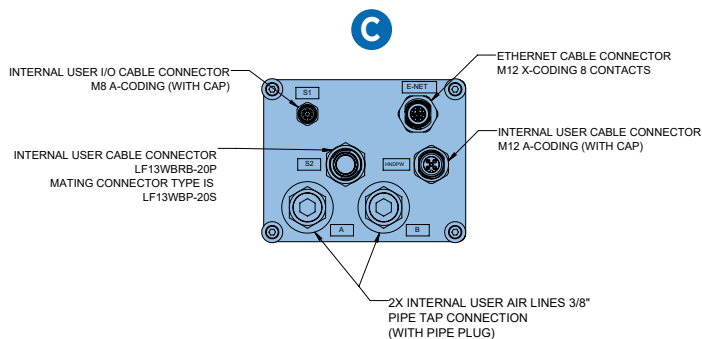
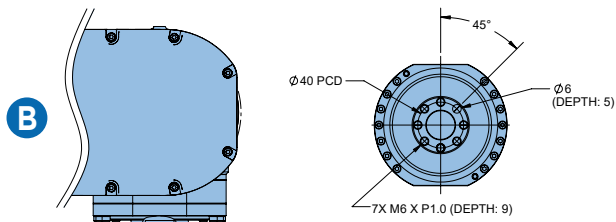
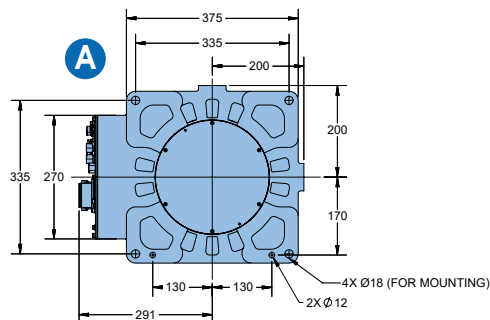
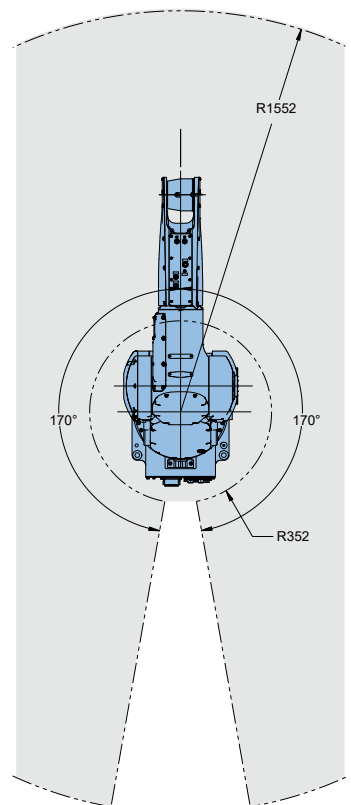
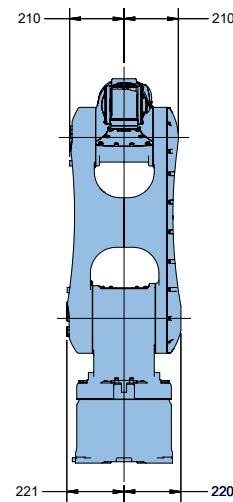
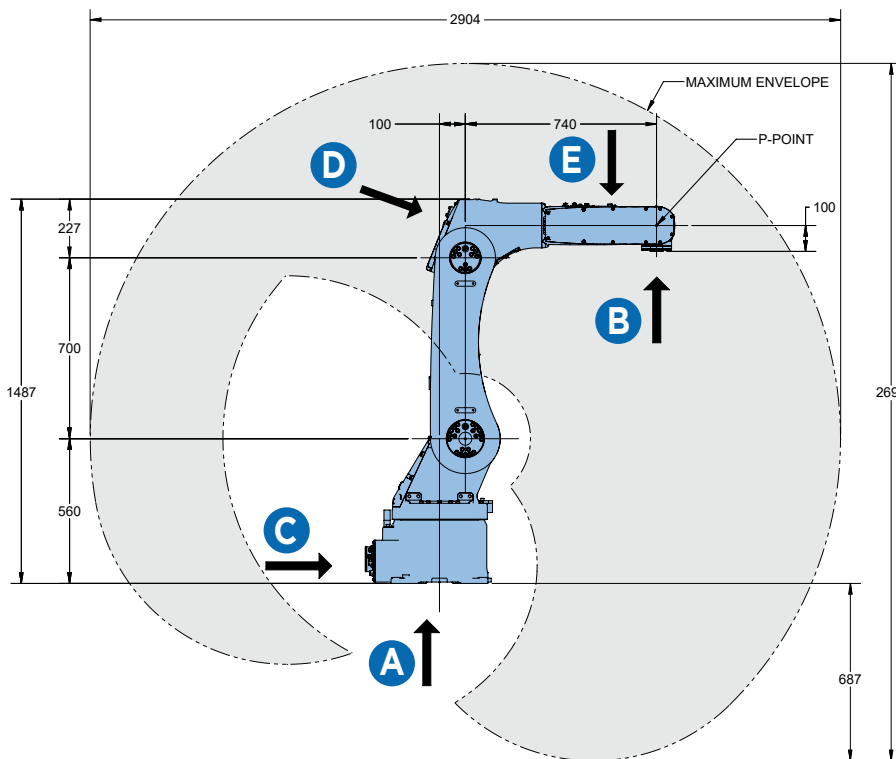
- True Autonomous Adaptivity To Unstructured Environments.
- Incorporates Advanced, High-Inertia Sigma-X Servomotors
- Outstanding Positioning Accuracy And Absolute Accuracy, Designed To Minimize The Physical “Gap” Between Simulated Models And Real-World Execution.



APPLICATIONS ☒ ASSEMBLY | HANDLING & TENDING | WAREHOUSE AUTOMATION | AUTOMOTIVE & HEAVY MANUFACTURING

ITEM	DESCRIPTION
Controlled Axes	6
Maximum Payload	20 kg
Repeatability	0.02 mm
Reach	1552 mm
Weight	225 kg
Power Requirement	2 kVA
Clean Rating	IP67
Mounting Options	Floor, Wall, Tilt, or Ceiling

AXES	MAX MOTION RANGE	MAX SPEED	ALLOWABLE MOMENT	ALLOWABLE MOMENT OF INERTIA
	degrees	°/sec	N·m	kg·m ²
S - Swivel Base	±170	240	-	-
L - Lower Arm	+135/-100	240	-	-
U - Upper Arm	+180/-80	300	-	-
R - Arm Roll	±200	430	52	2.2
B - Wrist Bend	+225/-45	430	52	2.2
T - Tool Flange	±360	900	32	1.2



ALLOWABLE WRIST LOAD

