

MODEL		BX100N	BX200L
Degrees of Freedom		6 Axis	
Maximum Reach*1		2200 mm	2597 mm
Maximum Payload		100 kg	200 kg
Maximum Stroke	Axis 1	±160 °	±160 °
	Axis 2	+120 ° ~ -65 °	+76 ° ~ -60 °
	Axis 3	+90 ° ~ -77 °	+90 ° ~ -75 °
	Axis 4	+210 ° ~ -210 °	+210 ° ~ -210 °
	Axis 5	+125 ° ~ -125 °	+125 ° ~ -125 °
	Axis 6	+210 ° ~ -210 °	+210 ° ~ -210 °
Maximum Speed	Axis 1	135 °/s	105 °/s
	Axis 2	110 °/s	90 °/s
	Axis 3	140 °/s	100 °/s
	Axis 4	200 °/s	120 °/s
	Axis 5	200 °/s	120 °/s
	Axis 6	300 °/s	200 °/s
Moment	Axis 4	588,4 N·m	1334 N·m
	Axis 5	588,4 N·m	1334 N·m
	Axis 6	294,2 N·m	588 N·m
Moment of Inertia	Axis 4	60 kg·m²	199,8 kg·m²
	Axis 5	60 kg·m²	199,8 kg·m²
	Axis 6	30 kg·m²	154,9 kg·m²
Repeatability (Measure Point: Middle of Flange Axis 6)		± 0,2 mm	
Weight		740 kg	930 kg
Max. linear Speed (Measure Point: Middle of Flange Axis 6)		5000 mm/s	
Controller		E42	
Color		Munsell 10GY9/1	
Installation		Floor or Ceiling	
Ambient Conditions	Temperature	0 ~ 45 °C	
	Humidity	35 ~ 85 % (no Dew, nor Frost allowed)	
	Others	Installation Ambience must be free of: • Inflammable or corrosive Liquid or Gas • Electric Noise Interferences	
Protection Class		Wrist Unit: IP67 / Basic Axes: IP65	

*1 Distance between Centre of Axis 1 and Axis 5..

