

## nFA-RS12-60Z40C

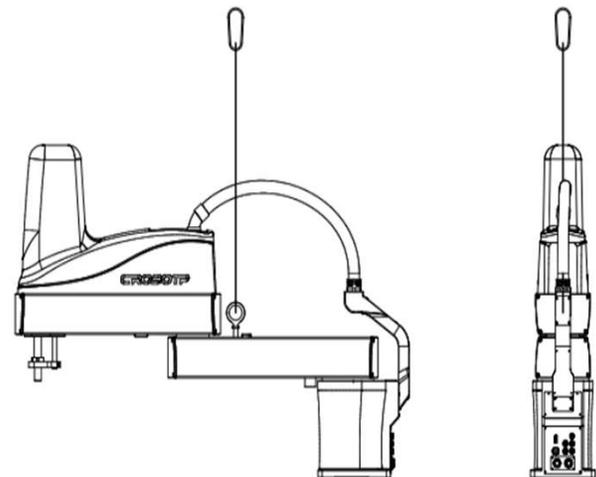


### FUNCTIONAL FEATURES

- The maximum load of the robot can reach 60kg,the arm span can reach 1200mm,andthe effective travel of the Z-axis can meet 400mm:
- Standard door type beat up to 0.79s,faster speed,fast handling;
- Robot built-in 1 gigabit network cable,can meet the need for network cable communication,reduce cable interference;
- The product structure is compact,the weight is only 120kg,combined with software algorithm processing,to achieve stable and efficient operation of the robot in practical applications.

Installation method		Countertop installation
Robot body weight		120KG
Maximum reaching distance		1200mm
Standard cycle time beat		0.79S
Maximum load		60KG
Repeated positioning accuracy	J1~J2	±0.03mm
	J3	±0.02mm
	J4	±0.005°
	J1	±130°
Maximum travel	J2	±150°
	J3	400mm
	J4	±360°
	J1~J2	8062mm/S
Maximum speed	J3	760 mm/S
	J4	669°/S
	Rated load	1 kg.m <sup>2</sup>
	Maximum load	2.4 kg.m <sup>2</sup>
User interface	circuitry	26 Pin aviation plug / Gigabit Ethernet
	electricity	φ6mm*2、/φ8mm*2 withstand voltage: 0.59MPa
Installation environment	Relative humidity	20%~80%
	Vibration	Under 0.5G
	Ambient temperature	0-40°C
Others		Robot installation must be away from: flammable or corrosive liquids or gases, electrical sources of interference
Application		Handling, sorting, loading and unloading, palletizing, soldering, dispensing, pad printing

Hoisting diagram



Installation dimension diagram

