

### nFA-RA21-70T5

#### FUNCTIONAL FEATURES

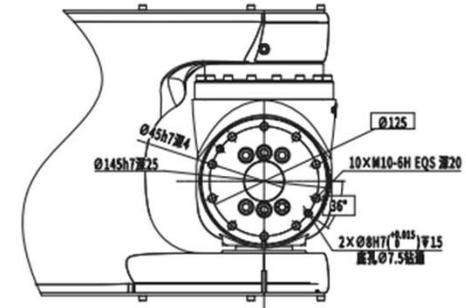
- The safety emergency stop board independent of the control system is configured, and the imported forced disconnect relay is adopted to provide double-circuit emergency stop to ensure the reliability of emergency stop.
- Built-in three-phase filter to effectively isolate external interference and prevent internal interference output.
- The body provides dual air pipes to meet the needs of transportation.
- Optimized for packaging and palletizing scenarios, with precise operation and strong power, making code work easy.



<b>Arm form</b>	Vertical multiple joints	
<b>Degree of freedom</b>	5 axis	
<b>Maximum payload</b>	70KG	
<b>Maximum travel</b>	Axis 1	-180°~180°
	Axis 2	-50°~182°
	Axis 3	-87°~135°
	Axis 4	/
	Axis 5	-35°~215°
	Axis 6	-360°~360°
<b>Maximum speed</b>	Axis 1	175°/S
	Axis 2	175°/S
	Axis 3	180°/S
	Axis 4	/
	Axis 5	250°/S
	Axis 6	340°/S
<b>Allowable torque</b>	Axis 4	/
	Axis 5	240°/S
	Axis 6	135°/S
<b>Allowable moment of inertia</b>	Axis 4	/
	Axis 5	27kg.m <sup>2</sup>
	Axis 6	11kg.m <sup>2</sup>
<b>Repeated positioning accuracy</b>	±0.04mm	
<b>Maximum reaching distance</b>	2130mm	
<b>Robot body weight</b>	540kg	
<b>Installation mode</b>	Formal, inverted, side	
<b>Noise level</b>	4	
<b>Installation environment</b>	ambient temperature	0~45°C
	relative humidity	20~80%(Nocondensation)
	vibration	Under 0.5 G
<b>Others</b>	Robot installation must be away from:flammable or corrosive liquids or gases,electrical sources of interference	
	wrist IP67, Other IP54	
<b>IP level</b>	Handling, palletizing, loading and unloading	
<b>Application</b>	G15A	
<b>Electric Cabinet Configuration</b>	G15A	

\* Measurement conditions (1) the robot is firmly fixed on a flat ground;  
 (2) Test at a distance of 2900mm from the center of rotation of joint JT1;  
 (Noise level varies according to the conditions, background noise has a certain effect)

Flange size



Working range diagram

