ER6-1400

EFORT

ER6-1400,
Maxium payload 6 kg with maxium reach 1433 mm.

- **Highlights**
  A comprehensive arc welding process software can be integrated to meet the requirements of automatic welding in various scenarios;
  Avaliable version for the education industry with disassembly possibility to meet the education requirements with intelligent manufacturing focus.
- **Applications**
  It can be used in handling, machine tending, arc welding, etc.
- **Industries**
  Suitable for plastic, metal parts, education and other industries.

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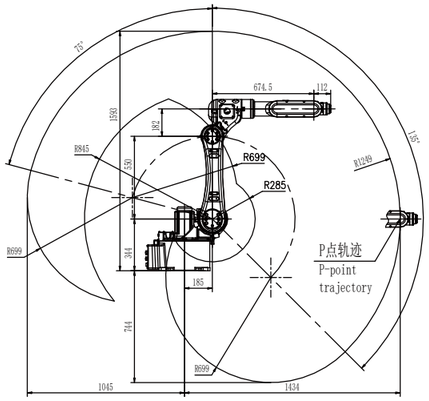
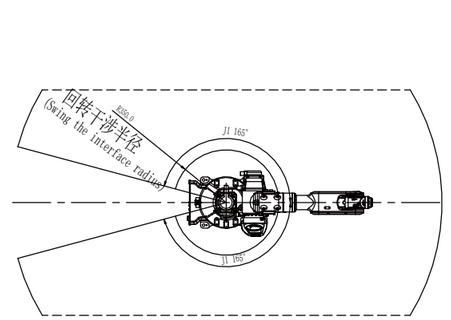
SPECIFICATIONS

Model		ER6-1400
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		6 kg
Repeatability		±0.05 mm
Robot weight		145 kg
Reach		1433 mm
Robot IP grade		IP54 / IP67 (Wrist)
Cabinet IP grade		IP54
Drive mode		AC servo drive
Installation		Floor, Upside-down, Wall, Angle
Installation enviroment	**Ambient temperature**	0~45 ℃
	Ambient humidity	RH≤80% (No dew nor frost allowed)
	Vibration acceleration	4.9 m/s^2 (＜0.5 G)

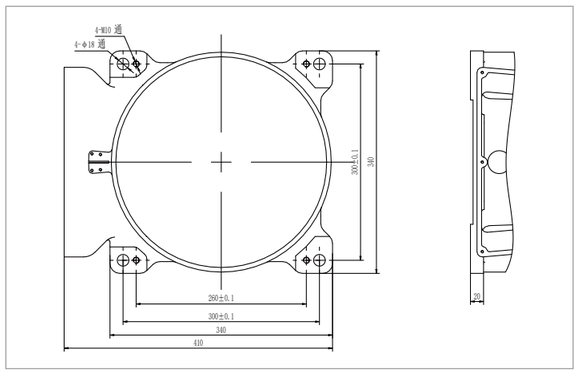
Allowable load moment at wrist	**J4**	12 N·m
	J5	12 N·m
	J6	6 N·m
Allowable load inertia at wrist	**J4**	0.4 kg·m^2
	J5	0.4 kg·m^2
	J6	0.2 kg·m^2
Maximum speed	**J1**	175°/sec
	J2	175°/sec
	J3	185°/sec
	J4	330°/sec
	J5	360°/sec
	J6	600°/sec
Motion range	**J1**	±165°
	J2	+75°/-135°
	J3	+170°/-83°
	J4	±180°
	J5	±130°
	J6	±360°

OPERATING SPACE

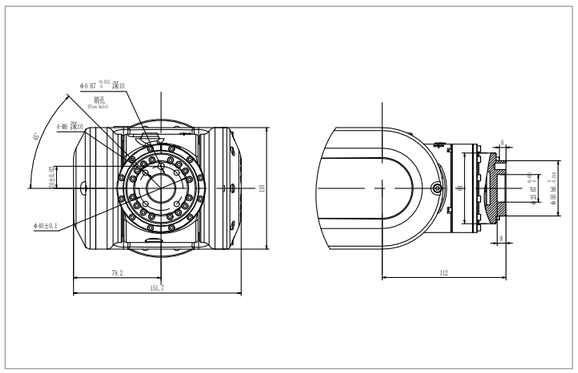




BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE



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