

Large Payload

SR270A-220/3.21

Max.load capacity at wrist 220kg,Max.reach 3218mm

- **Advantages**

Wide reach range:

The 3218mm long arm span and well-balanced link length ratio ensure excellent robot reachability.

High Rigidity:

The J5 axis utilize a backlash-free gearbox design, with all joints adopting rigid connections to greatly minimize high-speed vibration.

High Speed:

NURBS interpolation and variable velocity/acceleration planning maximize hardware performance, making equipment operation more efficient.

High Inertia:

The custom wrist motor delivers superior torque performance while meeting the demands of high-inertia application scenarios.

- **Installation** Floor

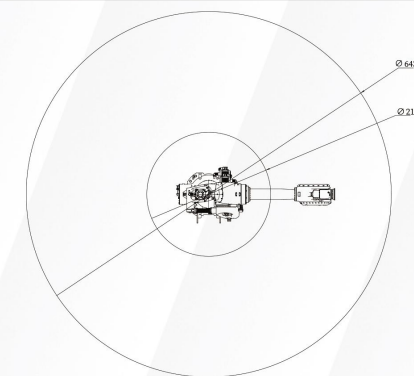
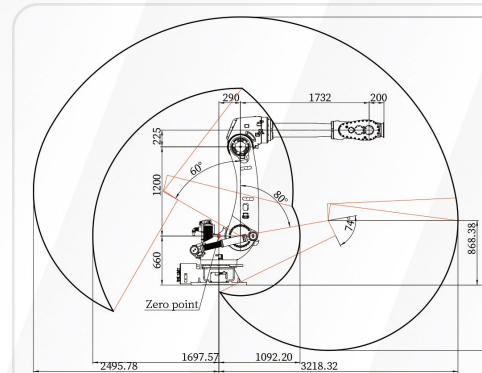


Specifications

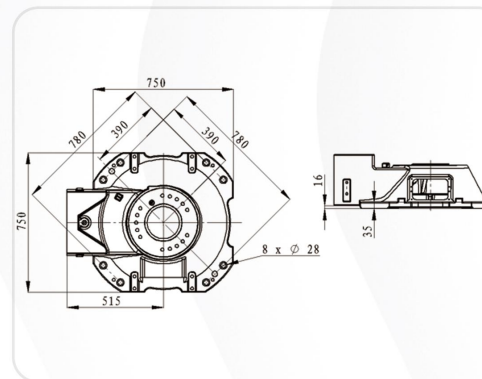
Model		SR270A-220/3.21
Payload		220kg
Control Axes		6
Robot Type		Articulated Robot
Pre-installed Singal Cables		32cores, 0.2mm² per conductor
Repeatability		±0.06mm
Max.reach		3218mm
Body Weight		1380 kg
Moment	J4	1360N·m
	J5	1360N·m
	J6	735N·m
Inertia	J4	147kg·m²
	J5	147kg·m²
	J6	82kg·m²

Motion range	J1	±180°
	J2	+ 60°, - 80°
	J3	+ 168°, - 74°
	J4	±300°
	J5	±125°
	J6	±360°
Maximum speed	J1	120°/s
	J2	100°/s
	J3	100°/s
	J4	166°/s
	J5	150°/s
	J6	220°/s
Protection	body	IP54
	wrist	IP67

 Working Range



 Base Mounting Size



End Flange Mounting Size

