

ESR3-400Z15

Suitable for industries such as electronic manufacturing, lithium batteries, automotive electronics, and photovoltaics.

Model		ESR3-400Z15
Reach		400 mm
Max. payload on wrist	Rated	1 kg
	Maximum	3 kg
Robot weight		12 kg
Maximum speed	J1+J2	7200 mm/sec
	J3	1100 mm/sec
	J4	3000°/sec
Motion range	J1	±132°
	J2	±145°
	J3	150 mm
	J4	±360°
Repeatability	J1+J2	±0.01 mm
	J3	±0.01 mm
	J4	±0.01°
Standard cycle time		0.33 s
J4 allowable moment of inertia	Rated	0.005 kg·m²
	Maximum	0.05 kg·m²
Electric lines		D-Sub 15-Pin
Pneumatic lines		φ4 mmx1,φ6 mmx2
J3 downward force		100 N
Installation		Floor
Installation enviroment	Ambient temperature	5~40℃
	Ambient humidity	RH≤80% (No dew nor frost allowed)

Technical drawing of the front view of the Air3 (white) device. The drawing shows a side profile of the device with various ports and dimensions. Labels include: 用户气管3 (Φ6白) Air3 (Φ6 white), 抱闸按钮 Brake, 指示灯 Lamp, 用户气管2 (Φ4) Air2 (Φ4), 网口 Network, 用户气管1 (Φ6黑) Air1 (Φ6 black), DB15, 4-M4X6, 6-Φ9通 (安装孔) 6-Φ9 through hole (Mounting Holes), and dimensions: 45, 175, 225, 120, 45, 30, 120, 140, 80, 126, 20, 20.

Technical drawing of a mechanical stop (Figure 1-10). The drawing shows a cross-section of a mechanical stop with various dimensions and labels. Key features include a 37.5mm total height, a 30mm section, a 10mm section, and a 15mm section. The top part is a cone with a 30-degree angle. The bottom part is a cylindrical stop with a 30mm diameter. Labels include 'φ 3, 90° 圆锥孔' (φ 3, 90° Conical hole), 'Max φ 11 through hole', 'φ 16⁺⁰/_{-0.018}', and 'φ 30机械挡块' (φ 30 mechanical stop diameter). A 1mm flat cut is indicated at the bottom.

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