

ENGINEERED TO MOVE



DIAKONT

DA108 Servo Actuator for Plastic Machinery

SPECIFICATION

SPOT WELDING

WWW.DIAKONTMOTION.COM



DA108 Technical specifications

Parameters	Units	Value
Peak force	N	5 000
Max. speed	mm/sec	80
Stroke	mm	18
Repeatability	mm	0.01
Base dimensions	mm	108x108x90.5
Base weight	kg	3.6
Protection level	N	IP54
Ambience temperature range	°C	up to 360
Service life	—	1+ million cycles
Maintenance	—	Lifetime lubrication
Cooling	—	built-in water cooling
Feedback sensor	—	absolute encoder
Voltage	—	230V

DA108 Advantages

1. Water cooling

Built-in water cooling in the actuator housing provides resistance to extreme temperatures up to 360 °C for safe operation in the manifold

2. Hollow shaft for easy pin replacement

DA108 is equipped with a hollow shaft for easy pin replacement without actuator dismounting, which makes maintenance procedures much faster and easier.

3. Single connector for easy mounting

In order to save space when installing electromechanical actuators in the manifold it is equipped with only one connector, which makes it even more convenient compared to hydraulic cylinders.