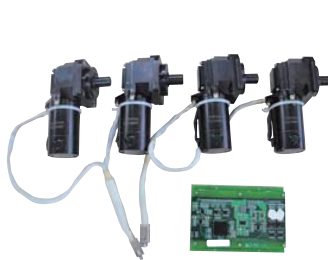


ELECTRIC ACTUATOR SYSTEM

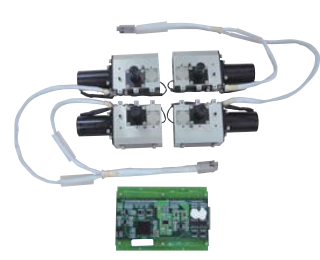
BEIJING AUTOMATION CONTROL EQUIPMENT INSTITUTE



• EAS-47



• EAS-48



• EAS-52

Overview of product

As one of the earliest manufacturers developing actuator system in China, the institute has developed three categories of actuator system including nearly 20 types of products. Main products are stated as follow: magnetic-powder-clutch-type electric actuator system, small-sized direct-control-type electric actuator system, quick-response electric actuator system etc. With many years of technical advanced research and key problem research, the institute has already mastered technologies relating to miniaturization of high-power quick-response electric actuator system, and numerical control electric actuator. These technologies are also applied widely.

Technical characteristics

It features small transmission clearance and volume, high precision and rigidity, and good rapidity and can be suitable for operation on multiple platforms.

Field of application

It is widely applied to surface control of various are vehicles.

ELECTRIC ACTUATOR SYSTEM

BEIJING AUTOMATION CONTROL EQUIPMENT INSTITUTE

TYPE	EAS-47	EAS-48	EAS-52
Performance			
Specified load (Nm)	10	5	5
Maximum load (Nm)	35	12	12
Maximum bending (Nm)	100	10	35
Operating range			
Angle range[deg]	±20	±20	±20
Rotate speed [deg/s]	≥80	≥100	≥100
Operating temperature[°C]	-40 to +60	-40 to +60	-40 to +60
Electrical			
Power supply[VDC]	28±5	28±5	28±5
	±(15±0.15)	±(15±0.15)	±(15±0.15)
	(5±0.1) x 2	(5±0.1) x 2	(5±0.1) x 2
Power consumption [W]	≤30 x 4	≤32 x 4	≤32 x 4
Physical			
Actuator Dimensions[mm]	121.4 x 60 x 60	88 x 40 x 38	112 x 39 x 50
Controller Dimensions[mm]	123.4 x 84 x 24	123.4 x 84 x 24	123.4 x 84 x 24
Weight[kg]	≤4.9	≤1.9	≤2.9

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