

Data Sheet

Electric Actuators – Rod Type



AERS 44,54,82,120

AERS – Ball Screw

Parameter	Specification
Series	AERS
Product Description	Rod Type ball Screw
Profile Sizes(mm)	44,54,82,120
Stroke Length mm	50....1250 mm
Ball screw Lead mm	2,5,6,10,12,20,32
Maximum speed (mm/sec)	1600
Repeatability (mm)	±0.01
Maximum Payload Horizontal (Kg)	110
Maximum Payload Vertical (Kg)	33
Maximum Rated thrust (N)	1388
Maximum Ball screw Ø (mm)	C7 Ø 16
Motor Power (AC Servo in W)	100, 200, 400 watts
Servo Torque (Nm)	0.32, 0.64, 1.27
Operating Voltage	AC 230V, DC 24V
Ball screw nut types	Recirculating ball nut
Motor Mounting Position	Direct Left Side Right Side Bottom Side
Motor Type	Servo Motor Step Servo
Medium temperature ° C	+5°to +40°
Medium temperature ° C	+41°to +104°
Duty cycle	100%
HSN	84129090