

## AU Series – Submittal/Technical Data

Industrial Electric Actuators – 21,300 in-lb to 70,800 in-lb

### AU Series - Technical Specifications

Technical Specifications - Actuator		
Control Type	AU-xxxx	On/Off or Floating
	AU-xxxxSV	Modulating
Power Supply	120 Vac, 60 Hz, +/- 10%, Single-Phase, Reversible, Permanent Split Capacitor Induction Motor	
Current Draw	Full Load	AU-2130 5.9 A
		AU-4068 & AU-7080 6.4 A
	Locked Rotor	14 A
Motor Protection	1 Ph-1 thermal switch 284°F (140°C) Class F insulation, tropicalized winding	
Control Module Voltage	On/Off, Floating	110 - 120 VAC
	Modulating	24 VDC
Output Aux. Voltage	On/Off, Floating	115 VAC - 30 mA
	Modulating	24 VDC - 100 mA
Feedback Signal	4 to 20 mA	
Torque	21,300 in-lb to 70,800 in-lb (2,407 Nm to 8,000 Nm)	
Control Input Signal	Modulating	4 to 20 mA
Output Contacts	6 Output contacts: 6 NO/NC without common 5A	
Output Signals	Default Setting - Fault, End pos. CLOSED End pos. OPEN, Selector sw. REMOTE, Torque fault CLOSE, Torque fault OPEN	
Terminal Strip	Power Terminals	8 to 10 AWG (6 to 10 mm <sup>2</sup> )
	Controls Contacts	14 AWG (2.5 mm <sup>2</sup> )
Enclosure	NEMA types 6P (IP68) Corrosion Protection: KS	
Heater	On/Off, Floating	120 V internal (12.5 W)
	Modulating	24 V internal (12.5 W)
Conduit Entries	Plug/socket 100 mm, 2 × 3/4" NPT; 1 × 1-1/4" NPT	
Operating Time	60 Seconds	
Angle of Rotation	92° maximum	
Manual Operation	Declutchable	To close the valve, turn handwheel clockwise.
	Override Handwheel	Drive shaft (valve) turns clockwise in close direction.
Dimensions	See Page AU-2	
Weights	AU-2130	158 lbs. (72 kg)
	AU-4068	181 lbs. (82 kg)
	AU-7080	278 lbs. (127 kg)
Ambient Temperature	-13°F to 158°F (-25°C to 70°C)	
Fail Position	Loss of supply power - Fail-in-place	
Duty Cycle	On/Off, Floating	S2 -15 min continuous, max. six starts/minute
	Modulating	S4 - 25% Intermittent duty
Life Cycle	15,000 Full Stroke Cycles; 2,500,000 Repositions at Rated Running Torque	
Certifications	CE	
Warranty	3 Years limited from time of shipment.	

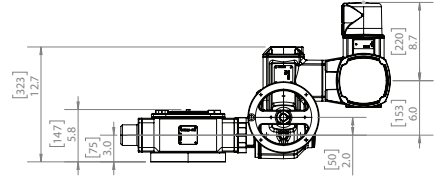
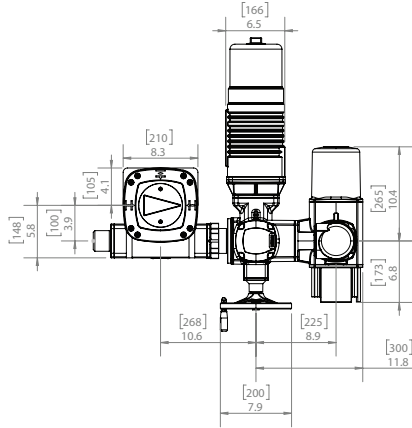
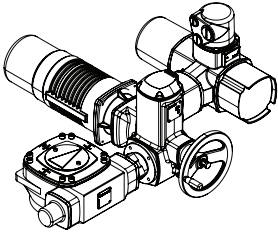
Disclaimer - The performance specifications are nominal and conform to acceptable industry standards. For application at conditions beyond these specifications consult the local Bray office. Bray, Inc. shall not be liable for damages resulting from misapplication or misuse of its products.



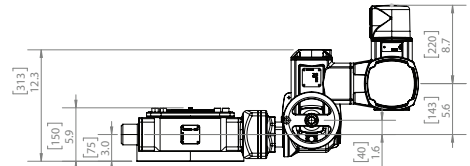
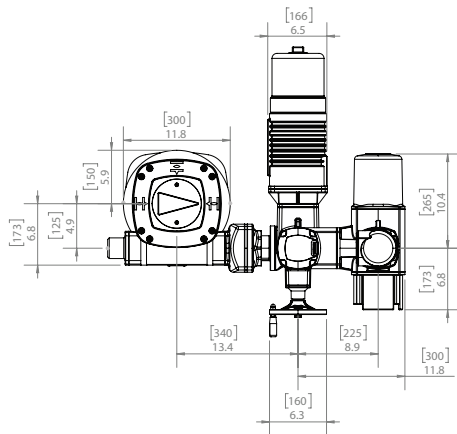
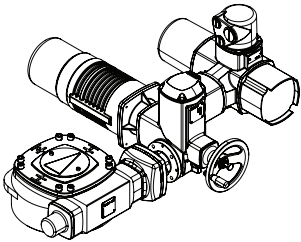


# AU Series - Dimensions

## AU-2130



## AU-4068



## AU-7080

