



PROMATION ENGINEERING

Precision Actuation for Industry

ProMation Engineering PL Series Linear Electric Actuators.



PL2000-120N4
Linear Actuator with
coupler and valve plate

Designed and engineered for
precision control valves.

Up to 2000 lbs (8.9 kN) of force
2 inches (50mm) travel

Field Selectable Stops - Travel stops can be set by location with a mechanical switch or by a rated force switch, to allow for seat wear.

Standard or Explosion Proof Enclosures - Standard location (NEMA 4X) or Hazardous Location (Class 1 Division 1) enclosures.

Proportional Control - Precision proportional control is achieved through a microcontroller based control system with 4-20mA, 1-5VDC, 0-10VDC or 2-10 VDC input and feedback; AutoCalibration and alphanumeric diagnostic indicators, to name just a few features.

Manual Override - All ProMation Engineering linear actuators come with a standard manual override that allows fast and simple manual positioning.

Height and Weight do not include linkage bars, bottom plate or coupler components

Product Family	Max Stroke		Speed		Force		Wgt (lbs/kg)		Height (in/mm)	
	mm	in	mm/sec	in/sec	lbs	kN	Standard	Hazardous	Standard	Hazardous
PL680	32	1.25	0.8	0.033	680	3	20/9	20/9	13.4/339 14.6/371*	13.4/339 14.6/371*
PL1200	50	2	1.1	0.044	1200	5.3	39/18	60/28	16.4/417	19.3/489
PL2000	50	2	0.8	0.033	2000	8.9	39/18	60/28	16.4/417	19.3/489

* Proportional Dimensions

Critical Applications

Critical flow applications are those where the downtime of the process far exceeds the cost of the control equipment. These include:

- Precise control of cooling water flow in globe valves for data centers
- Metering quenching water flow in continuous steel production for crystalline phase control
- Control of solutes in pharmaceutical processing
- Control of cooling water for marine engine operation
- Large diameter damper systems for scrubber systems

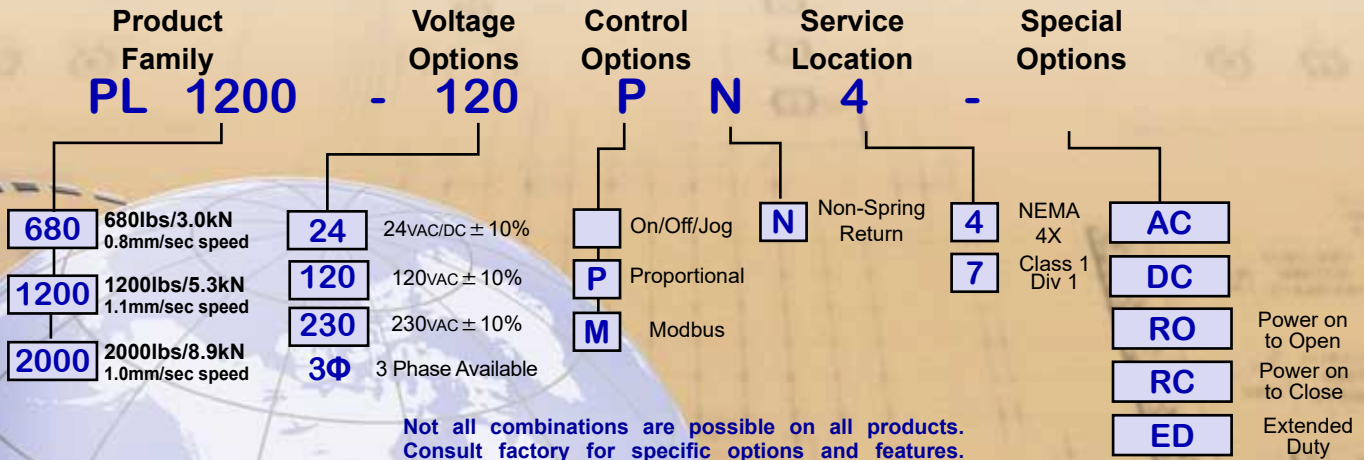
**PL1200-120N7
Linear Actuator**



Features:

- Self Locking Drive
- NEMA 4/4X, 7, 9 cast Aluminum Alloy housing
- RuggedBoard Design for internal electrical connections
- Internal Heater and Auxiliary Switches standard
- Internal Motor Thermal protection (230°F / 110°C)

Product Ordering Example:

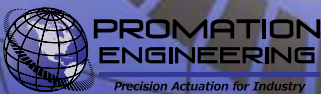


Other Options Available

- Local Control Stations
- 5-24V SCADA Compatibility
- Position Feedback for on/off units
- Wireless on/off control



LCS-K Local Control Station



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