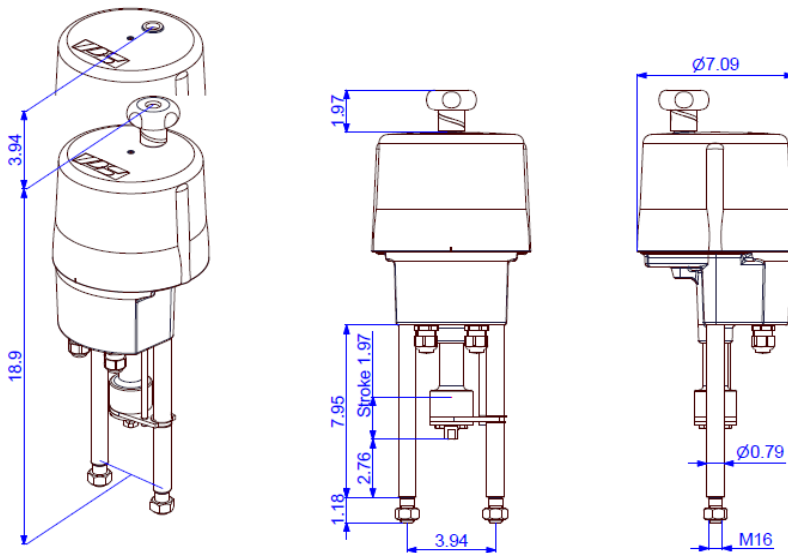


Electric Linear Actuator

PSL202



Approx. weight: 9.92 lbs without accessories

449.6 lbf
Max. Thrust)¹

18.14 - 101.6 Secs/In.
Stroke Speed

max. 1.97 In.
Stroke

Modulating Actuator
Class C
DIN EN ISO 22153

Enclosure IP65
EN 60529

Stroke Speed	50.8 Secs/In. [50 Hz] / 42.3 Secs/In. [60 Hz]				56.4 Secs/In.
Power Supply [V]	230 VAC 1~	115 VAC 1~	24 VAC 1~	400 V 3~	24 VDC
Frequency [Hz]	50 / 60	50 / 60	50 / 60		-
Nominal Current [A]	0.05	0.1	0.5		0.35
Max. Current [A]	0.07	0.13	0.6		0.63
Power Consumption) ² [W]	12	12	12		8
Duty Cycle as per IEC 60034-1	S2 30 min / S4 50% ED @ 77°F				see left
Ambient Temperature [°F]	-4°F to +176°F (S2) / -4°F to +140°F (S4)				see left
Overvoltage Category	II				II
Motor Protection	blockable				Multifuse

PSL202

Stroke Speed	101.6 Secs/In. [50 Hz] / 84.7 Secs/In. [60 Hz]			
Power Supply [V]	230 VAC 1~	115 VAC 1~	24 VAC 1~	400 V 3~
Frequency [Hz]	50 / 60	50 / 60	50 / 60	
Nominal Current [A]	0.03	0.07	0.33	
Max. Current [A]	0.04	0.08	0.4	
Power Consumption) ² [W]	8	8	8	
Duty Cycle as per IEC 60034-1	S2 30 min / S4 50% ED @ 77°F			
Ambient Temperature [°F]	-4°F to +176°F (S2) / -4°F to +140°F (S4)			
Overvoltage Category	II			
Motor Protection	blockable			

PSL202.1

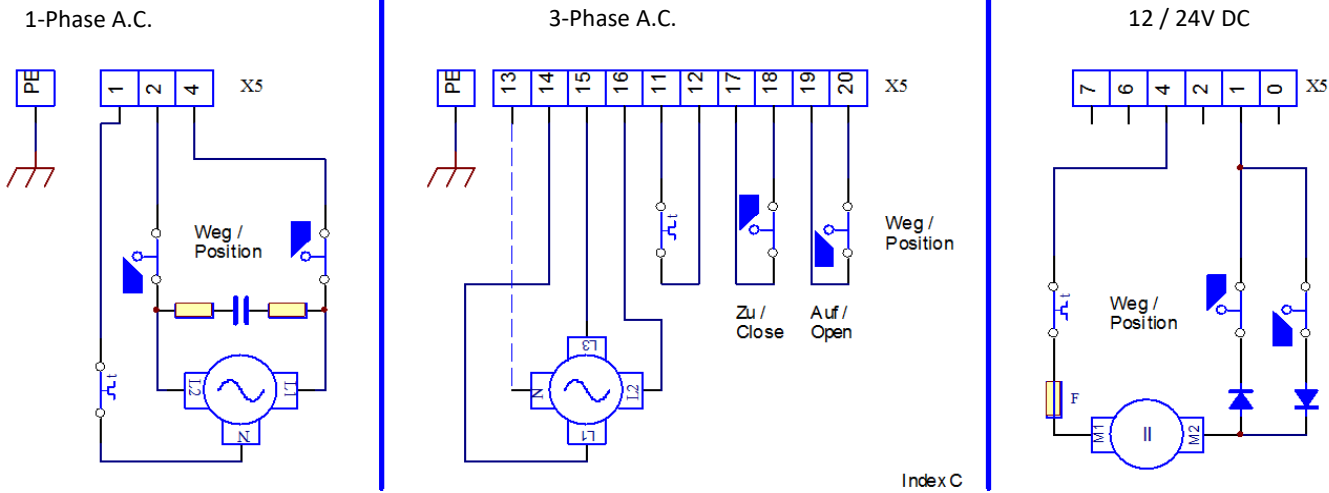
Stroke Speed	18.14 Secs/In. [50 Hz] / 14.9 Secs/In. [60 Hz]				25.4 Secs/In.
Power Supply [V]	230 VAC 1~	115 VAC 1~	24 VAC 1~	400 V 3~	24 VDC
Frequency [Hz]	50 / 60	50 / 60	50 / 60	50 / 60	-
Nominal Current [A]	0.11	0.22	1	0.13	1
Max. Current [A]	0.13	0.26	1.3	0.18	2.5
Power Consumption) ² [W]	25	25	25	30	12
Duty Cycle as per IEC 60034-1	S2 30 min / S4 50% ED @ 77°F				
Ambient Temperature [°F]	-4°F to +176°F (S2) / -4°F to +140°F (S4)				
Overvoltage Category	II				
Motor Protection	Thermo switch				Multifuse

PSL202.2

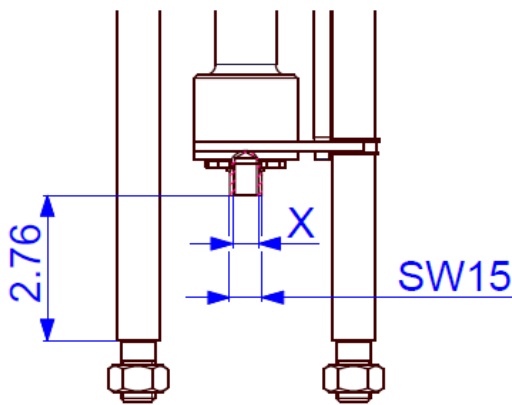
Standard	Description	Standard equipment
Conduit entries	2 pcs. M20 x 1,5	

¹=permissible average thrust over the entire travel is 50% of the max. thrust

Wiring Termination



Dimensions of the PS-Standard-Adaptation

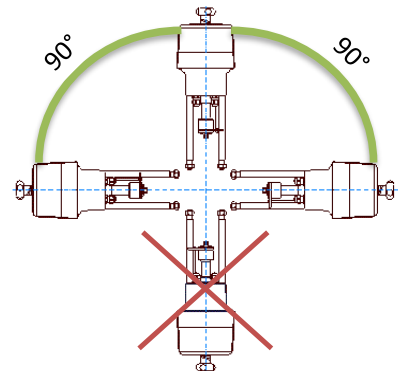


Connection Thread X

M8	Optional
M10	Optional
M12	Standard
M14	Optional
M16	Optional

Fine threaded and other sizes on request!

Mounting Position



Accessories/ Options	Supply Voltage	230 VAC 1~	115 VAC 1~	24 VAC 1~	400 V 3~	24 VDC
	Position Signal Switches 2WE	2WE	•	•	•	•
Position Signal Switches Gold	Gold	•	•	•	•	•
Positioner	PSAP	•	•	•	•)³	
Position Transmitter	PSPT	•	•	•	•	•
Space Heating	HR	•	•	•	•)⁴	•
Potentiometer	PD	•	•	•	•	•
Reversing Starter Contactor	WSM01				•	
IP67 Metal Cover	IP67	Increase of enclosure to IP67				
IP68 Metal Cover	IP68	IP68)⁵ incl. space heater HR				

For more information and accessories, please visit our website www.ps-automation.com!

• = available, for further information see respective datasheet

)³ = only to be used with reversing starter contactor

)⁴ = supply voltage 24 V or 115-230 V

)⁵ = IP68, no ingress of dust and suitable for continuous immersion in water up to 6 m and 96 h

Subject to changes!