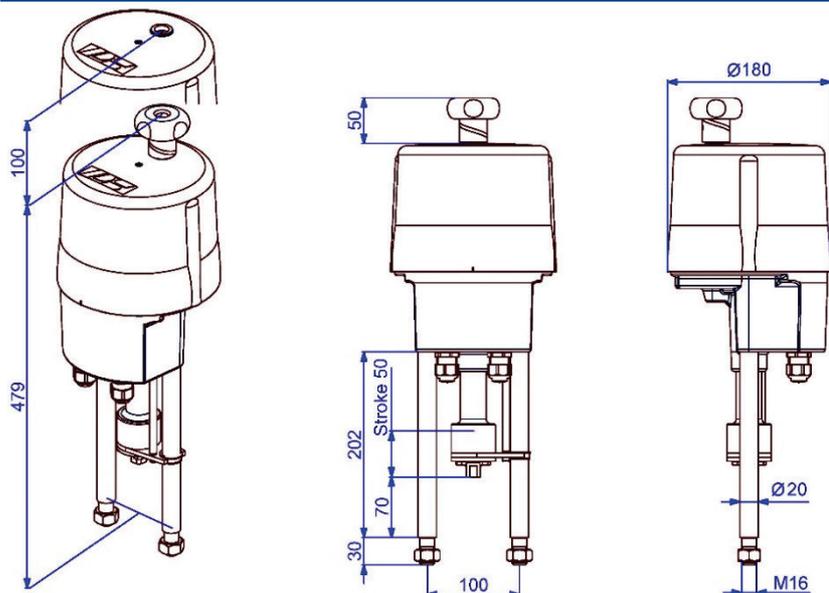


Electric Linear Actuator

PSL202



Dimensions are only valid up to and including connection M12!

Approx. weight: 4.5 kg without accessories

2 kN
Max. Thrust)¹

0.25 - 1.4 mm/s
Operating Speed

max. 50 mm
Stroke

Modulating Actuator
Class C
acc. EN ISO 22153

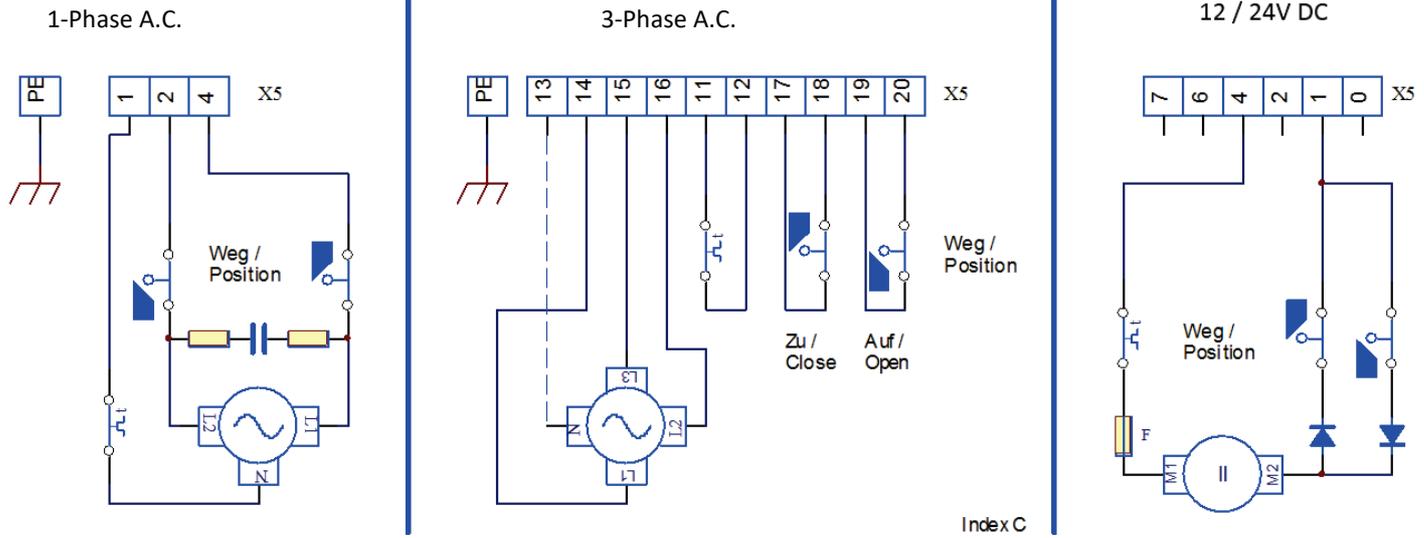
Enclosure IP65
EN 60529

Velocity	0,5 mm/s [50 Hz] / 0,6 mm/s [60 Hz]					PSL202
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		-	
Normal Current [A]	0.05	0.1	0.5		0.35	
Maximum Current [A]	0.07	0.13	0.6		0.63	
Power Consumption) ² [W]	12	12	12		8	
Duty Cycle IEC 60034-1	S2 30 min / S4 50% ED @ 25°C				see left	
Ambient Temperature [°C]	-20°C to +80°C (S2) / -20°C to +60°C (S4)				see left	
Overvoltage Category	II				II	
Motor Protection	blockable				Multifuse	
Velocity	0,25 mm/s [50 Hz] / 0,3 mm/s [60 Hz]					PSL202.1
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			
Normal Current [A]	0.03	0.07	0.33			
Maximum Current [A]	0.04	0.08	0.4			
Power Consumption) ² [W]	8	8	8			
Duty Cycle IEC 60034-1	S2 30 min / S4 50% ED @ 25°C					
Ambient Temperature [°C]	-20°C to +80°C (S2) / -20°C to +60°C (S4)					
Overvoltage Category	II					
Motor Protection	blockable					
Velocity	1,4 mm/s [50Hz] / 1,7 mm/s [60Hz]				1 mm/s	PSL202.2
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	-	
Normal Current [A]	0.11	0.22	1	0.13	1	
Maximum Current [A]	0.13	0.26	1.3	0.18	2.5	
Power Consumption) ² [W]	25	25	25	30	12	
Duty Cycle IEC 60034-1	S2 30 min / S4 50% ED @ 25°C					
Ambient Temperature [°C]	-20°C to +80°C (S2) / -20°C to +60°C (S4)					
Overvoltage Category	II					
Motor Protection	Thermo switch				Multifuse	
Standard	Description					Standard Equipment
Cable Glands	2 pcs. M 20 x 1,5					

)¹ = Permissible average thrust over the entire travel is 50% of the max. thrust
)² = at max. thrust



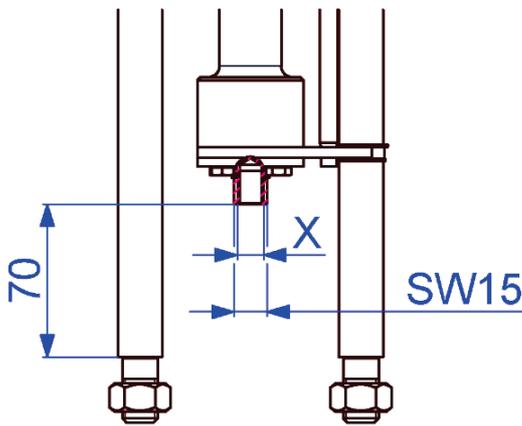
Wiring Diagram



Dimension of the PS-Standard-Adaption

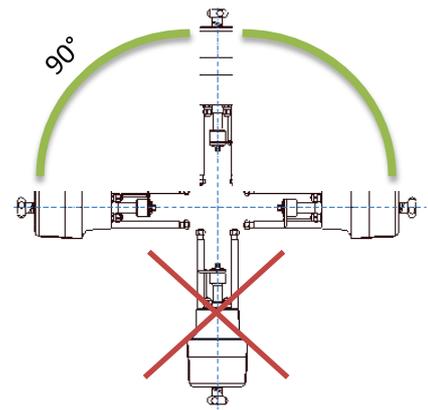
Connection Thread X

Mounting Position



M8	Optional
M10	Optional
M12	Standard
M14	Optional
M16	Optional

Fine Threaded and other sizes on request!



Accessories/ Options	Power Supply	230 VAC 1~	115 VAC 1~	24 VAC 1 ~	400 V 3~	24 VDC
	Add'l Position Switches 2WE	•	•	•	•	•
	Add'l Position Switches Gold 2WE Gold	•	•	•	•	•
	Positioner PSAP	•	•	•	•) ³	
	Position Transmitter PSPT	•	•	•	•	•
	Heating Resistor HR	•	•	•	•) ⁴	•
	Potentiometer PD	•	•	•	•	•
	Reversing Starter Contactor WSM01				•	
	IP67 Metal Cover IP67	Increase of enclosure to IP67				
	IP68 Metal Cover IP68	IP68) ⁵ incl. heating resistor				

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

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

Subject to changes!