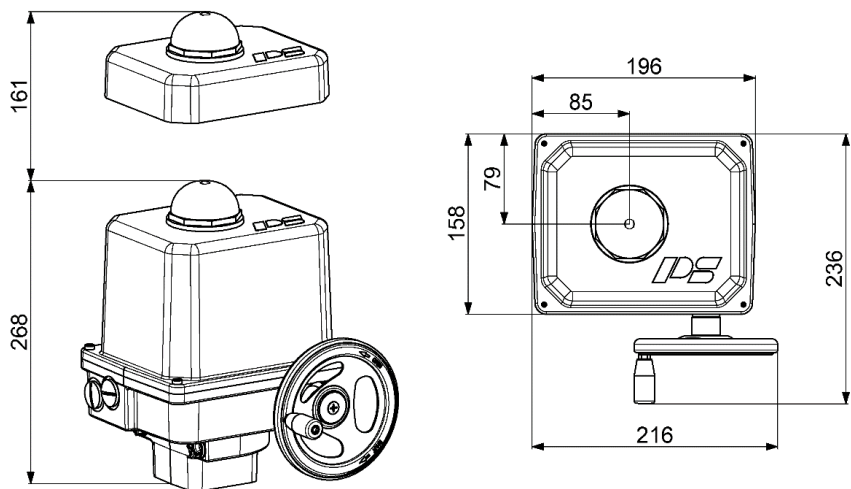


Electric Quarter-Turn Actuator

PSQ103



150 Nm
Switching torque)¹

32 s
Op. Time/90°

Flange
F05 + F07

Modulating Actuator
Class C
acc. EN ISO 22153

Enclosure IP67
EN 60529

Approx. weight: 7.6 kg without accessories

Operating Time/90°		32 s [50 Hz] / 27 s [60 Hz]				
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]		0,27 / 0,23		2,7 / 2,3	0,12	
Maximum Current [A]		0,33 / 0,28		3,3 / 2,8	0,15	
Power Consumption) ² [W]		62 / 53		62 / 52	51	
Duty Cycle IEC 60034-1,8		S2 30 min / S4 50% ED - 1200c/h				
Ambient Temperature [°C]		-20°C to +80°C (S2) / -20°C to +60°C (S4)				
Low Temperatur Version		-40°C to +60°C optional				
Overvoltage Category		II				
Motor Protection		Thermo Switch) ³				Multifuse

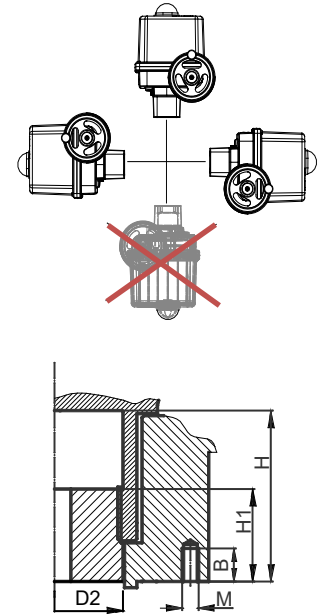
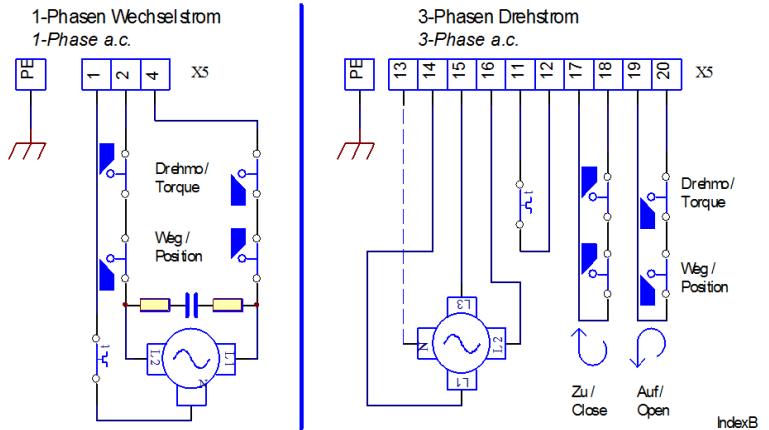
PSQ103
150 Nm

)¹ = Permissible average thrust over the entire travel is 50% of the max. thrust
)³ = Thermo switch must be wired externally at 400 VAC 3~

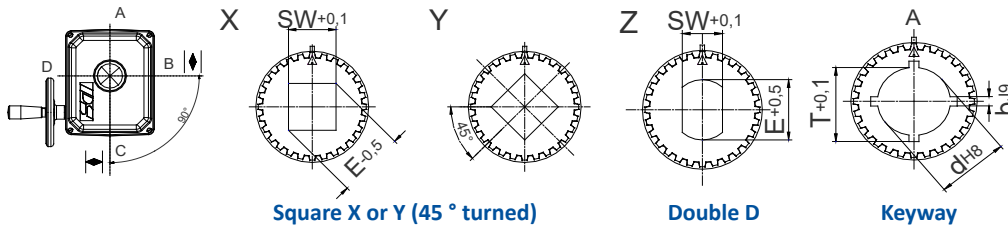
)² = at switching torque and 50 Hz

Electrical Connection Plan

Mounting Position



Available Drive Bushes



	F05	F07
D2	38	38
H	44	44
H1	35	35
M	M6	M18
B	12	16

Please check the drive bushes datasheet for the available sizes!
Other customized drive bushes on request!

Accessories/Options	Power Supply		230 VAC 1~	400 V 3~	24 VAC 1 ~	115 VAC 1~	24 VDC	
	Add'l Position Switches	2WE	•	•	•			
	Add'l Position Switches	2WE	•	•	•			
	Gold	Gold						
	Add'l Torque Switches	2DE	•	•	•			
	Add'l Torque Switches	2DE	•	•	•			
	Gold	Gold						
	Positioner	PSAP	•	•) ⁴	•) ⁵			
	Position Transmitter	PSPT	•	•	•			
	Heating Resistor	HR	•	•) ⁶	•			
	Potentiometer	PD	•	•	•			
Reversing Starter Contactor	WSM01		•					
Corrosion Protection	K2	Increased corrosion protection incl. heating resistor						
Increased enclosure	IP	IP68) ⁷ incl. heating resistor & corrosion protection K2						

• available, for further information see respective datasheet
⁴ = only to be used with reversing starter contactor
⁵ = PSAP with external relay required (Version .../R)
⁶ = supply voltage 24 V or 115-230 V possible
⁷ = 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!