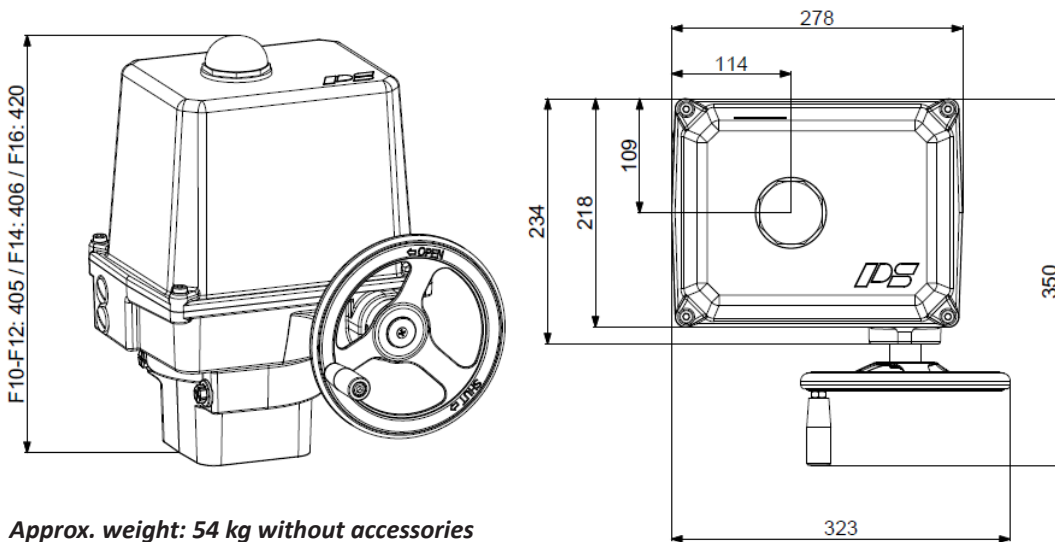


Electric Quarter-Turn Actuator

PSQ3003



Approx. weight: 54 kg without accessories

3000 Nm
Switching torque)¹

120 - 240 s
Operating Time/90°

Flange
F16

Modulating Actuator
Class C
acc. EN ISO 22153

Enclosure IP67
EN 60529

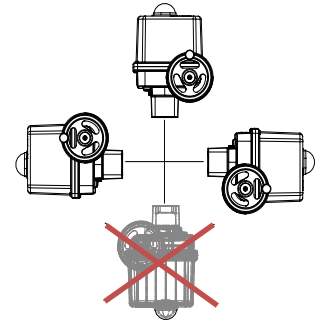
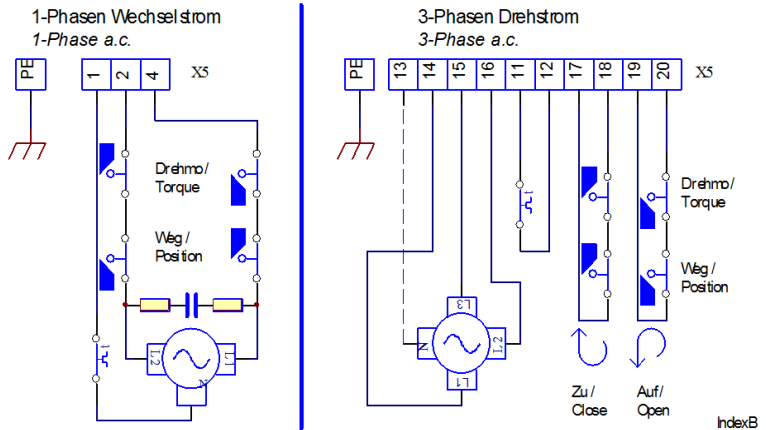
Operating Time/90°	120 s [50 Hz]/100 s [60 Hz]			240 s/200 s	172 s	PSQ3003 3000 Nm
	Power Supply [V]	230 VAC 1~	115 VAC 1~	24 VAC 1~	400 V 3~	
Frequency [Hz]	50 / 60			50 / 60	-	
Normal Current [A]	1.7			0.5	5.5	
Maximum Current [A]	2.3			1.3	50	
Power Consumption) ² [W]	355			220	135	
Duty Cycle IEC 60034-1,8	S2 15 min/S4 50% ED			S2 30 min/S4 50% ED - 1200 c/h		
Ambient Temperature [°C]	see right			-20°C to +80°C (S2)/-20°C to +60°C (S4)		
Overvoltage Category	see right			II		
Motor Protection	Thermo switch) ³			Thermo switch) ³	Multifuse	

)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~

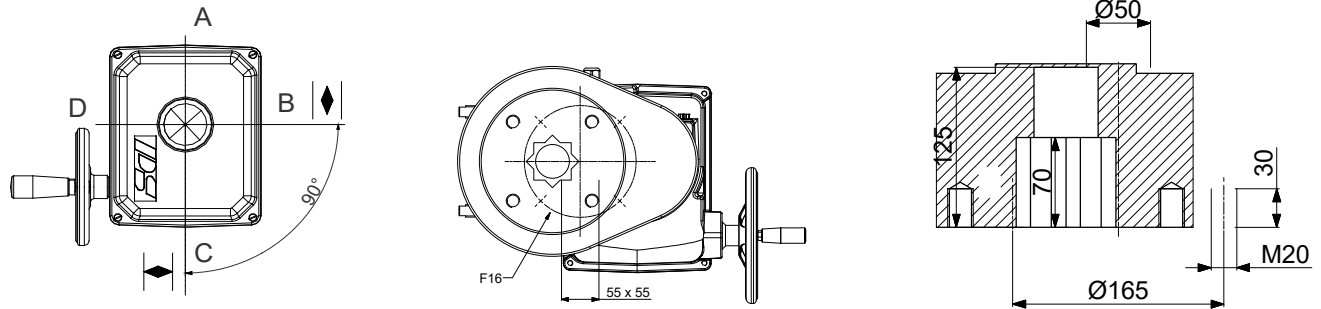
)² = at switching torque and 50 Hz

Electrical Connection Plan

Mounting Position



Mechanical Connection



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	•	•	•	•	•
	Add'l Torque Switches	2DE	•	•	•	•	•
	Add'l Torque Switches Gold	2DE Gold	•	•	•	•	•
	Positioner	PSAP	•	•) ⁴	•) ⁴	•) ⁵	
	Position Transmitter	PSPT	•	•	•	•	•
	Heating Resistor	HR	•	•	•	•) ⁶	•
	Potentiometer	PD	•	•	•	•	•
	Reversing Starter Contactor	WSM01				•	
Increased enclosure	IP	IP68) ⁴ incl. heating resistor and corrosion protection K2					

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

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

Subject to changes!