PSQ-E

AUTOMATION
we care for actuation

The efficient quarter-turn actuator

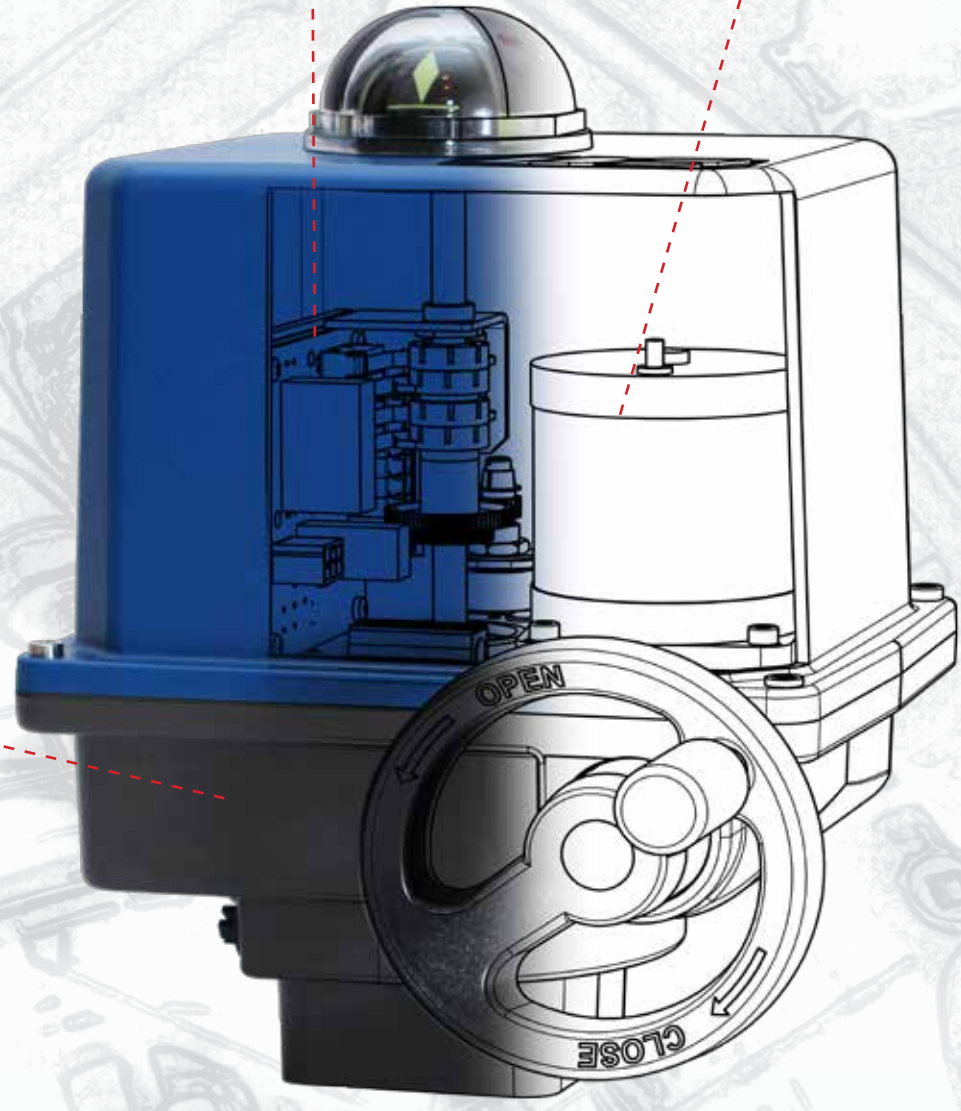
100 Nm - 150 Nm based on the proven PSQ102

Pre-adjusted switching cams
2 x position and 2 x signal switches

Spring-loaded terminals

Metal main frame

Synchronous motor
Motor blockable, integrated thermo switch.



Robust „Wolfrom"-planetary gear
Reduced power consumption due to highly efficient gear.

IP67 Polycarbonate cover
with easily visible position indicator.

Drive bush integrated
Double square drive, size 22 mm in the output wheel (Reduction pieces available for Square / Double D).

Comfortable manual override
without locking mechanism. The handwheel does not rotate during motor operation.

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Technical Data

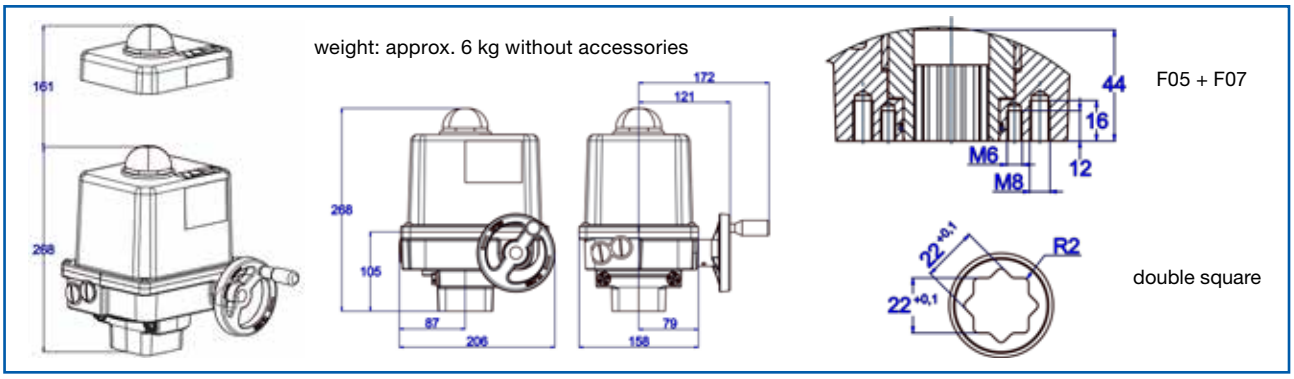
PSQ-E100

Maximum torque	Nm			100		
Power supply	V	**230 VAC 1~**	**115 VAC 1~**	**24 VAC 1~**	**400 VAC 3~**	**24 VDC**
Operating time/90° [50 Hz / 60 Hz]	s			23 / 19		24
Nominal current	A	0.12	0.23	1.1	0.047)[3]	0.8
Maximum current	A	0.14	0.28	1.3	0.07)[3]	2.8
Power consumption)[2]	W	26	26	26	28	19
Duty cycle IEC 60034-1,8				S2 - 30 min, S3/S4 1200 c/h - 50% ED at 25°C		
Ambient temperature	°C			-25°C to +70°C		
Overvoltage category				II		
Motor protection				Thermo switch)[1]		Multifuse

PSQ-E150

Maximum torque	**Nm**			150		
Power supply	V	**230 VAC 1~**	**115 VAC 1~**	**24 VAC 1~**	**400 VAC 3~**	**24 VDC**
Operating time/90° [50 Hz / 60 Hz]	s			23 / 19		24
Nominal current	A	0.17	0.3	1.44	0.075)[3]	1.3
Maximum current	A	0.20	0.36	1.73	0.13)[3]	2.8
Power consumption)[2]	W	39	34	34	45	31
Duty cycle IEC 60034-1,8				S2 - 30 min, S3/S4 1200 c/h - 50% ED at 25°C		
Ambient temperature	°C			-25°C to +70°C		
Overvoltage category				II		
Motor protection				Thermo switch)[1]		Multifuse

)[1] Thermo switch must be wired externally at 400VAC 3~
)[2] at maximum torque and 50 Hz
)[3] per phase



PS Automation GmbH

Philipp-Krämer-Ring 13 • D-67098 Bad Dürkheim
+49 (0) 6322-94980-0 • info@ps-automation.com
www.ps-automation.com

Engineered and Made in Germany