

**General information**

AUMA part-turn actuators PF-Q80 – PF-Q600 are equipped with integral controls.

Type		Operating time for 90° <sup>1)</sup> [Seconds]	Torque range <sup>2)</sup> Max. [Nm]	Modulating torque <sup>3)</sup> Max. [Nm]	Power <sup>4)</sup> P <sub>N</sub> [W]	Nominal current <sup>5)</sup>		Max. current <sup>6)</sup>	
PF-Q	Power level					100 V I <sub>N</sub> [A]	240 V I <sub>N</sub> [A]	100 V I <sub>Max</sub> [A]	240 V I <sub>Max</sub> [A]
80	V1	16 – 160	32 – 80	40	22	0.4	0.2	0.7	0.3
	V2	8 – 80			33	0.6	0.3	1.1	0.5
	V3	4 – 40			52	0.9	0.4	1.8	0.8
150	V1	32 – 320	60 – 150	75	22	0.4	0.2	0.7	0.3
	V2	16 – 160			30	0.5	0.2	1.0	0.4
	V3	8 – 80			52	0.9	0.4	1.8	0.8
300	V1	63 – 320	120 – 300	150	22	0.4	0.2	0.7	0.3
	V2	45 – 320			30	0.5	0.2	1.0	0.4
	V3	22 – 160			44	0.7	0.3	1.6	0.7
600	V2	75 – 320	240 – 600	300	30	0.5	0.2	1.0	0.5
	V3	45 – 320			51	0.8	0.4	1.6	0.7

- 1) The values for operating times refer to an operation across 90° of travel at a load of 70 % of the maximum torque
- 2) Adjustable tripping torque
- 3) Maximum permissible torque for modulating duty S4 - 50 %
- 4) Effective power consumed by the actuator at 35 % of maximum torque
- 5) Nominal current at 35 % of maximum torque and shortest possible operating time
- 6) Current at maximum torque and shortest possible operating time

**Notes on installation and sizing**

Motor data	Motor data is approximate. Due to usual manufacturing tolerances, there may be deviations from the values given.
Mains voltage, mains frequency	Permissible variation of mains voltage: ±10 % Permissible variation of mains frequency: ±5 %

For protection with circuit breakers, the following sizing/characteristics are recommended.

Number of actuators	Sizing/ characteristics
1	B06
2	B10
4	C13
10	D16