

Part-turn actuator				Motor						
Type	Torque range		Operating time for 90° in seconds	Power ¹⁾ P [W]	Speed [rpm]	Nominal current ²⁾ I _N [A]	Max. current ³⁾ I _{max} [A]	cos φ	Type of duty ⁴⁾	Insulation class
	Open-close duty max. [Nm]	Modulating duty max. [Nm]								
ED 25	25	25	12	5.5	450	0.5	0.5	~1	S1 - 100 %	E
			25	5.5	450	0.5	0.5	~1	S1 - 100 %	E
			59	2.6	600	0.3	0.3	~1	S1 - 100 %	E
ED 50	50	50	12	18.8	1,800	2.3	2.3	~1	S3 - 30 %	F
			12	35	1,800	2.1	2.1	~1	S1 - 100 % ⁵⁾	F
			25	5.5	450	0.5	0.5	~1	S1 - 100 %	E
			59	2.6	600	0.3	0.3	~1	S1 - 100 %	E
EQ 40	40	20	12.5	18.8	1,800	2.3	2.3	~1	S3 - 30 %	F
			12.5	35	1,800	2.1	2.1	~1	S1 - 100 % ⁵⁾	F
			25	18.8	1,800	2.3	2.3	~1	S3 - 30 %	F
			25	35	1,800	2.1	2.1	~1	S1 - 100 % ⁵⁾	F
			50	5.5	450	0.5	0.5	~1	S1 - 100 %	E
EQ 60	60	40	16	18.8	1,800	2.3	2.3	~1	S3 - 30 %	F
			16	35	1,800	2.1	2.1	~1	S1 - 100 % ⁵⁾	F
			25	18.8	1,800	2.3	2.3	~1	S3 - 30 %	F
			25	35	1,800	2.1	2.1	~1	S1 - 100 % ⁵⁾	F
			50	5.5	450	0.5	0.5	~1	S1 - 100 %	E
EQ 100	100	60	16	35	1,800	2.1	2.1	~1	S1 - 100 %	F
			25	18.8	1,800	2.3	2.3	~1	S3 - 30 %	F
			25	35	1,800	2.1	2.1	~1	S1 - 100 % ⁵⁾	F
			50	18.8	1,800	2.3	2.3	~1	S3 - 30 %	F
			50	35	1,800	2.1	2.1	~1	S1 - 100 % ⁵⁾	F
EQ 150	150	80	16	42.4	1,800	3.0	3.0	~1	S3 - 75 %	F
			25	35	1,800	2.1	2.1	~1	S1 - 100 %	F
			50	18.8	1,800	2.3	2.3	~1	S3 - 30 %	F
			50	35	1,800	2.1	2.1	~1	S1 - 100 % ⁵⁾	F
EQ 300	300	180	33	42.4	1,800	3.0	3.0	~1	S3 - 75 %	F
			66	35	1,800	2.1	2.1	~1	S1 - 100 %	F
			133	18.8	1,800	2.3	2.3	~1	S3 - 30 %	F
			133	35	1,800	2.1	2.1	~1	S1 - 100 % ⁵⁾	F
EQ 600	600	300	66	42.4	1,800	3.0	3.0	~1	S3 - 75 %	F
			133	35	1,800	2.1	2.1	~1	S1 - 100 %	F

Notes on table

- 1) Power P
Output of mechanical power at motor shaft at maximum torque of part-turn actuator.
The consumed electrical power can be calculated using the following formula: $P = U \times I \times \cos \varphi$
- 2) Nominal current I_N
Rated current at maximum modulating torque and indicated operating time
- 3) Max. current I_{max}
Current at maximum torque. We recommend selecting the switchgear in compliance with these values.
- 4) Type of duty
All actuators are also suitable for type of duty S2 - 15 min
- 5)
Option: S1 - 100 %