

Part-turn actuator				Motor						
Type	Torque range		Operating time for 90° in seconds	Power <sup>1)</sup> P [W]	Speed [rpm]	Nominal current <sup>2)</sup> $I_N$ [A]	Max. current <sup>3)</sup> $I_{max}$ [A]	cos φ	Type of duty <sup>4)</sup>	Insulation class
	Open-close duty max. [Nm]	Modulating duty max. [Nm]								
ED 25	25	25	12	22.6	1,800	0.12	0.12	0.90	S3 - 30 %	F
			12	38	1,800	0.10	0.10	0.90	S1 - 100 % <sup>5)</sup>	F
			25	19	1,200	0.10	0.10	0.96	S1 - 100 %	F
			59	3.1	600	0.01	0.01	0.94	S1 - 100 %	E
ED 50	50	50	12	22.6	1,800	0.12	0.12	0.90	S3 - 30 %	F
			12	38	1,800	0.10	0.10	0.90	S1 - 100 % <sup>5)</sup>	F
			25	19	1,200	0.10	0.10	0.96	S1 - 100 %	F
			59	3.1	600	0.01	0.01	0.94	S1 - 100 %	E
EQ 40	40	20	12.5	22.6	1,800	0.12	0.12	0.90	S3 - 30 %	F
			12.5	38	1,800	0.10	0.10	0.90	S1 - 100 % <sup>5)</sup>	F
			25	22.6	1,800	0.12	0.12	0.90	S3 - 30 %	F
			25	38	1,800	0.10	0.10	0.90	S1 - 100 % <sup>5)</sup>	F
			50	22.6	1,800	0.12	0.12	0.90	S3 - 30 %	F
EQ 60	60	40	50	38	1,800	0.10	0.10	0.90	S1 - 100 % <sup>5)</sup>	F
			16	22.6	1,800	0.12	0.12	0.90	S3 - 30 %	F
			16	38	1,800	0.10	0.10	0.90	S1 - 100 % <sup>5)</sup>	F
			25	22.6	1,800	0.12	0.12	0.90	S3 - 30 %	F
			25	38	1,800	0.10	0.10	0.90	S1 - 100 % <sup>5)</sup>	F
EQ 100	100	60	50	22.6	1,800	0.12	0.12	0.90	S3 - 30 %	F
			50	38	1,800	0.10	0.10	0.90	S1 - 100 % <sup>5)</sup>	F
			16	38	1,800	0.10	0.10	0.90	S1 - 100 %	F
			25	22.6	1,800	0.12	0.12	0.90	S3 - 30 %	F
			25	38	1,800	0.10	0.10	0.90	S1 - 100 % <sup>5)</sup>	F
EQ 150	150	80	50	22.6	1,800	0.12	0.12	0.90	S3 - 30 %	F
			50	38	1,800	0.10	0.10	0.90	S1 - 100 % <sup>5)</sup>	F
			16	53	1,800	0.16	0.16	0.90	S3 - 75 %	F
			25	38	1,800	0.10	0.10	0.90	S1 - 100 %	F
EQ 300	300	180	50	38	1,800	0.10	0.10	0.90	S1 - 100 % <sup>5)</sup>	F
			33	53	1,800	0.16	0.16	0.90	S3 - 75 %	F
			66	38	1,800	0.10	0.10	0.90	S1 - 100 %	F
			133	22.6	1,800	0.12	0.12	0.90	S3 - 30 %	F
EQ 600	600	300	133	38	1,800	0.10	0.10	0.90	S1 - 100 % <sup>5)</sup>	F
			66	53	1,800	0.16	0.16	0.90	S3 - 75 %	F
			133	38	1,800	0.10	0.10	0.90	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 %