ED 25 – ED 50, EQ 40 – EQ 600

Electrical data Part-turn actuators with 1-phase AC motors

230 V/50 Hz

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	15	5.5	375	0.05	0.05	~1	S1 - 100 %	E
			30	5.5	375	0.05	0.05	~1	S1 - 100 %	E
			70	2.4	500	0.03	0.03	~1	S1 - 100 %	E
ED 50	50	50	15	18.9	1,500	0.28	0.28	~1	S3 - 30 %	F
			15	30	1,500	0.23	0.23	~1	S1 - 100 %[5]	F
			30	5.1	375	0.05	0.05	~1	S1 - 100 %	E
			70	2.4	500	0.03	0.03	~1	S1 - 100 %	E
EQ 40	40	20	15	18.9	1,500	0.28	0.28	~1	S3 - 30 %	F
			15	30	1,500	0.23	0.23	~1	S1 - 100 %[5]	F
			30	18.9	1,500	0.28	0.28	~1	S3 - 30 %	F
			30	30	1,500	0.23	0.23	~1	S1 - 100 %[5]	F
			60	5.1	375	0.05	0.05	~1	S1 - 100 %	E
EQ 60	60	40	20	18.9	1,500	0.28	0.28	~1	S3 - 30 %	F
			20	30	1,500	0.23	0.23	~1	S1 - 100 %[5]	F
			30	18.9	1,500	0.28	0.28	~1	S3 - 30 %	F
			30	30	1,500	0.23	0.23	~1	S1 - 100 %[5]	F
			60	5.1	375	0.05	0.05	~1	S1 - 100 %	E
EQ 100	100	60	20	30	1,500	0.23	0.23	~1	S1 - 100 %	F
			30	18.9	1,500	0.28	0.28	~1	S3 - 30 %	F
			30	30	1,500	0.23	0.23	~1	S1 - 100 %[5]	F
			60	18.9	1,500	0.28	0.28	~1	S3 - 30 %	F
			60	30	1,500	0.23	0.23	~1	S1 - 100 %[5]	F
EQ 150	150	80	20	50	1,500	0.35	0.35	~1	S3 - 50 %	F
			30	30	1,500	0.23	0.23	~1	S1 - 100 %	F
			60	18.9	1,500	0.28	0.28	~1	S3 - 30 %	F
			60	30	1,500	0.23	0.23	~1	S1 - 100 %[5]	F
EQ 300	300	180	40	50	1,500	0.35	0.35	~1	S3 - 50 %	F
			80	30	1,500	0.23	0.23	~1	S1 - 100 %	F
			160	18.9	1,500	0.28	0.28	~1	S3 - 30 %	F
			160	30	1,500	0.23	0.23	~1	S1 - 100 %[5]	F
EQ 600	600	300	80	50	1,500	0.35	0.35	~1	S3 - 50 %	F
			160	30	1,500	0.23	0.23	~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 x I x cos φ
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 %