

ELECTRICAL DATA
A.C. 1-230V/50Hz SINGLE PHASE MOTORS
S2-10 min SERVICE ON/OFF DUTY

SERIES
400/402
404/406

Max. tripping torque (N.m)	Output speed (rpm)	Model	Power (kW)	n° of poles	Size DIN 42673	Nominal current (A)	Max. current (A)	Locked rot. current (A)	Power factor cos φ	Efficiency	Capacitor (μF)	Aprox. weight (kg)
15	44	0.045TN4PM	0,045	4	63	0,62	0,7	1,7	0,98	0,23	7	4,2
	56					0,65	0,8	1,7	0,98	0,27		
	175	0.18TN4PM	0,18	4	63	1,95	2,3	5,3	0,88	0,33	20	5
	224					2,05	2,6	5,3	0,91	0,40		
30	22	0.045TN4PM	0,045	4	63	0,62	0,7	1,7	0,98	0,23	7	4,2
	28					0,65	0,8	1,7	0,98	0,27		
	44	0.09TN4PM	0,09	4	63	0,94	1,1	2,3	0,98	0,28	10	4,8
	56					0,98	1,3	2,3	0,98	0,33		
	175	0.37TN4PM	0,37	4	71	3,58	4,4	12,2	0,88	0,31	35	7
	224					3,77	5,0	12,2	0,90	0,36		
60	22	0.09TN4PM	0,09	4	63	0,94	1,1	2,3	0,98	0,28	10	4,8
	28					0,98	1,3	2,3	0,98	0,33		
	44	0.18TN4PM	0,18	4	63	1,97	2,4	5,3	0,89	0,34	20	5
	56					2,07	2,7	5,3	0,91	0,41		
	175	0.55TN4PM	0,55	4	71	5,51	7,5	16,9	0,86	0,39	50	8,4
120	22	0.18TN4PM	0,18	4	63	1,97	2,4	5,3	0,89	0,34	20	5
	28					2,07	2,7	5,3	0,91	0,41		
	44	0.37TN4PM	0,37	4	71	3,62	4,5	12,2	0,88	0,31	35	7
	56					3,82	5,1	12,2	0,91	0,37		
250	22	0.37TN4PM	0,37	4	71	3,65	4,6	12,2	0,88	0,32	35	7
	28					3,85	5,3	12,2	0,91	0,38		
	44	0.55TN4PM	0,55	4	71	5,64	8,1	16,9	0,88	0,42	50	8,4

- Motor electric values are subjected to manufacturing tolerances.
- Maximum voltage variation, ± 5%. Loss of power can be expected below of this voltage range.
- Degree of protection, being motor mounted in actuator : IP67 according to EN 60529.
- Electric motor have been designed for a short time duty S2 - 10 min, based on a average load of approx. 50% of max tripping torque and on 20°C ambiente temperature

- Motor **CAPACITORS** are delivered with the electric actuator unit, to be mounted on external cabinets. For 402, 412, 404 and 414 SERIES, capacitors can be mounted (Depending on capacitor size) inside of centronik units, this is depicted in terminal plan or wiring diagram. Consult proper wiring.

- Max. current, current at max. tripping torque. It is recommended to select cables and switchgear according to these values.

- **All electric motors are provided with thermostiches to protect the windings. CENTORK warrantee will lapse if those thermostiches are not connected in the control circuit.**

VALVE CONTROL



N° :

E1400X033

Issued :

12.05