Product Electric Data
FCDS-20177-EN Rev. 1
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Bettis XTE3000

Intelligent, Multi-turn Electric Valve Actuator



BETTIS™

EMERSON™

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Table of Contents

Section 1: Terminology

Terminology 5

Section 2: Electric Technical Data

Electric Technical Data 5

Section 3: Electric Data

Three-Phase AC 6
Single-Phase AC 50
Direct Current 54

List of Tables

Table 1: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 220 V AC 50 Hz 8
Table 2: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 230 V AC 50 Hz 9
Table 3: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 240 V AC 50 Hz 10
Table 4: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 380 V AC 50 Hz 11
Table 5: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 400 V AC 50 Hz 12
Table 6: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 415 V AC 50 Hz 13
Table 7: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 440 V AC 50 Hz (*Special Motor) ... 14
Table 8: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 500 V AC 50 Hz (*Special Motor) ... 15
Table 9: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 660 V AC 50 Hz (*Special Motor) ... 16
Table 10: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 690 V AC 50 Hz (*Special Motor) ... 17
Table 11: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 208 V AC 60 Hz (*Special Motor) ... 18
Table 12: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 220 V AC 60 Hz (*Special Motor) ... 19
Table 13: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 280 V AC 60 Hz (*Special Motor) ... 20
Table 14: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 380 V AC 60 Hz (*Special Motor) ... 21
Table 15: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 400 V AC 60 Hz (*Special Motor) ... 22
Table 16: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 440 V AC 60 Hz 23
Table 17: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 460 V AC 60 Hz 24
Table 18: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 480 V AC 60 Hz 25
Table 19: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 575 V AC 60 Hz (*Special Motor) ... 26
Table 20: Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 220 V AC 50 Hz 27
Table 21: Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 230 V AC 50 Hz 28
Table 22: Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 240 V AC 50 Hz 29
Table 23: Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 380 V AC 50 Hz 30
Table 24: Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 400 V AC 50 Hz 31
Table 25: Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 415 V AC 50 Hz 32
Table 26: Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 440 V AC 50 Hz (*Special Motor) 33
Table 27: Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 660 V AC 50 Hz (*Special Motor) 34
Table 28: Short-Time Duty (S2-15') | Inching Duty (S4-25% |60 St/h) 3-PH 280 V AC 60 Hz (*Special Motor) 35
Table 29: Short Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 400 V 60 Hz (*Special Motor) 36
Table 30: Short Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 440 V 60 Hz 37

Table 31: Short Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 460 V 60 Hz 38
Table 32: Short Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 480 V 60 Hz 39
Table 33: Modulating Duty (S4-50% | 1200 St/h) 3-PH 220 V 50 Hz 40
Table 34: Modulating Duty (S4-50% | 1200 St/h) 3-PH 230 V 50 Hz 41
Table 35: Modulating Duty (S4-50% | 1200 St/h) 3-PH 240 V 50 Hz 42
Table 36: Modulating Duty (S4-50% | 1200 St/h) 3-PH 380 V 50 Hz 43
Table 37: Modulating Duty (S4-50% | 1200 St/h) 3-PH 400 V 50 Hz 44
Table 38: Modulating Duty (S4-50% | 1200 St/h) 3-PH 415 V 50 Hz 45
Table 39: Modulating Duty (S4-50% | 1200 St/h) 3-PH 440 V 50 Hz (*Special Motor) 46
Table 40: Modulating Duty (S4-50% | 1200 St/h) 3-PH 280 V 60 Hz 47
Table 41: Modulating Duty (S4-50% | 1200 St/h) 3-PH 400 V 60 Hz (*Special Motor) 48
Table 42: Modulating Duty (S4-50% | 1200 St/h) 3-PH 440 V 60 Hz 49
Table 43: Modulating Duty (S4-50% | 1200 St/h) 3-PH 460 V 60 Hz 50
Table 44: Modulating Duty (S4-50% | 1200 St/h) 3-PH 480 V 60 Hz 51
Table 45: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 1-PH 110 V 50 Hz (*Special Motor) 52
Table 46: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 1-PH 115 V 50 Hz (*Special Motor) 52
Table 47: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 1-PH 220 V 50 Hz (*Special Motor) 52
Table 48: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 1-PH 230 V 50 Hz (*Special Motor) 53
Table 49: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 1-PH 120 V 60 Hz (*Special Motor) 53
Table 50: Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 1-PH 240 V 60 Hz (*Special Motor) 53
Table 51: Modulating Duty (S4-50% | 1200 St/h) 1-PH 110 V 50 Hz (*Special Motor) 54
Table 52: Modulating Duty (S4-50% | 1200 St/h) 1-PH 115 V 50 Hz (*Special Motor) 54
Table 53: Modulating Duty (S4-50% | 1200 St/h) 1-PH 220 V 50 Hz (*Special Motor) 54
Table 54: Modulating Duty (S4-50% | 1200 St/h) 1-PH 230 V 50 Hz (*Special Motor) 55
Table 55: Modulating Duty (S4-50% | 1200 St/h) 1-PH 120 V 60 Hz (*Special Motor) 55
Table 56: Modulating Duty (S4-50% | 1200 St/h) 1-PH 240 V 60 Hz (*Special Motor) 55
Table 57: Inching Duty (S4-25% | 600 St/h) 24 V DC 56
Table 58: Inching Duty (S4-25% | 600 St/h) 48 V DC 56

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Introduction

This document is provided to assist in the sizing of power supply cables, circuit protection devices and electrical calculations for proper actuator installation. The data provided is averaged from measurement recorded from production test data. As such it is not exact electrical data for the sizing calculations.

Terminology

Nominal Torque

- Seating torque output of the actuator at full load.
- Output Torque with torque switch setting of 100%.

Minimum Torque

- Minimum output torque switch setting up to 40% of Nominal Torque.
- Adjustable in OPEN and in CLOSED direction.

Stall Torque

- Maximum torque/thrust during the initial start of output when the motor is energized and the output drive is locked.
- Stall Torque will be up to 2 times the Nominal Torque depending on speed and voltage.

Torque Bypass

- Torque intervention bypass time function allows the actuator to output its stall torque at the beginning of the stroke.
- This allows a stall torque to be developed in order to operate sticking valves.
- Bypass period time configurable from 0 to 20% or 100 to 80% of the stroke.

Modulating Torque

- Maximum torque for modulating duty.
- For 100% nominal voltage, +40 °C ambient temperature and at modulating torque load.

Jammed Valve

- Time on which the actuator can supply the Stall Torque during the Torque Bypass period.

Electric Technical Data

Motor Voltage Operation

- Voltage at which the actuator must be able to supply its nominal torque and within the power supply.
- Tolerances ±10%
  Applies on Nominal torque performance only; duty cycle, speed and current draw is not guaranteed.

Motor Frequency Operation

- Frequency at which the actuator must be able to supply its nominal torque and within the frequency.
- Tolerances ±5%
  Applies on Nominal torque performance only; duty cycle, speed and current draw is not guaranteed.

Motor Output Power (kW)

- Mechanical power output at motor shaft at run torque of multi-turn actuator.
- Approximately 40% of actuator rated torque, according to IEC 60034-1.

Nominal Current (In)

- Current at run torque at approximately 40% of nominal torque (minimum torque).

Rated Current (Is)

- Motor current at approximately 100% of actuator nominal torque.

Locked Current (Icc)

- Current at maximum torque (locked rotor current).

Power Factor (cosϕ nom)

- Power factor at approximately 40% of actuator nominal torque.

Absorbed Power (kW)

- Absorbed electrical power at approximately 40% of actuator nominal torque.

Efficency (%)

- Referred to the electrical power absorbed by the actuator.

Power Supply Cable

- Use Icc values for sizing power supply cables to limit voltage drop up to 15% of nominal voltage under full starting condition.

Power Supply Limits

- Voltage: ± 10% (continuous) +10% to 15 % (intermittent)
- Nominal duty: -5% / 5% according to IEC 60034-1
- Total Hamronic Distortion (THD): max 5% according to IEC 60034-1
- Form and symmetry on voltages and currents: according to IEC 60034-1

Electric Data

Three-Phase AC

Table 1. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h)
3-PH 220 V AC 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.03	0.04	0.8	0.9	1.1	0.46	0.14	0.19	23.1
XTE_010/30-18	18	TM01	40	0.05	0.07	0.8	1.0	1.4	0.42	0.13	0.17	38.3
XTE_010/30-24	24	TM10	20	0.07	0.10	2.6	3.0	4.3	0.43	0.43	0.57	17.3
XTE_010/30-36	36	TM03	20	0.07	0.10	1.36	1.6	2.33	0.46	0.24	0.32	31.0
XTE_010/30-48	48	TM04	20	0.15	0.19	2.4	4.3	5.0	0.47	0.43	0.58	33.8
XTE_010/30-72	72	TM05	20	0.22	0.29	2.2	4.6	7.8	0.56	0.47	0.63	46.3
XTE_010/30-144	144	TM06	20	0.43	0.58	3.1	4.5	10.8	0.71	0.84	1.12	51.3
XTE_010/90-12	12	TM10	40	0.07	0.10	2.6	3.0	4.3	0.43	0.43	0.57	17.3
XTE_010/90-18	18	TM11	40	0.11	0.15	2.6	2.9	5.0	0.43	0.43	0.57	25.9
XTE_010/90-24	24	TM12	20	0.12	0.17	3.5	3.7	5.0	0.46	0.61	0.82	20.3
XTE_010/90-36	36	TM13	20	0.19	0.25	3.6	4.6	6.3	0.41	0.56	0.75	32.9
XTE_010/90-48	48	TM14	20	0.29	0.39	3.1	3.7	9.2	0.46	0.54	0.73	53.0
XTE_010/90-72	72	SM15	20	0.37	0.49	3.8	5.3	13.3	0.55	0.80	1.07	45.9
XTE_010/90-144	144	SM16	20	0.74	0.99	5.1	8.5	22.6	0.67	1.30	1.74	57.0
XTE_020/180-18	18	TM13	40	0.19	0.25	3.6	4.6	6.3	0.41	0.56	0.75	32.9
XTE_020/180-24	24	TM14	40	0.29	0.39	3.1	3.7	9.2	0.46	0.54	0.73	53.0
XTE_020/180-36	36	SM15	40	0.37	0.49	3.8	5.3	13.3	0.55	0.80	1.07	45.9
XTE_020/180-48	48	SM21	20	0.53	0.71	5.1	8.5	14.1	0.43	0.84	1.12	63.4
XTE_020/180-72	72	SM22	20	0.78	1.05	5.6	11.0	21.0	0.61	1.30	1.74	60.2
XTE_020/180-144	144	SM23	20	1.48	1.98	9.3	15.1	42.4	0.67	2.37	3.18	62.3
XTE_030/360-12	12	SM21	80	0.53	0.71	5.1	8.5	14.1	0.43	0.84	1.12	63.4
XTE_030/360-18	18	SM32	40	0.50	0.67	5.6	7.3	15.1	0.39	0.83	1.12	60.2
XTE_030/360-24	24	SM21	40	0.53	0.71	5.1	8.5	14.1	0.43	0.84	1.12	63.4
XTE_030/360-48	48	SM30	20	1.13	1.51	10.9	18.3	32.6	0.43	1.79	2.39	63.1
XTE_030/360-72	72	SM23	40	1.48	1.98	9.3	15.1	42.4	0.67	2.37	3.18	62.3
XTE_030/360-144	144	SM31	20	3.38	4.53	15.5	31.8	90.8	0.68	4.02	5.38	84.2
XTE_040/720-12	12	SM30	80	1.13	1.51	10.9	18.3	32.6	0.43	1.79	2.39	63.1
XTE_040/720-18	18	SM44	40	0.84	1.12	7.8	13.2	21.6	0.39	1.16	1.55	72.4
XTE_040/720-24	24	SM30	40	1.13	1.51	10.9	18.3	32.6	0.43	1.79	2.39	63.1
XTE_040/720-36	36	SM40	40	1.69	2.26	10.9	21.7	50.9	0.67	2.78	3.73	60.6
XTE_040/720-48	48	SM41	20	1.95	2.61	13.3	27.0	44.9	0.49	2.48	3.33	78.5
XTE_040/720-72	72	SM31	40	3.38	4.53	15.5	31.8	90.8	0.68	4.02	5.38	84.2
XTE_040/720-144	144	SM42	20	5.82	7.80	27.8	56.4	141.4	0.73	7.73	10.36	75.3
XTE_050/1440-12	12	SM41	80	1.95	2.61	13.3	27.0	44.9	0.49	2.48	3.33	78.5
XTE_050/1440-18	18	SM40	80	1.69	2.26	10.9	21.7	50.9	0.67	2.78	3.73	60.6
XTE_050/1440-24	24	SM41	40	1.95	2.61	13.3	27.0	44.9	0.49	2.48	3.33	78.5
XTE_050/1440-36	36	SM43	40	2.89	3.87	16.2	31.8	74.0	0.56	3.46	4.63	83.6
XTE_050/1440-48	48	SM50	20	3.88	5.20	19.8	36.1	114.0	0.61	4.60	6.17	84.3
XTE_050/1440-72	72	SM42	40	5.82	7.80	27.8	56.4	141.4	0.73	7.73	10.36	75.3
XTE_050/1440-144	144	SM51	20	11.66	15.62	48.9	106.9	325.2	0.71	13.23	17.73	88.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 2. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 230 V AC 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.03	0.04	0.7	0.8	1.1	0.46	0.13	0.17	23.1
XTE_010/30-18	18	TM01	40	0.05	0.07	0.8	1.0	1.5	0.42	0.13	0.18	38.3
XTE_010/30-24	24	TM10	20	0.07	0.10	2.4	3.0	4.5	0.43	0.41	0.55	17.3
XTE_010/30-36	36	TM03	20	0.07	0.10	1.3	1.56	2.44	0.46	0.24	0.32	31.0
XTE_010/30-48	48	TM04	20	0.15	0.20	2.3	4.2	5.2	0.47	0.43	0.58	33.8
XTE_010/30-72	72	TM05	20	0.22	0.29	2.1	4.5	8.2	0.56	0.47	0.63	46.3
XTE_010/30-144	144	TM06	20	0.44	0.58	3.0	4.4	11.3	0.71	0.85	1.14	51.3
XTE_010/90-12	12	TM10	40	0.07	0.10	2.4	3.0	4.5	0.43	0.41	0.55	17.3
XTE_010/90-18	18	TM11	40	0.11	0.14	2.4	2.8	5.2	0.43	0.41	0.55	25.9
XTE_010/90-24	24	TM12	20	0.12	0.16	3.3	3.7	5.2	0.46	0.60	0.81	20.3
XTE_010/90-36	36	TM13	20	0.19	0.25	3.5	4.5	6.6	0.41	0.57	0.77	32.9
XTE_010/90-48	48	TM14	20	0.29	0.39	3.0	3.7	9.6	0.46	0.55	0.74	53.0
XTE_010/90-72	72	SM15	20	0.37	0.50	3.7	5.2	13.9	0.55	0.81	1.09	45.9
XTE_010/90-144	144	SM16	20	0.74	0.99	4.9	8.4	23.7	0.67	1.31	1.75	56.5
XTE_020/180-18	18	TM13	40	0.19	0.25	3.5	4.5	6.6	0.41	0.57	0.77	32.9
XTE_020/180-24	24	TM14	40	0.29	0.39	3.0	3.7	9.6	0.46	0.55	0.74	53.0
XTE_020/180-36	36	SM15	40	0.37	0.50	3.7	5.2	13.9	0.55	0.81	1.09	45.9
XTE_020/180-48	48	SM21	20	0.53	0.71	4.9	8.4	14.8	0.43	0.84	1.12	63.4
XTE_020/180-72	72	SM22	20	0.79	1.06	5.4	10.8	21.9	0.61	1.31	1.76	60.2
XTE_020/180-144	144	SM23	20	1.48	1.98	8.9	14.8	44.4	0.67	2.38	3.18	62.3
XTE_030/360-12	12	SM21	80	0.53	0.71	4.9	8.4	14.8	0.43	0.84	1.12	63.4
XTE_030/360-18	18	SM32	40	0.51	0.68	5.4	7.1	15.8	0.39	0.84	1.12	60.2
XTE_030/360-24	24	SM21	40	0.53	0.71	4.9	8.4	14.8	0.43	0.84	1.12	63.4
XTE_030/360-48	48	SM30	20	1.12	1.51	10.4	17.9	34.1	0.43	1.78	2.39	63.1
XTE_030/360-72	72	SM23	40	1.48	1.98	8.9	14.8	44.4	0.67	2.38	3.18	62.3
XTE_030/360-144	144	SM31	20	3.38	4.52	14.8	31.1	95.0	0.68	4.01	5.37	84.2
XTE_040/720-12	12	SM30	80	1.12	1.51	10.4	17.9	34.1	0.43	1.78	2.39	63.1
XTE_040/720-18	18	SM44	40	0.84	1.13	7.5	12.9	22.6	0.39	1.17	1.56	72.4
XTE_040/720-24	24	SM30	40	1.12	1.51	10.4	17.9	34.1	0.43	1.78	2.39	63.1
XTE_040/720-36	36	SM40	40	1.68	2.25	10.4	21.2	53.2	0.67	2.78	3.72	60.6
XTE_040/720-48	48	SM41	20	1.95	2.61	12.7	26.4	47.0	0.49	2.48	3.32	78.5
XTE_040/720-72	72	SM31	40	3.38	4.52	14.8	31.1	95.0	0.68	4.01	5.37	84.2
XTE_040/720-144	144	SM42	20	5.82	7.81	26.6	55.1	147.8	0.73	7.74	10.37	75.3
XTE_050/1440-12	12	SM41	80	1.95	2.61	12.7	26.4	47.0	0.49	2.48	3.32	78.5
XTE_050/1440-18	18	SM40	80	1.68	2.25	10.4	21.2	53.2	0.67	2.78	3.72	60.6
XTE_050/1440-24	24	SM41	40	1.95	2.61	12.7	26.4	47.0	0.49	2.48	3.32	78.5
XTE_050/1440-36	36	SM43	40	2.89	3.87	15.5	31.1	77.4	0.56	3.46	4.63	83.6
XTE_050/1440-48	48	SM50	20	3.89	5.22	19.0	35.3	119.1	0.61	4.62	6.19	84.3
XTE_050/1440-72	72	SM42	40	5.82	7.81	26.6	55.1	147.8	0.73	7.74	10.37	75.3
XTE_050/1440-144	144	SM51	20	11.66	15.63	46.8	104.5	340.0	0.71	13.24	17.74	88.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 3. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 240 V AC 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	SM00	40	0.03	0.04	0.7	0.8	1.2	0.46	0.13	0.18	23.1
XTE_010/30-18	18	SM01	40	0.05	0.06	0.7	0.9	1.5	0.42	0.12	0.16	38.3
XTE_010/30-24	24	SM10	20	0.07	0.10	2.3	2.9	4.7	0.43	0.41	0.55	17.3
XTE_010/30-36	36	SM03	20	0.07	0.10	1.25	1.53	2.54	0.46	0.24	0.32	31.0
XTE_010/30-48	48	SM04	20	0.15	0.19	2.2	4.1	5.4	0.47	0.43	0.58	33.8
XTE_010/30-72	72	SM05	20	0.22	0.29	2.0	4.4	8.5	0.56	0.47	0.62	46.3
XTE_010/30-144	144	SM06	20	0.42	0.57	2.8	4.3	11.8	0.71	0.83	1.11	51.3
XTE_010/90-12	12	SM10	40	0.07	0.10	2.3	2.9	4.7	0.43	0.41	0.55	17.3
XTE_010/90-18	18	SM11	40	0.11	0.14	2.3	2.7	5.4	0.43	0.41	0.55	25.9
XTE_010/90-24	24	SM12	20	0.12	0.17	3.2	3.6	5.4	0.46	0.61	0.82	20.3
XTE_010/90-36	36	SM13	20	0.19	0.25	3.3	4.4	6.9	0.41	0.56	0.75	32.9
XTE_010/90-48	48	SM14	20	0.28	0.38	2.8	3.6	10.0	0.46	0.54	0.72	53.0
XTE_010/90-72	72	SM15	20	0.37	0.49	3.5	5.1	14.5	0.55	0.80	1.07	45.9
XTE_010/90-144	144	SM16	20	0.74	0.99	4.7	8.2	24.7	0.67	1.31	1.75	56.5
XTE_020/180-18	18	SM13	40	0.19	0.25	3.3	4.4	6.9	0.41	0.56	0.75	32.9
XTE_020/180-24	24	SM14	40	0.28	0.38	2.8	3.6	10.0	0.46	0.54	0.72	53.0
XTE_020/180-36	36	SM15	40	0.37	0.49	3.5	5.1	14.5	0.55	0.80	1.07	45.9
XTE_020/180-48	48	SM21	20	0.53	0.71	4.7	8.2	15.4	0.43	0.84	1.13	63.4
XTE_020/180-72	72	SM22	20	0.79	1.06	5.2	10.6	22.9	0.61	1.32	1.77	60.2
XTE_020/180-144	144	SM23	20	1.47	1.98	8.5	14.5	46.3	0.67	2.37	3.17	62.3
XTE_030/360-12	12	SM21	80	0.53	0.71	4.7	8.2	15.4	0.43	0.84	1.13	63.4
XTE_030/360-18	18	SM32	40	0.51	0.68	5.2	7.0	16.5	0.39	0.84	1.13	60.2
XTE_030/360-24	24	SM21	40	0.53	0.71	4.7	8.2	15.4	0.43	0.84	1.13	63.4
XTE_030/360-48	48	SM30	20	1.13	1.51	10.0	17.5	35.6	0.43	1.79	2.40	63.1
XTE_030/360-72	72	SM23	40	1.47	1.98	8.5	14.5	46.3	0.67	2.37	3.17	62.3
XTE_030/360-144	144	SM31	20	3.38	4.53	14.2	30.5	99.1	0.68	4.01	5.38	84.2
XTE_040/720-12	12	SM30	80	1.13	1.51	10.0	17.5	35.6	0.43	1.79	2.40	63.1
XTE_040/720-18	18	SM44	40	0.85	1.13	7.2	12.6	23.6	0.39	1.17	1.56	72.4
XTE_040/720-24	24	SM30	40	1.13	1.51	10.0	17.5	35.6	0.43	1.79	2.40	63.1
XTE_040/720-36	36	SM40	40	1.69	2.26	10.0	20.8	55.5	0.67	2.79	3.73	60.6
XTE_040/720-48	48	SM41	20	1.95	2.61	12.2	25.9	49.0	0.49	2.49	3.33	78.5
XTE_040/720-72	72	SM31	40	3.38	4.53	14.2	30.5	99.1	0.68	4.01	5.38	84.2
XTE_040/720-144	144	SM42	20	5.83	7.81	25.5	54.0	154.3	0.73	7.74	10.37	75.3
XTE_050/1440-12	12	SM41	80	1.95	2.61	12.2	25.9	49.0	0.49	2.49	3.33	78.5
XTE_050/1440-18	18	SM40	80	1.69	2.26	10.0	20.8	55.5	0.67	2.79	3.73	60.6
XTE_050/1440-24	24	SM41	40	1.95	2.61	12.2	25.9	49.0	0.49	2.49	3.33	78.5
XTE_050/1440-36	36	SM43	40	2.88	3.86	14.8	30.5	80.8	0.56	3.45	4.62	83.6
XTE_050/1440-48	48	SM50	20	3.89	5.21	18.2	34.6	124.3	0.61	4.62	6.18	84.3
XTE_050/1440-72	72	SM42	40	5.83	7.81	25.5	54.0	154.3	0.73	7.74	10.37	75.3
XTE_050/1440-144	144	SM51	20	11.65	15.61	44.8	102.3	354.8	0.71	13.22	17.72	88.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 4. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 380 V AC 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.03	0.04	0.4	0.5	0.6	0.46	0.12	0.16	23.1
XTE_010/30-18	18	TM01	40	0.05	0.07	0.5	0.6	0.8	0.42	0.14	0.19	38.3
XTE_010/30-24	24	TM10	20	0.07	0.10	1.5	1.7	2.5	0.43	0.42	0.57	17.3
XTE_010/30-36	36	TM03	20	0.07	0.10	0.79	0.92	1.48	0.46	0.24	0.32	31.0
XTE_010/30-72	72	TM05	20	0.22	0.30	1.3	2.7	4.5	0.56	0.48	0.64	46.3
XTE_010/30-144	144	TM06	20	0.43	0.58	1.8	2.6	6.2	0.71	0.84	1.13	51.3
XTE_010/90-12	12	TM10	40	0.07	0.10	1.5	1.7	2.5	0.43	0.42	0.57	17.3
XTE_010/90-18	18	TM11	40	0.11	0.15	1.5	1.6	2.9	0.43	0.42	0.57	25.9
XTE_010/90-24	24	TM12	20	0.12	0.16	2.0	2.2	2.9	0.46	0.61	0.81	20.3
XTE_010/90-36	36	TM13	20	0.19	0.25	2.1	2.7	3.6	0.41	0.57	0.76	32.9
XTE_010/90-48	48	TM14	20	0.29	0.39	1.8	2.2	5.2	0.46	0.54	0.73	53.0
XTE_010/90-72	72	SM15	20	0.37	0.49	2.2	3.1	7.6	0.55	0.80	1.07	45.9
XTE_010/90-144	144	SM16	20	0.75	1.00	3.0	4.9	12.9	0.67	1.32	1.77	56.5
XTE_020/180-18	18	TM13	40	0.19	0.25	2.1	2.7	3.6	0.41	0.57	0.76	32.9
XTE_020/180-24	24	TM14	40	0.29	0.39	1.8	2.2	5.2	0.46	0.54	0.73	53.0
XTE_020/180-36	36	SM15	40	0.37	0.49	2.2	3.1	7.6	0.55	0.80	1.07	45.9
XTE_020/180-48	48	SM21	20	0.54	0.72	3.0	4.9	8.1	0.43	0.85	1.14	63.4
XTE_020/180-72	72	SM22	20	0.80	1.08	3.3	6.4	12.0	0.61	1.32	1.78	60.7
XTE_020/180-144	144	SM23	20	1.48	1.99	5.4	8.7	24.2	0.67	2.38	3.19	62.3
XTE_030/360-12	12	SM21	80	0.54	0.72	3.0	4.9	8.1	0.43	0.85	1.14	63.4
XTE_030/360-18	18	SM32	40	0.51	0.68	3.3	4.2	8.7	0.39	0.84	1.12	61.0
XTE_030/360-24	24	SM21	40	0.54	0.72	3.0	4.9	8.1	0.43	0.85	1.14	63.4
XTE_030/360-48	48	SM30	20	1.13	1.51	6.3	10.6	18.6	0.43	1.78	2.39	63.1
XTE_030/360-72	72	SM23	40	1.48	1.99	5.4	8.7	24.2	0.67	2.38	3.19	62.3
XTE_030/360-144	144	SM31	20	3.39	4.54	9.0	18.4	51.9	0.68	4.03	5.40	84.2
XTE_040/720-12	12	SM30	80	1.13	1.51	6.3	10.6	18.6	0.43	1.78	2.39	63.1
XTE_040/720-18	18	SM44	40	0.84	1.12	4.5	7.6	12.4	0.39	1.15	1.55	72.4
XTE_040/720-24	24	SM30	40	1.13	1.51	6.3	10.6	18.6	0.43	1.78	2.39	63.1
XTE_040/720-36	36	SM40	40	1.68	2.26	6.3	12.5	29.1	0.67	2.78	3.72	60.6
XTE_040/720-48	48	SM41	20	1.95	2.61	7.7	15.6	25.7	0.49	2.48	3.33	78.5
XTE_040/720-72	72	SM31	40	3.39	4.54	9.0	18.4	51.9	0.68	4.03	5.40	84.2
XTE_040/720-144	144	SM42	20	5.82	7.79	16.1	32.5	80.8	0.73	7.74	10.37	75.2
XTE_050/1440-12	12	SM41	80	1.95	2.61	7.7	15.6	25.7	0.49	2.48	3.33	78.5
XTE_050/1440-18	18	SM40	80	1.68	2.26	6.3	12.5	29.1	0.67	2.78	3.72	60.6
XTE_050/1440-24	24	SM41	40	1.95	2.61	7.7	15.6	25.7	0.49	2.48	3.33	78.5
XTE_050/1440-36	36	SM43	40	2.90	3.88	9.4	18.4	42.3	0.56	3.46	4.64	83.6
XTE_050/1440-48	48	SM50	20	3.89	5.22	11.5	20.8	65.1	0.61	4.62	6.19	84.3
XTE_050/1440-72	72	SM42	40	5.82	7.79	16.1	32.5	80.8	0.73	7.74	10.37	75.2
XTE_050/1440-144	144	SM51	20	11.65	15.61	28.3	61.7	185.7	0.71	13.22	17.72	88.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 5. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 400 V AC 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	SM00	40	0.03	0.04	0.4	0.5	0.7	0.46	0.13	0.17	23.1
XTE_010/30-18	18	SM01	40	0.04	0.06	0.4	0.6	0.9	0.42	0.12	0.16	38.3
XTE_010/30-24	24	SM10	20	0.07	0.10	1.4	1.7	2.6	0.43	0.42	0.56	17.3
XTE_010/30-36	36	SM03	20	0.07	0.10	0.75	0.9	1.4	0.46	0.24	0.32	31.0
XTE_010/30-48	48	SM04	20	0.14	0.19	1.3	2.4	3.0	0.47	0.42	0.57	33.8
XTE_010/30-72	72	SM05	20	0.22	0.29	1.2	2.6	4.7	0.56	0.47	0.62	46.3
XTE_010/30-144	144	SM06	20	0.43	0.57	1.7	2.5	6.5	0.71	0.84	1.12	51.3
XTE_010/90-12	12	SM10	40	0.07	0.10	1.4	1.7	2.6	0.43	0.42	0.56	17.3
XTE_010/90-18	18	SM11	40	0.11	0.14	1.4	1.6	3.0	0.43	0.42	0.56	25.9
XTE_010/90-24	24	SM12	20	0.12	0.16	1.9	2.1	3.0	0.46	0.61	0.81	20.3
XTE_010/90-36	36	SM13	20	0.19	0.25	2.0	2.6	3.8	0.41	0.57	0.76	32.9
XTE_010/90-48	48	SM14	20	0.29	0.38	1.7	2.1	5.5	0.46	0.54	0.73	53.0
XTE_010/90-72	72	SM15	20	0.37	0.49	2.1	3.0	8.0	0.55	0.80	1.07	45.9
XTE_010/90-144	144	SM16	20	0.73	0.98	2.8	4.8	13.6	0.67	1.30	1.74	56.5
XTE_020/180-18	18	SM13	40	0.19	0.25	2.0	2.6	3.8	0.41	0.57	0.76	32.9
XTE_020/180-24	24	SM14	40	0.29	0.38	1.7	2.1	5.5	0.46	0.54	0.73	53.0
XTE_020/180-36	36	SM15	40	0.37	0.49	2.1	3.0	8.0	0.55	0.80	1.07	45.9
XTE_020/180-48	48	SM21	20	0.53	0.71	2.8	4.8	8.5	0.43	0.83	1.12	63.4
XTE_020/180-72	72	SM22	20	0.79	1.06	3.1	6.2	12.6	0.61	1.31	1.76	60.2
XTE_020/180-144	144	SM23	20	1.47	1.98	5.1	8.5	25.5	0.67	2.37	3.17	62.3
XTE_030/360-12	12	SM21	80	0.53	0.71	2.8	4.8	8.5	0.43	0.83	1.12	63.4
XTE_030/360-18	18	SM32	40	0.51	0.68	3.1	4.1	9.1	0.39	0.83	1.11	61.0
XTE_030/360-24	24	SM21	40	0.53	0.71	2.8	4.8	8.5	0.43	0.83	1.12	63.4
XTE_030/360-48	48	SM30	20	1.13	1.51	6.0	10.3	19.6	0.43	1.79	2.40	63.1
XTE_030/360-72	72	SM23	40	1.47	1.98	5.1	8.5	25.5	0.67	2.37	3.17	62.3
XTE_030/360-144	144	SM31	20	3.37	4.52	8.5	17.9	54.6	0.68	4.00	5.37	84.2
XTE_040/720-12	12	SM30	80	1.13	1.51	6.0	10.3	19.6	0.43	1.79	2.40	63.1
XTE_040/720-18	18	SM44	40	0.84	1.13	4.3	7.4	13.0	0.39	1.16	1.55	72.4
XTE_040/720-24	24	SM30	40	1.13	1.51	6.0	10.3	19.6	0.43	1.79	2.40	63.1
XTE_040/720-36	36	SM40	40	1.69	2.26	6.0	12.2	30.6	0.67	2.79	3.73	60.6
XTE_040/720-48	48	SM41	20	1.95	2.61	7.3	15.2	27.0	0.49	2.48	3.32	78.5
XTE_040/720-72	72	SM31	40	3.37	4.52	8.5	17.9	54.6	0.68	4.00	5.37	84.2
XTE_040/720-144	144	SM42	20	5.83	7.81	15.3	31.7	85.0	0.73	7.74	10.37	75.3
XTE_050/1440-12	12	SM41	80	1.95	2.61	7.3	15.2	27.0	0.49	2.48	3.32	78.5
XTE_050/1440-18	18	SM40	80	1.69	2.26	6.0	12.2	30.6	0.67	2.79	3.73	60.6
XTE_050/1440-24	24	SM41	40	1.95	2.61	7.3	15.2	27.0	0.49	2.48	3.32	78.5
XTE_050/1440-36	36	SM43	40	2.89	3.87	8.9	17.9	44.5	0.56	3.45	4.63	83.6
XTE_050/1440-48	48	SM50	20	3.88	5.20	10.9	20.3	68.5	0.61	4.61	6.17	84.3
XTE_050/1440-72	72	SM42	40	5.83	7.81	15.3	31.7	85.0	0.73	7.74	10.37	75.3
XTE_050/1440-144	144	SM51	20	11.66	15.62	26.9	60.1	195.5	0.71	13.23	17.73	88.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 6. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 415 V AC 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.03	0.04	0.4	0.5	0.7	0.46	0.13	0.18	23.1
XTE_010/30-18	18	TM01	40	0.05	0.06	0.4	0.5	0.9	0.42	0.12	0.16	38.3
XTE_010/30-24	24	TM10	20	0.07	0.10	1.4	1.7	2.7	0.43	0.43	0.58	17.3
XTE_010/30-36	36	TM03	20	0.07	0.10	0.72	0.89	1.38	0.46	0.24	0.32	31.0
XTE_010/30-48	48	TM04	20	0.15	0.20	1.3	2.4	3.1	0.47	0.44	0.59	33.8
XTE_010/30-72	72	TM05	20	0.22	0.30	1.2	2.6	4.9	0.56	0.48	0.65	46.3
XTE_010/30-144	144	TM06	20	0.42	0.56	1.6	2.5	6.7	0.71	0.82	1.09	51.3
XTE_010/90-12	12	TM10	40	0.07	0.10	1.4	1.7	2.7	0.43	0.43	0.58	17.3
XTE_010/90-18	18	TM11	40	0.11	0.15	1.4	1.6	3.1	0.43	0.43	0.58	25.9
XTE_010/90-24	24	TM12	20	0.12	0.16	1.8	2.1	3.1	0.46	0.60	0.80	20.3
XTE_010/90-36	36	TM13	20	0.18	0.25	1.9	2.6	3.9	0.41	0.56	0.75	32.9
XTE_010/90-48	48	TM14	20	0.28	0.38	1.6	2.1	5.7	0.46	0.53	0.71	53.0
XTE_010/90-72	72	SM15	20	0.37	0.49	2.0	3.0	8.3	0.55	0.79	1.06	46.5
XTE_010/90-144	144	SM16	20	0.73	0.98	2.7	4.7	14.1	0.67	1.30	1.74	56.5
XTE_020/180-18	18	TM13	40	0.18	0.25	1.9	2.6	3.9	0.41	0.56	0.75	32.9
XTE_020/180-24	24	TM14	40	0.28	0.38	1.6	2.1	5.7	0.46	0.53	0.71	53.0
XTE_020/180-36	36	SM15	40	0.37	0.49	2.0	3.0	8.3	0.55	0.79	1.06	46.5
XTE_020/180-48	48	SM21	20	0.53	0.71	2.7	4.7	8.8	0.43	0.83	1.12	63.4
XTE_020/180-72	72	SM22	20	0.79	1.06	3.0	6.1	13.1	0.61	1.32	1.76	60.2
XTE_020/180-144	144	SM23	20	1.47	1.97	4.9	8.3	26.5	0.67	2.36	3.16	62.3
XTE_030/360-12	12	SM21	80	0.53	0.71	2.7	4.7	8.8	0.43	0.83	1.12	63.4
XTE_030/360-18	18	SM32	40	0.51	0.68	3.0	4.0	9.4	0.39	0.83	1.11	61.0
XTE_030/360-24	24	SM21	40	0.53	0.71	2.7	4.7	8.8	0.43	0.83	1.12	63.4
XTE_030/360-48	48	SM30	20	1.13	1.52	5.8	10.1	20.3	0.43	1.79	2.40	63.1
XTE_030/360-72	72	SM23	40	1.47	1.97	4.9	8.3	26.5	0.67	2.36	3.16	62.3
XTE_030/360-144	144	SM31	20	3.37	4.52	8.2	17.6	56.7	0.68	4.01	5.37	84.2
XTE_040/720-12	12	SM30	80	1.13	1.52	5.8	10.1	20.3	0.43	1.79	2.40	63.1
XTE_040/720-18	18	SM44	40	0.84	1.12	4.1	7.3	13.5	0.39	1.15	1.54	73.0
XTE_040/720-24	24	SM30	40	1.13	1.52	5.8	10.1	20.3	0.43	1.79	2.40	63.1
XTE_040/720-36	36	SM40	40	1.69	2.27	5.8	12.0	31.8	0.67	2.79	3.74	60.6
XTE_040/720-48	48	SM41	20	1.93	2.58	7.0	14.9	28.0	0.49	2.47	3.30	78.2
XTE_040/720-72	72	SM31	40	3.37	4.52	8.2	17.6	56.7	0.68	4.01	5.37	84.2
XTE_040/720-144	144	SM42	20	5.84	7.83	14.8	31.1	88.2	0.73	7.77	10.41	75.2
XTE_050/1440-12	12	SM41	80	1.93	2.58	7.0	14.9	28.0	0.49	2.47	3.30	78.2
XTE_050/1440-18	18	SM40	80	1.69	2.27	5.8	12.0	31.8	0.67	2.79	3.74	60.6
XTE_050/1440-24	24	SM41	40	1.93	2.58	7.0	14.9	28.0	0.49	2.47	3.30	78.2
XTE_050/1440-36	36	SM43	40	2.89	3.88	8.6	17.6	46.2	0.56	3.46	4.64	83.6
XTE_050/1440-48	48	SM50	20	3.88	5.20	10.5	19.9	71.1	0.61	4.60	6.17	84.3
XTE_050/1440-72	72	SM42	40	5.84	7.83	14.8	31.1	88.2	0.73	7.77	10.41	75.2
XTE_050/1440-144	144	SM51	20	11.65	15.60	25.9	59.0	202.8	0.71	13.22	17.71	88.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 7. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 440 V AC 50 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.03	0.04	0.4	0.4	0.6	0.46	0.14	0.19	23.1
XTE_010/30-18	18	TM01	40	0.05	0.07	0.4	0.5	0.8	0.42	0.13	0.17	38.3
XTE_010/30-24	24	TM10	20	0.07	0.10	1.3	1.6	2.4	0.43	0.43	0.57	17.3
XTE_010/30-36	36	TM03	20	0.07	0.10	0.68	0.82	1.27	0.46	0.24	0.32	31.0
XTE_010/30-48	48	TM04	20	0.15	0.19	1.2	2.2	2.7	0.47	0.43	0.58	33.8
XTE_010/30-72	72	TM05	20	0.22	0.29	1.1	2.4	4.3	0.56	0.47	0.63	46.3
XTE_010/30-144	144	TM06	20	0.44	0.60	1.6	2.3	5.9	0.71	0.87	1.16	51.3
XTE_010/90-12	12	TM10	40	0.07	0.10	1.3	1.6	2.4	0.43	0.43	0.57	17.3
XTE_010/90-18	18	TM11	40	0.11	0.15	1.3	1.5	2.7	0.43	0.43	0.57	25.9
XTE_010/90-24	24	TM12	20	0.12	0.16	1.7	1.9	2.7	0.46	0.60	0.80	20.3
XTE_010/90-36	36	TM13	20	0.19	0.25	1.8	2.4	3.5	0.41	0.56	0.75	32.9
XTE_010/90-48	48	TM14	20	0.30	0.40	1.6	1.9	5.0	0.46	0.56	0.75	53.0
XTE_010/90-72	72	SM15	20	0.37	0.49	1.9	2.7	7.3	0.55	0.80	1.07	45.9
XTE_010/90-144	144	SM16	20	0.75	1.01	2.6	4.4	12.4	0.67	1.33	1.78	56.5
XTE_020/180-18	18	TM13	40	0.19	0.25	1.8	2.4	3.5	0.41	0.56	0.75	32.9
XTE_020/180-24	24	TM14	40	0.30	0.40	1.6	1.9	5.0	0.46	0.56	0.75	53.0
XTE_020/180-36	36	SM15	40	0.37	0.49	1.9	2.7	7.3	0.55	0.80	1.07	45.9
XTE_020/180-48	48	SM21	20	0.54	0.72	2.6	4.4	7.7	0.43	0.85	1.14	63.4
XTE_020/180-72	72	SM22	20	0.78	1.05	2.8	5.6	11.5	0.61	1.30	1.74	60.2
XTE_020/180-144	144	SM23	20	1.46	1.96	4.6	7.7	23.2	0.67	2.35	3.15	62.3
XTE_030/360-12	12	SM21	80	0.54	0.72	2.6	4.4	7.7	0.43	0.85	1.14	63.4
XTE_030/360-18	18	SM32	40	0.50	0.67	2.8	3.7	8.3	0.39	0.83	1.12	60.2
XTE_030/360-24	24	SM21	40	0.54	0.72	2.6	4.4	7.7	0.43	0.85	1.14	63.4
XTE_030/360-48	48	SM30	20	1.14	1.52	5.5	9.4	17.8	0.43	1.80	2.42	63.1
XTE_030/360-72	72	SM23	40	1.46	1.96	4.6	7.7	23.2	0.67	2.35	3.15	62.3
XTE_030/360-144	144	SM31	20	3.36	4.50	7.7	16.3	49.6	0.68	3.99	5.35	84.2
XTE_040/720-12	12	SM30	80	1.14	1.52	5.5	9.4	17.8	0.43	1.80	2.42	63.1
XTE_040/720-18	18	SM44	40	0.84	1.12	3.9	6.7	11.8	0.39	1.16	1.55	72.4
XTE_040/720-24	24	SM30	40	1.14	1.52	5.5	9.4	17.8	0.43	1.80	2.42	63.1
XTE_040/720-36	36	SM40	40	1.70	2.28	5.5	11.1	27.8	0.67	2.81	3.76	60.6
XTE_040/720-48	48	SM41	20	1.93	2.58	6.6	13.8	24.6	0.49	2.46	3.30	78.2
XTE_040/720-72	72	SM31	40	3.36	4.50	7.7	16.3	49.6	0.68	3.99	5.35	84.2
XTE_040/720-144	144	SM42	20	5.82	7.80	13.9	28.8	77.3	0.73	7.73	10.36	75.3
XTE_050/1440-12	12	SM41	80	1.93	2.58	6.6	13.8	24.6	0.49	2.46	3.30	78.2
XTE_050/1440-18	18	SM40	80	1.70	2.28	5.5	11.1	27.8	0.67	2.81	3.76	60.6
XTE_050/1440-24	24	SM41	40	1.93	2.58	6.6	13.8	24.6	0.49	2.46	3.30	78.2
XTE_050/1440-36	36	SM43	40	2.89	3.87	8.1	16.3	40.5	0.56	3.46	4.63	83.6
XTE_050/1440-48	48	SM50	20	3.88	5.20	9.9	18.5	62.3	0.61	4.60	6.17	84.3
XTE_050/1440-72	72	SM42	40	5.82	7.80	13.9	28.8	77.3	0.73	7.73	10.36	75.3
XTE_050/1440-144	144	SM51	20	11.68	15.65	24.5	54.6	177.7	0.71	13.26	17.76	88.1

NOTES:

- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 8. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 500 V AC 50 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.03	0.04	0.3	0.4	0.5	0.46	0.12	0.16	23.1
XTE_010/30-18	18	TM01	40	0.06	0.07	0.4	0.4	0.7	0.42	0.15	0.19	38.3
XTE_010/30-24	24	TM10	20	0.07	0.09	1.1	1.4	2.1	0.43	0.41	0.55	17.3
XTE_010/30-36	36	TM03	20	0.07	0.10	0.06	0.72	1.12	0.46	0.24	0.32	31.0
XTE_010/30-48	48	TM04	20	0.14	0.18	1.0	1.9	2.4	0.47	0.41	0.55	33.8
XTE_010/30-72	72	TM05	20	0.22	0.30	1.0	2.1	3.8	0.56	0.48	0.65	46.3
XTE_010/30-144	144	TM06	20	0.44	0.59	1.4	2.0	5.2	0.71	0.86	1.15	51.3
XTE_010/90-12	12	TM10	40	0.07	0.09	1.1	1.4	2.1	0.43	0.41	0.55	17.3
XTE_010/90-18	18	TM11	40	0.11	0.14	1.1	1.3	2.4	0.43	0.41	0.55	25.9
XTE_010/90-24	24	TM12	20	0.12	0.16	1.5	1.7	2.4	0.46	0.60	0.80	20.3
XTE_010/90-36	36	TM13	20	0.19	0.25	1.6	2.1	3.0	0.41	0.57	0.76	32.9
XTE_010/90-48	48	TM14	20	0.30	0.40	1.4	1.7	4.4	0.46	0.56	0.75	53.0
XTE_010/90-72	72	SM15	20	0.37	0.50	1.7	2.4	6.4	0.55	0.81	1.09	45.9
XTE_010/90-144	144	SM16	20	0.72	0.97	2.2	3.8	10.9	0.67	1.28	1.71	56.5
XTE_020/180-18	18	TM13	40	0.19	0.25	1.6	2.1	3.0	0.41	0.57	0.76	32.9
XTE_020/180-24	24	TM14	40	0.30	0.40	1.4	1.7	4.4	0.46	0.56	0.75	53.0
XTE_020/180-36	36	SM15	40	0.37	0.50	1.7	2.4	6.4	0.55	0.81	1.09	45.9
XTE_020/180-48	48	SM21	20	0.52	0.70	2.2	3.8	6.8	0.43	0.82	1.10	63.4
XTE_020/180-72	72	SM22	20	0.80	1.07	2.5	5.0	10.1	0.61	1.32	1.77	60.2
XTE_020/180-144	144	SM23	20	1.48	1.99	4.1	6.8	20.4	0.67	2.38	3.19	62.3
XTE_030/360-12	12	SM21	80	0.52	0.70	2.2	3.8	6.8	0.43	0.82	1.10	63.4
XTE_030/360-18	18	SM32	40	0.51	0.68	2.5	3.3	7.3	0.39	0.83	1.12	61.0
XTE_030/360-24	24	SM21	40	0.52	0.70	2.2	3.8	6.8	0.43	0.82	1.10	63.4
XTE_030/360-48	48	SM30	20	1.13	1.51	4.8	8.2	15.7	0.43	1.79	2.40	63.1
XTE_030/360-72	72	SM23	40	1.48	1.99	4.1	6.8	20.4	0.67	2.38	3.19	62.3
XTE_030/360-144	144	SM31	20	3.37	4.52	6.8	14.3	43.7	0.68	4.00	5.37	84.2
XTE_040/720-12	12	SM30	80	1.13	1.51	4.8	8.2	15.7	0.43	1.79	2.40	63.1
XTE_040/720-18	18	SM44	40	0.83	1.11	3.4	5.9	10.4	0.39	1.15	1.54	72.4
XTE_040/720-24	24	SM30	40	1.13	1.51	4.8	8.2	15.7	0.43	1.79	2.40	63.1
XTE_040/720-36	36	SM40	40	1.69	2.26	4.8	9.8	24.5	0.67	2.79	3.73	60.6
XTE_040/720-48	48	SM41	20	1.93	2.59	5.8	12.2	21.6	0.49	2.46	3.30	78.5
XTE_040/720-72	72	SM31	40	3.37	4.52	6.8	14.3	43.7	0.68	4.00	5.37	84.2
XTE_040/720-144	144	SM42	20	5.81	7.78	12.2	25.4	68.0	0.73	7.71	10.34	75.3
XTE_050/1440-12	12	SM41	80	1.93	2.59	5.8	12.2	21.6	0.49	2.46	3.30	78.5
XTE_050/1440-18	18	SM40	80	1.69	2.26	4.8	9.8	24.5	0.67	2.79	3.73	60.6
XTE_050/1440-24	24	SM41	40	1.93	2.59	5.8	12.2	21.6	0.49	2.46	3.30	78.5
XTE_050/1440-36	36	SM43	40	2.88	3.86	7.1	14.3	35.6	0.56	3.44	4.61	83.6
XTE_050/1440-48	48	SM50	20	3.87	5.19	8.7	16.2	54.8	0.61	4.60	6.16	84.3
XTE_050/1440-72	72	SM42	40	5.81	7.78	12.2	25.4	68.0	0.73	7.71	10.34	75.3
XTE_050/1440-144	144	SM51	20	11.65	15.61	21.5	48.1	156.4	0.71	13.22	17.71	88.1

NOTES:

- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 9. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 660 V AC 50 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.04	0.05	0.3	0.3	0.4	0.46	0.16	0.21	23.1
XTE_010/30-18	18	TM01	40	0.05	0.07	0.3	0.3	0.5	0.42	0.14	0.19	35.4
XTE_010/30-24	24	TM10	20	0.08	0.10	0.9	1.0	1.6	0.43	0.44	0.59	17.3
XTE_010/30-36	36	TM03	20	0.07	0.10	0.46	0.54	0.85	0.46	0.24	0.32	31.0
XTE_010/30-48	48	TM04	20	0.15	0.19	0.8	1.5	1.8	0.47	0.43	0.58	33.8
XTE_010/30-72	72	TM05	20	0.21	0.28	0.7	1.6	2.9	0.56	0.45	0.60	46.3
XTE_010/30-144	144	TM06	20	0.42	0.56	1.0	1.5	3.9	0.71	0.81	1.09	51.3
XTE_010/90-12	12	TM10	40	0.08	0.10	0.9	1.0	1.6	0.43	0.44	0.59	17.3
XTE_010/90-18	18	TM11	40	0.11	0.15	0.9	1.0	1.8	0.43	0.44	0.59	25.9
XTE_010/90-24	24	TM12	20	0.13	0.17	1.2	1.3	1.8	0.46	0.63	0.85	20.3
XTE_010/90-36	36	TM13	20	0.19	0.25	1.2	1.6	2.3	0.41	0.56	0.75	32.9
XTE_010/90-48	48	TM14	20	0.28	0.37	1.0	1.3	3.3	0.46	0.53	0.70	53.0
XTE_010/90-72	72	SM15	20	0.38	0.51	1.3	1.8	4.9	0.55	0.82	1.10	46.5
XTE_010/90-144	144	SM16	20	0.74	0.99	1.7	2.9	8.2	0.67	1.30	1.74	56.5
XTE_020/180-18	18	TM13	40	0.19	0.25	1.2	1.6	2.3	0.41	0.56	0.75	32.9
XTE_020/180-24	24	TM14	40	0.28	0.37	1.0	1.3	3.3	0.46	0.53	0.70	53.0
XTE_020/180-36	36	SM15	40	0.38	0.51	1.3	1.8	4.9	0.55	0.82	1.10	46.5
XTE_020/180-48	48	SM21	20	0.53	0.71	1.7	2.9	5.2	0.43	0.84	1.12	63.4
XTE_020/180-72	72	SM22	20	0.80	1.07	1.9	3.8	7.6	0.61	1.32	1.78	60.2
XTE_020/180-144	144	SM23	20	1.48	1.98	3.1	5.2	15.5	0.67	2.37	3.18	62.3
XTE_030/360-12	12	SM21	80	0.53	0.71	1.7	2.9	5.2	0.43	0.84	1.12	63.4
XTE_030/360-18	18	SM32	40	0.51	0.68	1.9	2.5	5.5	0.39	0.84	1.12	61.0
XTE_030/360-24	24	SM21	40	0.53	0.71	1.7	2.9	5.2	0.43	0.84	1.12	63.4
XTE_030/360-48	48	SM30	20	1.12	1.50	3.6	6.2	11.9	0.43	1.77	2.37	63.1
XTE_030/360-72	72	SM23	40	1.48	1.98	3.1	5.2	15.5	0.67	2.37	3.18	62.3
XTE_030/360-144	144	SM31	20	3.40	4.56	5.2	10.9	33.1	0.68	4.04	5.42	84.2
XTE_040/720-12	12	SM30	80	1.12	1.50	3.6	6.2	11.9	0.43	1.77	2.37	63.1
XTE_040/720-18	18	SM44	40	0.84	1.12	2.6	4.5	7.9	0.39	1.16	1.55	72.4
XTE_040/720-24	24	SM30	40	1.12	1.50	3.6	6.2	11.9	0.43	1.77	2.37	63.1
XTE_040/720-36	36	SM40	40	1.67	2.24	3.6	7.4	18.6	0.67	2.76	3.69	60.6
XTE_040/720-48	48	SM41	20	1.93	2.59	4.4	9.2	16.4	0.49	2.46	3.30	78.5
XTE_040/720-72	72	SM31	40	3.40	4.56	5.2	10.9	33.1	0.68	4.04	5.42	84.2
XTE_040/720-144	144	SM42	20	5.84	7.83	9.3	19.2	51.5	0.73	7.76	10.40	75.3
XTE_050/1440-12	12	SM41	80	1.93	2.59	4.4	9.2	16.4	0.49	2.46	3.30	78.5
XTE_050/1440-18	18	SM40	80	1.67	2.24	3.6	7.4	18.6	0.67	2.76	3.69	60.6
XTE_050/1440-24	24	SM41	40	1.93	2.59	4.4	9.2	16.4	0.49	2.46	3.30	78.5
XTE_050/1440-36	36	SM43	40	2.89	3.87	5.4	10.9	27.0	0.56	3.46	4.63	83.6
XTE_050/1440-48	48	SM50	20	3.88	5.20	6.6	12.3	41.5	0.61	4.60	6.17	84.3
XTE_050/1440-72	72	SM42	40	5.84	7.83	9.3	19.2	51.5	0.73	7.76	10.40	75.3
XTE_050/1440-144	144	SM51	20	11.66	15.62	16.3	36.4	118.5	0.71	13.23	17.73	88.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 10. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 690 V AC 50 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.03	0.03	0.2	0.3	0.4	0.46	0.11	0.15	23.1
XTE_010/30-18	18	TM01	40	0.05	0.07	0.3	0.3	0.5	0.42	0.15	0.20	35.4
XTE_010/30-24	24	TM10	20	0.07	0.10	0.8	1.0	1.5	0.43	0.41	0.55	17.3
XTE_010/30-36	36	TM03	20	0.07	0.10	0.43	0.52	0.81	0.46	0.24	0.32	31.0
XTE_010/30-48	48	TM04	20	0.15	0.20	0.8	1.4	1.7	0.47	0.45	0.60	33.8
XTE_010/30-72	72	TM05	20	0.22	0.29	0.7	1.5	2.7	0.56	0.47	0.63	46.3
XTE_010/30-144	144	TM06	20	0.43	0.58	1.0	1.5	3.8	0.71	0.85	1.14	50.7
XTE_010/90-12	12	TM10	40	0.07	0.10	0.8	1.0	1.5	0.43	0.41	0.55	17.3
XTE_010/90-18	18	TM11	40	0.11	0.14	0.8	0.9	1.7	0.43	0.41	0.55	25.9
XTE_010/90-24	24	TM12	20	0.12	0.16	1.1	1.2	1.7	0.46	0.60	0.81	20.3
XTE_010/90-36	36	TM13	20	0.19	0.26	1.2	1.5	2.2	0.41	0.59	0.79	32.9
XTE_010/90-48	48	TM14	20	0.29	0.39	1.0	1.2	3.2	0.46	0.55	0.74	53.0
XTE_010/90-72	72	SM15	20	0.36	0.49	1.2	1.7	4.6	0.55	0.79	1.06	45.9
XTE_010/90-144	144	SM16	20	0.73	0.98	1.6	2.8	7.9	0.67	1.28	1.72	57.0
XTE_020/180-18	18	TM13	40	0.19	0.26	1.2	1.5	2.2	0.41	0.59	0.79	32.9
XTE_020/180-24	24	TM14	40	0.29	0.39	1.0	1.2	3.2	0.46	0.55	0.74	53.0
XTE_020/180-36	36	SM15	40	0.36	0.49	1.2	1.7	4.6	0.55	0.79	1.06	45.9
XTE_020/180-48	48	SM21	20	0.52	0.70	1.6	2.8	4.9	0.43	0.82	1.10	63.4
XTE_020/180-72	72	SM22	20	0.79	1.06	1.8	3.6	7.3	0.61	1.31	1.76	60.2
XTE_020/180-144	144	SM23	20	1.49	2.00	3.0	4.9	14.8	0.67	2.40	3.22	62.0
XTE_030/360-12	12	SM21	80	0.52	0.70	1.6	2.8	4.9	0.43	0.82	1.10	63.4
XTE_030/360-18	18	SM32	40	0.51	0.68	1.8	2.4	5.3	0.39	0.83	1.11	61.0
XTE_030/360-24	24	SM21	40	0.52	0.70	1.6	2.8	4.9	0.43	0.82	1.10	63.4
XTE_030/360-48	48	SM30	20	1.13	1.52	3.5	6.0	11.4	0.43	1.80	2.41	63.1
XTE_030/360-72	72	SM23	40	1.49	2.00	3.0	4.9	14.8	0.67	2.40	3.22	62.0
XTE_030/360-144	144	SM31	20	3.35	4.49	4.9	10.4	31.7	0.68	3.98	5.34	84.2
XTE_040/720-12	12	SM30	80	1.13	1.52	3.5	6.0	11.4	0.43	1.80	2.41	63.1
XTE_040/720-18	18	SM44	40	0.85	1.14	2.5	4.3	7.5	0.39	1.16	1.56	73.0
XTE_040/720-24	24	SM30	40	1.13	1.52	3.5	6.0	11.4	0.43	1.80	2.41	63.1
XTE_040/720-36	36	SM40	40	1.70	2.28	3.5	7.1	17.7	0.67	2.80	3.76	60.6
XTE_040/720-48	48	SM41	20	1.93	2.59	4.2	8.8	15.7	0.49	2.46	3.30	78.5
XTE_040/720-72	72	SM31	40	3.35	4.49	4.9	10.4	31.7	0.68	3.98	5.34	84.2
XTE_040/720-144	144	SM42	20	5.85	7.83	8.9	18.4	49.3	0.73	7.76	10.40	75.3
XTE_050/1440-12	12	SM41	80	1.93	2.59	4.2	8.8	15.7	0.49	2.46	3.30	78.5
XTE_050/1440-18	18	SM40	80	1.70	2.28	3.5	7.1	17.7	0.67	2.80	3.76	60.6
XTE_050/1440-24	24	SM41	40	1.93	2.59	4.2	8.8	15.7	0.49	2.46	3.30	78.5
XTE_050/1440-36	36	SM43	40	2.91	3.90	5.2	10.4	25.8	0.56	3.48	4.66	83.6
XTE_050/1440-48	48	SM50	20	3.87	5.19	6.3	11.8	39.7	0.61	4.59	6.15	84.3
XTE_050/1440-72	72	SM42	40	5.85	7.83	8.9	18.4	49.3	0.73	7.76	10.40	75.3
XTE_050/1440-144	144	SM51	20	11.66	15.63	15.6	34.8	113.3	0.71	13.24	17.74	88.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 11. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 208 V AC 60 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-14	14	TM00	40	0.04	0.05	1.0	1.1	1.6	0.46	0.17	0.22	22.5
XTE_010/30-22	22	TM01	40	0.06	0.07	1.0	1.2	2.1	0.42	0.15	0.20	36.7
XTE_010/30-29	29	TM10	20	0.08	0.11	3.2	3.8	6.5	0.43	0.50	0.66	17.0
XTE_010/30-43	43	TM03	20	0.09	0.12	1.73	2.08	3.23	0.46	0.46	0.29	31.0
XTE_010/30-58	58	TM04	20	0.17	0.23	3.0	5.4	7.5	0.47	0.51	0.68	34.0
XTE_010/30-86	86	TM05	20	0.26	0.35	2.8	5.9	11.7	0.56	0.56	0.76	46.4
XTE_010/30-173	173	TM06	20	0.51	0.68	3.9	5.7	16.2	0.71	1.00	1.34	51.1
XTE_010/90-14	14	TM10	40	0.08	0.11	3.2	3.8	6.5	0.43	0.50	0.66	17.0
XTE_010/90-22	22	TM11	40	0.13	0.17	3.2	3.6	7.5	0.43	0.50	0.66	25.6
XTE_010/90-29	29	TM12	20	0.15	0.20	4.4	4.8	7.5	0.46	0.73	0.98	20.4
XTE_010/90-43	43	TM13	20	0.22	0.29	4.6	5.9	9.5	0.41	0.68	0.91	32.4
XTE_010/90-58	58	TM14	20	0.34	0.46	3.9	4.8	13.7	0.46	0.65	0.87	52.8
XTE_010/90-86	86	SM15	20	0.45	0.60	4.9	6.8	19.9	0.55	0.97	1.30	45.9
XTE_010/90-173	173	SM16	20	0.89	1.20	6.5	10.9	33.9	0.67	1.57	2.10	56.9
XTE_020/180-22	22	TM13	40	0.22	0.29	4.6	5.9	9.5	0.41	0.68	0.91	32.4
XTE_020/180-29	29	TM14	40	0.34	0.46	3.9	4.8	13.7	0.46	0.65	0.87	52.8
XTE_020/180-43	43	SM15	40	0.45	0.60	4.9	6.8	19.9	0.55	0.97	1.30	45.9
XTE_020/180-58	58	SM21	20	0.64	0.85	6.5	10.9	21.2	0.43	1.01	1.35	63.1
XTE_020/180-86	86	SM22	20	0.95	1.28	7.2	14.0	31.4	0.61	1.58	2.12	60.3
XTE_020/180-173	173	SM23	20	1.77	2.37	11.8	19.2	63.6	0.67	2.85	3.82	62.1
XTE_030/360-14	14	SM21	80	0.64	0.85	6.5	10.9	21.2	0.43	1.01	1.35	63.1
XTE_030/360-22	22	SM32	40	0.61	0.81	7.2	9.3	22.7	0.39	1.00	1.34	60.6
XTE_030/360-29	29	SM21	40	0.64	0.85	6.5	10.9	21.2	0.43	1.01	1.35	63.1
XTE_030/360-58	58	SM30	20	1.35	1.81	13.9	23.3	48.9	0.43	2.15	2.89	62.9
XTE_030/360-86	86	SM23	40	1.77	2.37	11.8	19.2	63.6	0.67	2.85	3.82	62.1
XTE_030/360-173	173	SM31	20	4.04	5.42	19.6	40.5	136.1	0.68	4.80	6.43	84.2
XTE_040/720-14	14	SM30	80	1.35	1.81	13.9	23.3	48.9	0.43	2.15	2.89	62.9
XTE_040/720-22	22	SM44	40	1.01	1.35	9.9	16.7	32.4	0.39	1.39	1.86	72.5
XTE_040/720-29	29	SM30	40	1.35	1.81	13.9	23.3	48.9	0.43	2.15	2.89	62.9
XTE_040/720-43	43	SM40	40	2.03	2.72	13.9	27.6	76.3	0.67	3.36	4.50	60.5
XTE_040/720-58	58	SM41	20	2.34	3.13	16.9	34.4	67.3	0.49	2.98	4.00	78.4
XTE_040/720-86	86	SM31	40	4.04	5.42	19.6	40.5	136.1	0.68	4.80	6.43	84.2
XTE_040/720-173	173	SM42	20	6.98	9.36	35.3	71.7	211.9	0.73	9.28	12.44	75.2
XTE_050/1440-14	14	SM41	80	2.34	3.13	16.9	34.4	67.3	0.49	2.98	4.00	78.4
XTE_050/1440-22	22	SM40	80	2.03	2.72	13.9	27.6	76.3	0.67	3.36	4.50	60.5
XTE_050/1440-29	29	SM41	40	2.34	3.13	16.9	34.4	67.3	0.49	2.98	4.00	78.4
XTE_050/1440-43	43	SM43	40	3.46	4.63	20.5	40.5	110.9	0.56	4.14	5.54	83.6
XTE_050/1440-58	58	SM50	20	4.67	6.26	25.2	45.9	170.7	0.61	5.54	7.42	84.3
XTE_050/1440-86	86	SM42	40	6.98	9.36	35.3	71.7	211.9	0.73	9.28	12.44	75.2
XTE_050/1440-173	173	SM51	20	14.04	18.82	62.1	135.9	487.3	0.71	15.88	21.29	88.4

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 12. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 220 V AC 60 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-14	14	TM00	40	0.04	0.05	0.9	1.0	1.5	0.46	0.16	0.21	22.5
XTE_010/30-22	22	TM01	40	0.06	0.08	1.0	1.2	2.0	0.42	0.16	0.21	36.7
XTE_010/30-29	29	TM10	20	0.09	0.12	3.1	3.6	6.1	0.43	0.51	0.68	17.0
XTE_010/30-43	43	TM03	20	0.09	0.12	1.64	1.96	3.05	0.46	0.46	0.29	31.0
XTE_010/30-58	58	TM04	20	0.17	0.23	2.8	5.1	7.1	0.47	0.50	0.67	34.0
XTE_010/30-86	86	TM05	20	0.26	0.34	2.6	5.6	11.1	0.56	0.55	0.74	46.4
XTE_010/30-173	173	TM06	20	0.51	0.69	3.7	5.4	15.3	0.71	1.00	1.34	51.1
XTE_010/90-14	14	TM10	40	0.09	0.12	3.1	3.6	6.1	0.43	0.51	0.68	17.0
XTE_010/90-22	22	TM11	40	0.13	0.17	3.1	3.4	7.1	0.43	0.51	0.68	25.6
XTE_010/90-29	29	TM12	20	0.15	0.20	4.2	4.5	7.1	0.46	0.74	0.99	20.4
XTE_010/90-43	43	TM13	20	0.22	0.30	4.4	5.6	9.0	0.41	0.69	0.92	32.4
XTE_010/90-58	58	TM14	20	0.34	0.46	3.7	4.5	13.0	0.46	0.65	0.87	52.8
XTE_010/90-86	86	SM15	20	0.44	0.59	4.6	6.4	18.9	0.55	0.96	1.29	45.9
XTE_010/90-173	173	SM16	20	0.88	1.18	6.1	10.3	32.1	0.67	1.56	2.09	56.5
XTE_020/180-22	22	TM13	40	0.22	0.30	4.4	5.6	9.0	0.41	0.69	0.92	32.4
XTE_020/180-29	29	TM14	40	0.34	0.46	3.7	4.5	13.0	0.46	0.65	0.87	52.8
XTE_020/180-43	43	SM15	40	0.44	0.59	4.6	6.4	18.9	0.55	0.96	1.29	45.9
XTE_020/180-58	58	SM21	20	0.63	0.85	6.1	10.3	20.0	0.43	1.00	1.34	63.1
XTE_020/180-86	86	SM22	20	0.95	1.28	6.8	13.3	29.7	0.61	1.58	2.12	60.3
XTE_020/180-173	173	SM23	20	1.76	2.36	11.1	18.2	60.1	0.67	2.83	3.80	62.1
XTE_030/360-14	14	SM21	80	0.63	0.85	6.1	10.3	20.0	0.43	1.00	1.34	63.1
XTE_030/360-22	22	SM32	40	0.61	0.81	6.8	8.8	21.4	0.39	1.00	1.34	60.6
XTE_030/360-29	29	SM21	40	0.63	0.85	6.1	10.3	20.0	0.43	1.00	1.34	63.1
XTE_030/360-58	58	SM30	20	1.35	1.81	13.1	22.0	46.2	0.43	2.15	2.88	62.9
XTE_030/360-86	86	SM23	40	1.76	2.36	11.1	18.2	60.1	0.67	2.83	3.80	62.1
XTE_030/360-173	173	SM31	20	4.06	5.44	18.6	38.3	128.7	0.68	4.82	6.46	84.2
XTE_040/720-14	14	SM30	80	1.35	1.81	13.1	22.0	46.2	0.43	2.15	2.88	62.9
XTE_040/720-22	22	SM44	40	1.01	1.36	9.4	15.8	30.6	0.39	1.40	1.87	72.5
XTE_040/720-29	29	SM30	40	1.35	1.81	13.1	22.0	46.2	0.43	2.15	2.88	62.9
XTE_040/720-43	43	SM40	40	2.02	2.71	13.1	26.1	72.1	0.67	3.34	4.48	60.5
XTE_040/720-58	58	SM41	20	2.33	3.12	15.9	32.5	63.6	0.49	2.97	3.98	78.4
XTE_040/720-86	86	SM31	40	4.06	5.44	18.6	38.3	128.7	0.68	4.82	6.46	84.2
XTE_040/720-173	173	SM42	20	6.99	9.36	33.4	67.8	200.3	0.73	9.29	12.45	75.2
XTE_050/1440-14	14	SM41	80	2.33	3.12	15.9	32.5	63.6	0.49	2.97	3.98	78.4
XTE_050/1440-22	22	SM40	80	2.02	2.71	13.1	26.1	72.1	0.67	3.34	4.48	60.5
XTE_050/1440-29	29	SM41	40	2.33	3.12	15.9	32.5	63.6	0.49	2.97	3.98	78.4
XTE_050/1440-43	43	SM43	40	3.46	4.64	19.4	38.3	104.9	0.56	4.14	5.55	83.6
XTE_050/1440-58	58	SM50	20	4.66	6.25	23.8	43.4	161.4	0.61	5.53	7.41	84.3
XTE_050/1440-86	86	SM42	40	6.99	9.36	33.4	67.8	200.3	0.73	9.29	12.45	75.2
XTE_050/1440-173	173	SM51	20	14.04	18.81	58.7	128.5	460.7	0.71	15.88	21.28	88.4

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 13. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 280 V AC 60 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-14	14	TM00	40	0.04	0.05	0.7	0.8	1.2	0.46	0.16	0.21	22.5
XTE_010/30-22	22	TM01	40	0.06	0.08	0.8	0.9	1.6	0.42	0.16	0.22	36.7
XTE_010/30-29	29	TM10	20	0.09	0.11	2.4	2.9	4.8	0.43	0.50	0.67	17.0
XTE_010/30-43	43	TM03	20	0.09	0.12	1.29	1.54	2.4	0.46	0.46	0.29	31.0
XTE_010/30-58	58	TM04	20	0.17	0.23	2.2	4.0	5.6	0.47	0.50	0.67	34.0
XTE_010/30-86	86	TM05	20	0.26	0.35	2.1	4.4	8.7	0.56	0.57	0.76	46.4
XTE_010/30-173	173	TM06	20	0.51	0.68	2.9	4.2	12.0	0.71	1.00	1.34	51.1
XTE_010/90-14	14	TM10	40	0.09	0.11	2.4	2.9	4.8	0.43	0.50	0.67	17.0
XTE_010/90-22	22	TM11	40	0.13	0.17	2.4	2.7	5.6	0.43	0.50	0.67	25.6
XTE_010/90-29	29	TM12	20	0.15	0.20	3.3	3.5	5.6	0.46	0.74	0.99	20.4
XTE_010/90-43	43	TM13	20	0.22	0.29	3.4	4.4	7.0	0.41	0.68	0.91	32.4
XTE_010/90-58	58	TM14	20	0.35	0.46	2.9	3.5	10.2	0.46	0.65	0.87	53.6
XTE_010/90-86	86	SM15	20	0.44	0.59	3.6	5.0	14.8	0.55	0.96	1.29	45.9
XTE_010/90-173	173	SM16	20	0.88	1.18	4.8	8.1	25.2	0.67	1.56	2.09	56.5
XTE_020/180-22	22	TM13	40	0.22	0.29	3.4	4.4	7.0	0.41	0.68	0.91	32.4
XTE_020/180-29	29	TM14	40	0.35	0.46	2.9	3.5	10.2	0.46	0.65	0.87	53.6
XTE_020/180-43	43	SM15	40	0.44	0.59	3.6	5.0	14.8	0.55	0.96	1.29	45.9
XTE_020/180-58	58	SM21	20	0.63	0.85	4.8	8.1	15.7	0.43	1.00	1.34	63.1
XTE_020/180-86	86	SM22	20	0.95	1.27	5.3	10.4	23.3	0.61	1.57	2.10	60.3
XTE_020/180-173	173	SM23	20	1.76	2.35	8.7	14.3	47.2	0.67	2.83	3.79	62.1
XTE_030/360-14	14	SM21	80	0.63	0.85	4.8	8.1	15.7	0.43	1.00	1.34	63.1
XTE_030/360-22	22	SM32	40	0.60	0.80	5.3	6.9	16.9	0.39	0.99	1.33	60.6
XTE_030/360-29	29	SM21	40	0.63	0.85	4.8	8.1	15.7	0.43	1.00	1.34	63.1
XTE_030/360-58	58	SM30	20	1.35	1.81	10.3	17.3	36.3	0.43	2.15	2.88	62.9
XTE_030/360-86	86	SM23	40	1.76	2.35	8.7	14.3	47.2	0.67	2.83	3.79	62.1
XTE_030/360-173	173	SM31	20	4.05	5.43	14.6	30.1	101.1	0.68	4.81	6.45	84.2
XTE_040/720-14	14	SM30	80	1.35	1.81	10.3	17.3	36.3	0.43	2.15	2.88	62.9
XTE_040/720-22	22	SM44	40	1.01	1.36	7.4	12.4	24.1	0.39	1.40	1.87	72.5
XTE_040/720-29	29	SM30	40	1.35	1.81	10.3	17.3	36.3	0.43	2.15	2.88	62.9
XTE_040/720-43	43	SM40	40	2.02	2.71	10.3	20.5	56.7	0.67	3.35	4.48	60.5
XTE_040/720-58	58	SM41	20	2.33	3.12	12.5	25.5	50.0	0.49	2.97	3.98	78.4
XTE_040/720-86	86	SM31	40	4.05	5.43	14.6	30.1	101.1	0.68	4.81	6.45	84.2
XTE_040/720-173	173	SM42	20	6.98	9.35	26.2	53.3	157.4	0.73	9.28	12.43	75.2
XTE_050/1440-14	14	SM41	80	2.33	3.12	12.5	25.5	50.0	0.49	2.97	3.98	78.4
XTE_050/1440-22	22	SM40	80	2.02	2.71	10.3	20.5	56.7	0.67	3.35	4.48	60.5
XTE_050/1440-29	29	SM41	40	2.33	3.12	12.5	25.5	50.0	0.49	2.97	3.98	78.4
XTE_050/1440-43	43	SM43	40	3.47	4.65	15.3	30.1	82.4	0.56	4.16	5.57	83.6
XTE_050/1440-58	58	SM50	20	4.66	6.25	18.7	34.1	126.8	0.61	5.53	7.41	84.3
XTE_050/1440-86	86	SM42	40	6.98	9.35	26.2	53.3	157.4	0.73	9.28	12.43	75.2
XTE_050/1440-173	173	SM51	20	14.03	18.80	46.1	101.0	362.0	0.71	15.87	21.27	88.4

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 14. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 380 V AC 60 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-14	14	TM00	40	0.03	0.05	0.5	0.6	0.9	0.46	0.15	0.20	22.5
XTE_010/30-22	22	TM01	40	0.06	0.08	0.6	0.7	1.2	0.42	0.17	0.22	36.7
XTE_010/30-29	29	TM10	20	0.09	0.12	1.8	2.1	3.6	0.43	0.51	0.68	17.0
XTE_010/30-43	43	TM03	20	0.09	0.12	0.95	1.14	1.77	0.46	0.46	0.29	31.0
XTE_010/30-58	58	TM04	20	0.17	0.23	1.6	3.0	4.1	0.47	0.49	0.66	34.0
XTE_010/30-86	86	TM05	20	0.25	0.34	1.5	3.2	6.4	0.56	0.55	0.74	45.5
XTE_010/30-173	173	TM06	20	0.53	0.70	2.2	3.1	8.9	0.71	1.03	1.38	51.1
XTE_010/90-14	14	TM10	40	0.09	0.12	1.8	2.1	3.6	0.43	0.51	0.68	17.0
XTE_010/90-22	22	TM11	40	0.13	0.17	1.8	2.0	4.1	0.43	0.51	0.68	25.6
XTE_010/90-29	29	TM12	20	0.15	0.20	2.4	2.6	4.1	0.46	0.73	0.97	20.4
XTE_010/90-43	43	TM13	20	0.22	0.29	2.5	3.2	5.2	0.41	0.67	0.90	32.4
XTE_010/90-58	58	TM14	20	0.35	0.47	2.2	2.6	7.5	0.46	0.67	0.89	52.8
XTE_010/90-86	86	SM15	20	0.45	0.61	2.7	3.7	10.9	0.55	0.98	1.31	46.4
XTE_010/90-173	173	SM16	20	0.87	1.17	3.5	5.9	18.6	0.67	1.54	2.07	56.5
XTE_020/180-22	22	TM13	40	0.22	0.29	2.5	3.2	5.2	0.41	0.67	0.90	32.4
XTE_020/180-29	29	TM14	40	0.35	0.47	2.2	2.6	7.5	0.46	0.67	0.89	52.8
XTE_020/180-43	43	SM15	40	0.45	0.61	2.7	3.7	10.9	0.55	0.98	1.31	46.4
XTE_020/180-58	58	SM21	20	0.63	0.84	3.5	5.9	11.6	0.43	0.99	1.33	63.1
XTE_020/180-86	86	SM22	20	0.94	1.27	3.9	7.7	17.2	0.61	1.57	2.10	60.3
XTE_020/180-173	173	SM23	20	1.75	2.35	6.4	10.5	34.8	0.67	2.82	3.78	62.1
XTE_030/360-14	14	SM21	80	0.63	0.84	3.5	5.9	11.6	0.43	0.99	1.33	63.1
XTE_030/360-22	22	SM32	40	0.60	0.80	3.9	5.1	12.4	0.39	0.99	1.33	60.6
XTE_030/360-29	29	SM21	40	0.63	0.84	3.5	5.9	11.6	0.43	0.99	1.33	63.1
XTE_030/360-58	58	SM30	20	1.35	1.81	7.6	12.8	26.7	0.43	2.15	2.88	62.9
XTE_030/360-86	86	SM23	40	1.75	2.35	6.4	10.5	34.8	0.67	2.82	3.78	62.1
XTE_030/360-173	173	SM31	20	4.03	5.40	10.7	22.2	74.5	0.68	4.79	6.42	84.2
XTE_040/720-14	14	SM30	80	1.35	1.81	7.6	12.8	26.7	0.43	2.15	2.88	62.9
XTE_040/720-22	22	SM44	40	1.00	1.34	5.4	9.2	17.7	0.39	1.38	1.86	72.5
XTE_040/720-29	29	SM30	40	1.35	1.81	7.6	12.8	26.7	0.43	2.15	2.88	62.9
XTE_040/720-43	43	SM40	40	2.03	2.72	7.6	15.1	41.7	0.67	3.35	4.49	60.5
XTE_040/720-58	58	SM41	20	2.33	3.12	9.2	18.8	36.8	0.49	2.97	3.98	78.4
XTE_040/720-86	86	SM31	40	4.03	5.40	10.7	22.2	74.5	0.68	4.79	6.42	84.2
XTE_040/720-173	173	SM42	20	6.97	9.34	19.3	39.2	116.0	0.73	9.27	12.43	75.2
XTE_050/1440-14	14	SM41	80	2.33	3.12	9.2	18.8	36.8	0.49	2.97	3.98	78.4
XTE_050/1440-22	22	SM40	80	2.03	2.72	7.6	15.1	41.7	0.67	3.35	4.49	60.5
XTE_050/1440-29	29	SM41	40	2.33	3.12	9.2	18.8	36.8	0.49	2.97	3.98	78.4
XTE_050/1440-43	43	SM43	40	3.45	4.62	11.2	22.2	60.7	0.56	4.13	5.53	83.6
XTE_050/1440-58	58	SM50	20	4.67	6.26	13.8	25.1	93.5	0.61	5.54	7.42	84.3
XTE_050/1440-86	86	SM42	40	6.97	9.34	19.3	39.2	116.0	0.73	9.27	12.43	75.2
XTE_050/1440-173	173	SM51	20	14.05	18.82	34.0	74.4	266.7	0.71	15.89	21.29	88.4

NOTES:

- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 15. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 400 V AC 60 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-14	14	TM00	40	0.04	0.05	0.5	0.6	0.8	0.46	0.16	0.21	24.0
XTE_010/30-22	22	TM01	40	0.05	0.07	0.5	0.7	1.1	0.42	0.15	0.19	36.7
XTE_010/30-29	29	TM10	20	0.09	0.12	1.7	2.0	3.4	0.43	0.51	0.68	17.0
XTE_010/30-43	43	TM03	20	0.09	0.12	0.9	1.08	1.68	0.46	0.46	0.29	31.0
XTE_010/30-58	58	TM04	20	0.18	0.24	1.6	2.8	3.9	0.47	0.52	0.70	34.0
XTE_010/30-86	86	TM05	20	0.25	0.34	1.4	3.1	6.1	0.56	0.54	0.73	46.4
XTE_010/30-173	173	TM06	20	0.50	0.67	2.0	2.9	8.4	0.71	0.98	1.32	51.1
XTE_010/90-14	14	TM10	40	0.09	0.12	1.7	2.0	3.4	0.43	0.51	0.68	17.0
XTE_010/90-22	22	TM11	40	0.13	0.17	1.7	1.9	3.9	0.43	0.51	0.68	25.6
XTE_010/90-29	29	TM12	20	0.15	0.20	2.3	2.5	3.9	0.46	0.73	0.98	20.4
XTE_010/90-43	43	TM13	20	0.22	0.30	2.4	3.1	4.9	0.41	0.68	0.91	32.4
XTE_010/90-58	58	TM14	20	0.34	0.45	2.0	2.5	7.1	0.46	0.64	0.85	52.8
XTE_010/90-86	86	SM15	20	0.44	0.59	2.5	3.5	10.4	0.55	0.95	1.28	45.9
XTE_010/90-173	173	SM16	20	0.89	1.19	3.4	5.6	17.6	0.67	1.58	2.11	56.5
XTE_020/180-22	22	TM13	40	0.22	0.30	2.4	3.1	4.9	0.41	0.68	0.91	32.4
XTE_020/180-29	29	TM14	40	0.34	0.45	2.0	2.5	7.1	0.46	0.64	0.85	52.8
XTE_020/180-43	43	SM15	40	0.44	0.59	2.5	3.5	10.4	0.55	0.95	1.28	45.9
XTE_020/180-58	58	SM21	20	0.64	0.86	3.4	5.6	11.0	0.43	1.01	1.36	63.1
XTE_020/180-86	86	SM22	20	0.94	1.26	3.7	7.3	16.3	0.61	1.56	2.10	60.3
XTE_020/180-173	173	SM23	20	1.76	2.36	6.1	10.0	33.1	0.67	2.83	3.79	62.1
XTE_030/360-14	14	SM21	80	0.64	0.86	3.4	5.6	11.0	0.43	1.01	1.36	63.1
XTE_030/360-22	22	SM32	40	0.60	0.80	3.7	4.8	11.8	0.39	0.99	1.32	60.6
XTE_030/360-29	29	SM21	40	0.64	0.86	3.4	5.6	11.0	0.43	1.01	1.36	63.1
XTE_030/360-58	58	SM30	20	1.35	1.81	7.2	12.1	25.4	0.43	2.14	2.87	62.9
XTE_030/360-86	86	SM23	40	1.76	2.36	6.1	10.0	33.1	0.67	2.83	3.79	62.1
XTE_030/360-173	173	SM31	20	4.05	5.42	10.2	21.1	70.8	0.68	4.81	6.44	84.2
XTE_040/720-14	14	SM30	80	1.35	1.81	7.2	12.1	25.4	0.43	2.14	2.87	62.9
XTE_040/720-22	22	SM44	40	1.02	1.36	5.2	8.7	16.9	0.39	1.40	1.88	72.5
XTE_040/720-29	29	SM30	40	1.35	1.81	7.2	12.1	25.4	0.43	2.14	2.87	62.9
XTE_040/720-43	43	SM40	40	2.02	2.71	7.2	14.4	39.7	0.67	3.34	4.48	60.5
XTE_040/720-58	58	SM41	20	2.34	3.14	8.8	17.9	35.0	0.49	2.99	4.00	78.4
XTE_040/720-86	86	SM31	40	4.05	5.42	10.2	21.1	70.8	0.68	4.81	6.44	84.2
XTE_040/720-173	173	SM42	20	7.00	9.38	18.4	37.3	110.2	0.73	9.31	12.47	75.2
XTE_050/1440-14	14	SM41	80	2.34	3.14	8.8	17.9	35.0	0.49	2.99	4.00	78.4
XTE_050/1440-22	22	SM40	80	2.02	2.71	7.2	14.4	39.7	0.67	3.34	4.48	60.5
XTE_050/1440-29	29	SM41	40	2.34	3.14	8.8	17.9	35.0	0.49	2.99	4.00	78.4
XTE_050/1440-43	43	SM43	40	3.47	4.65	10.7	21.1	57.7	0.56	4.15	5.56	83.6
XTE_050/1440-58	58	SM50	20	4.67	6.25	13.1	23.9	88.8	0.61	5.54	7.42	84.3
XTE_050/1440-86	86	SM42	40	7.00	9.38	18.4	37.3	110.2	0.73	9.31	12.47	75.2
XTE_050/1440-173	173	SM51	20	14.05	18.82	32.3	70.7	253.4	0.71	15.89	21.29	88.4

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 16. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 440 V AC 60 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-14	14	TM00	40	0.04	0.05	0.5	0.5	0.6	0.46	0.18	0.23	22.5
XTE_010/30-22	22	TM01	40	0.06	0.08	0.5	0.6	0.8	0.42	0.16	0.21	36.7
XTE_010/30-29	29	TM10	20	0.08	0.11	1.5	1.7	2.6	0.43	0.49	0.66	17.0
XTE_010/30-43	43	TM03	20	0.09	0.12	0.82	0.94	1.47	0.46	0.46	0.29	31.0
XTE_010/30-58	58	TM04	20	0.17	0.23	1.4	2.5	3.0	0.47	0.50	0.67	34.0
XTE_010/30-86	86	TM05	20	0.26	0.34	1.3	2.7	4.7	0.56	0.55	0.74	46.4
XTE_010/30-173	173	TM06	20	0.53	0.70	1.9	2.6	6.4	0.71	1.03	1.38	51.1
XTE_010/90-14	14	TM10	40	0.08	0.11	1.5	1.7	2.6	0.43	0.49	0.66	17.0
XTE_010/90-22	22	TM11	40	0.13	0.17	1.5	1.6	3.0	0.43	0.49	0.66	25.6
XTE_010/90-29	29	TM12	20	0.15	0.20	2.1	2.2	3.0	0.46	0.74	0.99	20.4
XTE_010/90-43	43	TM13	20	0.22	0.30	2.2	2.7	3.8	0.41	0.69	0.92	32.4
XTE_010/90-58	58	TM14	20	0.36	0.48	1.9	2.2	5.5	0.46	0.67	0.89	53.6
XTE_010/90-86	86	SM15	20	0.44	0.59	2.3	3.1	7.9	0.55	0.96	1.29	45.9
XTE_010/90-173	173	SM16	20	0.90	1.21	3.1	4.9	13.5	0.67	1.58	2.12	56.9
XTE_020/180-22	22	TM13	40	0.22	0.30	2.2	2.7	3.8	0.41	0.69	0.92	32.4
XTE_020/180-29	29	TM14	40	0.36	0.48	1.9	2.2	5.5	0.46	0.67	0.89	53.6
XTE_020/180-43	43	SM15	40	0.44	0.59	2.3	3.1	7.9	0.55	0.96	1.29	45.9
XTE_020/180-58	58	SM21	20	0.65	0.87	3.1	4.9	8.4	0.43	1.02	1.36	63.7
XTE_020/180-86	86	SM22	20	0.95	1.28	3.4	6.4	12.5	0.61	1.58	2.12	60.3
XTE_020/180-173	173	SM23	20	1.78	2.39	5.6	8.7	25.3	0.67	2.86	3.83	62.3
XTE_030/360-14	14	SM21	80	0.65	0.87	3.1	4.9	8.4	0.43	1.02	1.36	63.7
XTE_030/360-22	22	SM32	40	0.61	0.81	3.4	4.2	9.0	0.39	1.00	1.34	60.6
XTE_030/360-29	29	SM21	40	0.65	0.87	3.1	4.9	8.4	0.43	1.02	1.36	63.7
XTE_030/360-58	58	SM30	20	1.36	1.82	6.6	10.5	19.4	0.43	2.16	2.90	62.9
XTE_030/360-86	86	SM23	40	1.78	2.39	5.6	8.7	25.3	0.67	2.86	3.83	62.3
XTE_030/360-173	173	SM31	20	4.06	5.44	9.3	18.3	54.1	0.68	4.82	6.46	84.2
XTE_040/720-14	14	SM30	80	1.36	1.82	6.6	10.5	19.4	0.43	2.16	2.90	62.9
XTE_040/720-22	22	SM44	40	1.01	1.36	4.7	7.6	12.9	0.39	1.40	1.87	72.5
XTE_040/720-29	29	SM30	40	1.36	1.82	6.6	10.5	19.4	0.43	2.16	2.90	62.9
XTE_040/720-43	43	SM40	40	2.04	2.73	6.6	12.5	30.3	0.67	3.37	4.52	60.5
XTE_040/720-58	58	SM41	20	2.34	3.14	8.0	15.6	26.7	0.49	2.99	4.00	78.4
XTE_040/720-86	86	SM31	40	4.06	5.44	9.3	18.3	54.1	0.68	4.82	6.46	84.2
XTE_040/720-173	173	SM42	20	6.99	9.36	16.7	32.5	84.2	0.73	9.29	12.45	75.2
XTE_050/1440-14	14	SM41	80	2.34	3.14	8.0	15.6	26.7	0.49	2.99	4.00	78.4
XTE_050/1440-22	22	SM40	80	2.04	2.73	6.6	12.5	30.3	0.67	3.37	4.52	60.5
XTE_050/1440-29	29	SM41	40	2.34	3.14	8.0	15.6	26.7	0.49	2.99	4.00	78.4
XTE_050/1440-43	43	SM43	40	3.46	4.64	9.7	18.3	44.1	0.56	4.14	5.55	83.6
XTE_050/1440-58	58	SM50	20	4.66	6.25	11.9	20.8	67.8	0.61	5.53	7.41	84.3
XTE_050/1440-86	86	SM42	40	6.99	9.36	16.7	32.5	84.2	0.73	9.29	12.45	75.2
XTE_050/1440-173	173	SM51	20	14.06	18.84	29.4	61.5	193.6	0.71	15.91	21.32	88.4

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 17. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 460 V AC 60 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-14	14	TM00	40	0.03	0.04	0.4	0.5	0.7	0.46	0.15	0.20	22.5
XTE_010/30-22	22	TM01	40	0.06	0.08	0.5	0.6	0.9	0.42	0.17	0.22	36.7
XTE_010/30-29	29	TM10	20	0.09	0.12	1.5	1.7	2.7	0.43	0.51	0.69	17.0
XTE_010/30-43	43	TM03	20	0.09	0.12	0.78	0.92	1.46	0.46	0.46	0.29	31.0
XTE_010/30-58	58	TM04	20	0.18	0.24	1.4	2.4	3.1	0.47	0.52	0.70	34.0
XTE_010/30-86	86	TM05	20	0.27	0.36	1.3	2.6	4.9	0.56	0.58	0.78	46.4
XTE_010/30-173	173	TM06	20	0.52	0.70	1.8	2.5	6.7	0.71	1.02	1.36	51.1
XTE_010/90-14	14	TM10	40	0.09	0.12	1.5	1.7	2.7	0.43	0.51	0.69	17.0
XTE_010/90-22	22	TM11	40	0.13	0.18	1.5	1.6	3.1	0.43	0.51	0.69	25.6
XTE_010/90-29	29	TM12	20	0.15	0.20	2.0	2.1	3.1	0.46	0.73	0.98	20.4
XTE_010/90-43	43	TM13	20	0.22	0.30	2.1	2.6	3.9	0.41	0.69	0.92	32.4
XTE_010/90-58	58	TM14	20	0.35	0.47	1.8	2.1	5.7	0.46	0.66	0.88	53.6
XTE_010/90-86	86	SM15	20	0.44	0.59	2.2	3.0	8.3	0.55	0.96	1.29	45.9
XTE_010/90-173	173	SM16	20	0.88	1.18	2.9	4.8	14.1	0.67	1.55	2.07	56.9
XTE_020/180-22	22	TM13	40	0.22	0.30	2.1	2.6	3.9	0.41	0.69	0.92	32.4
XTE_020/180-29	29	TM14	40	0.35	0.47	1.8	2.1	5.7	0.46	0.66	0.88	53.6
XTE_020/180-43	43	SM15	40	0.44	0.59	2.2	3.0	8.3	0.55	0.96	1.29	45.9
XTE_020/180-58	58	SM21	20	0.63	0.84	2.9	4.8	8.8	0.43	0.99	1.33	63.1
XTE_020/180-86	86	SM22	20	0.94	1.26	3.2	6.2	13.0	0.61	1.56	2.08	60.3
XTE_020/180-173	173	SM23	20	1.76	2.35	5.3	8.5	26.4	0.67	2.83	3.79	62.1
XTE_030/360-14	14	SM21	80	0.63	0.84	2.9	4.8	8.8	0.43	0.99	1.33	63.1
XTE_030/360-22	22	SM32	40	0.60	0.80	3.2	4.1	9.4	0.39	0.98	1.32	60.6
XTE_030/360-29	29	SM21	40	0.63	0.84	2.9	4.8	8.8	0.43	0.99	1.33	63.1
XTE_030/360-58	58	SM30	20	1.36	1.82	6.3	10.3	20.3	0.43	2.16	2.89	62.9
XTE_030/360-86	86	SM23	40	1.76	2.35	5.3	8.5	26.4	0.67	2.83	3.79	62.1
XTE_030/360-173	173	SM31	20	4.06	5.44	8.9	17.9	56.5	0.68	4.82	6.46	84.2
XTE_040/720-14	14	SM30	80	1.36	1.82	6.3	10.3	20.3	0.43	2.16	2.89	62.9
XTE_040/720-22	22	SM44	40	1.01	1.36	4.5	7.4	13.5	0.39	1.40	1.87	72.5
XTE_040/720-29	29	SM30	40	1.36	1.82	6.3	10.3	20.3	0.43	2.16	2.89	62.9
XTE_040/720-43	43	SM40	40	2.03	2.73	6.3	12.2	31.7	0.67	3.36	4.51	60.5
XTE_040/720-58	58	SM41	20	2.33	3.12	7.6	15.2	28.0	0.49	2.97	3.98	78.4
XTE_040/720-86	86	SM31	40	4.06	5.44	8.9	17.9	56.5	0.68	4.82	6.46	84.2
XTE_040/720-173	173	SM42	20	7.00	9.38	16.0	31.7	88.0	0.73	9.31	12.47	75.2
XTE_050/1440-14	14	SM41	80	2.33	3.12	7.6	15.2	28.0	0.49	2.97	3.98	78.4
XTE_050/1440-22	22	SM40	80	2.03	2.73	6.3	12.2	31.7	0.67	3.36	4.51	60.5
XTE_050/1440-29	29	SM41	40	2.33	3.12	7.6	15.2	28.0	0.49	2.97	3.98	78.4
XTE_050/1440-43	43	SM43	40	3.47	4.65	9.3	17.9	46.1	0.56	4.15	5.56	83.6
XTE_050/1440-58	58	SM50	20	4.67	6.26	11.4	20.3	70.9	0.61	5.54	7.42	84.3
XTE_050/1440-86	86	SM42	40	7.00	9.38	16.0	31.7	88.0	0.73	9.31	12.47	75.2
XTE_050/1440-173	173	SM51	20	14.05	18.83	28.1	60.2	202.3	0.71	15.90	21.30	88.4

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 18. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 480 V AC 60 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-14	14	TM00	40	0.03	0.05	0.4	0.5	0.7	0.46	0.15	0.20	22.5
XTE_010/30-22	22	TM01	40	0.05	0.07	0.4	0.5	0.9	0.42	0.14	0.19	36.7
XTE_010/30-29	29	TM10	20	0.09	0.11	1.4	1.7	2.8	0.43	0.50	0.67	17.0
XTE_010/30-43	43	TM03	20	0.09	0.12	0.75	0.9	1.4	0.46	0.29	0.39	31.0
XTE_010/30-58	58	TM04	20	0.17	0.23	1.3	2.4	3.2	0.47	0.51	0.68	34.0
XTE_010/30-86	86	TM05	20	0.26	0.35	1.2	2.6	5.1	0.56	0.56	0.75	46.4
XTE_010/30-173	173	TM06	20	0.51	0.69	1.7	2.5	7.0	0.71	1.00	1.34	51.1
XTE_010/90-14	14	TM10	40	0.09	0.11	1.4	1.7	2.8	0.43	0.50	0.67	17.0
XTE_010/90-22	22	TM11	40	0.13	0.17	1.4	1.6	3.2	0.43	0.50	0.67	25.6
XTE_010/90-29	29	TM12	20	0.15	0.20	1.9	2.1	3.2	0.46	0.73	0.97	20.4
XTE_010/90-43	43	TM13	20	0.22	0.30	2.0	2.6	4.1	0.41	0.68	0.91	32.4
XTE_010/90-58	58	TM14	20	0.34	0.46	1.7	2.1	5.9	0.46	0.65	0.87	52.8
XTE_010/90-86	86	SM15	20	0.44	0.59	2.1	2.9	8.6	0.55	0.96	1.29	45.9
XTE_010/90-173	173	SM16	20	0.88	1.18	2.8	4.7	14.7	0.67	1.56	2.09	56.5
XTE_020/180-22	22	TM13	40	0.22	0.30	2.0	2.6	4.1	0.41	0.68	0.91	32.4
XTE_020/180-29	29	TM14	40	0.34	0.46	1.7	2.1	5.9	0.46	0.65	0.87	52.8
XTE_020/180-43	43	SM15	40	0.44	0.59	2.1	2.9	8.6	0.55	0.96	1.29	45.9
XTE_020/180-58	58	SM21	20	0.63	0.85	2.8	4.7	9.2	0.43	1.00	1.34	63.1
XTE_020/180-86	86	SM22	20	0.95	1.27	3.1	6.1	13.6	0.61	1.57	2.11	60.3
XTE_020/180-173	173	SM23	20	1.76	2.36	5.1	8.3	27.5	0.67	2.84	3.81	62.1
XTE_030/360-14	14	SM21	80	0.63	0.85	2.8	4.7	9.2	0.43	1.00	1.34	63.1
XTE_030/360-22	22	SM32	40	0.60	0.81	3.1	4.0	9.8	0.39	0.99	1.33	60.6
XTE_030/360-29	29	SM21	40	0.63	0.85	2.8	4.7	9.2	0.43	1.00	1.34	63.1
XTE_030/360-58	58	SM30	20	1.35	1.81	6.0	10.1	21.2	0.43	2.14	2.87	62.9
XTE_030/360-86	86	SM23	40	1.76	2.36	5.1	8.3	27.5	0.67	2.84	3.81	62.1
XTE_030/360-173	173	SM31	20	4.05	5.42	8.5	17.5	59.0	0.68	4.81	6.44	84.2
XTE_040/720-14	14	SM30	80	1.35	1.81	6.0	10.1	21.2	0.43	2.14	2.87	62.9
XTE_040/720-22	22	SM44	40	1.01	1.35	4.3	7.3	14.0	0.39	1.39	1.87	72.5
XTE_040/720-29	29	SM30	40	1.35	1.81	6.0	10.1	21.2	0.43	2.14	2.87	62.9
XTE_040/720-43	43	SM40	40	2.02	2.71	6.0	12.0	33.1	0.67	3.34	4.48	60.5
XTE_040/720-58	58	SM41	20	2.33	3.12	7.3	14.9	29.2	0.49	2.97	3.98	78.4
XTE_040/720-86	86	SM31	40	4.05	5.42	8.5	17.5	59.0	0.68	4.81	6.44	84.2
XTE_040/720-173	173	SM42	20	6.98	9.36	15.3	31.1	91.8	0.73	9.29	12.44	75.2
XTE_050/1440-14	14	SM41	80	2.33	3.12	7.3	14.9	29.2	0.49	2.97	3.98	78.4
XTE_050/1440-22	22	SM40	80	2.02	2.71	6.0	12.0	33.1	0.67	3.34	4.48	60.5
XTE_050/1440-29	29	SM41	40	2.33	3.12	7.3	14.9	29.2	0.49	2.97	3.98	78.4
XTE_050/1440-43	43	SM43	40	3.46	4.64	8.9	17.5	48.1	0.56	4.14	5.55	83.6
XTE_050/1440-58	58	SM50	20	4.66	6.24	10.9	19.9	74.0	0.61	5.53	7.41	84.3
XTE_050/1440-86	86	SM42	40	6.98	9.36	15.3	31.1	91.8	0.73	9.29	12.44	75.2
XTE_050/1440-173	173	SM51	20	14.04	18.81	26.9	58.9	211.1	0.71	15.88	21.28	88.4

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 19. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 3-PH 575 V AC 60 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-14	14	TM00	40	0.04	0.06	0.4	0.4	0.6	0.46	0.18	0.25	22.5
XTE_010/30-22	22	TM01	40	0.06	0.08	0.4	0.5	0.8	0.42	0.17	0.22	36.7
XTE_010/30-29	29	TM10	20	0.09	0.12	1.2	1.4	2.3	0.43	0.51	0.69	17.0
XTE_010/30-43	43	TM03	20	0.09	0.12	0.63	0.75	1.17	0.46	0.46	0.29	31.0
XTE_010/30-58	58	TM04	20	0.17	0.23	1.1	2.0	2.7	0.47	0.51	0.69	33.3
XTE_010/30-86	86	TM05	20	0.26	0.35	1.0	2.1	4.2	0.56	0.56	0.75	46.4
XTE_010/30-173	173	TM06	20	0.51	0.68	1.4	2.1	5.9	0.71	0.99	1.33	51.1
XTE_010/90-14	14	TM10	40	0.09	0.12	1.2	1.4	2.3	0.43	0.51	0.69	17.0
XTE_010/90-22	22	TM11	40	0.13	0.18	1.2	1.3	2.7	0.43	0.51	0.69	25.6
XTE_010/90-29	29	TM12	20	0.15	0.20	1.6	1.7	2.7	0.46	0.73	0.98	20.4
XTE_010/90-43	43	TM13	20	0.22	0.30	1.7	2.1	3.4	0.41	0.69	0.93	32.4
XTE_010/90-58	58	TM14	20	0.34	0.45	1.4	1.7	5.0	0.46	0.64	0.86	52.8
XTE_010/90-86	86	SM15	20	0.46	0.61	1.8	2.5	7.2	0.55	0.99	1.32	46.4
XTE_010/90-173	173	SM16	20	0.87	1.16	2.3	3.9	12.3	0.67	1.53	2.06	56.5
XTE_020/180-22	22	TM13	40	0.22	0.30	1.7	2.1	3.4	0.41	0.69	0.93	32.4
XTE_020/180-29	29	TM14	40	0.34	0.45	1.4	1.7	5.0	0.46	0.64	0.86	52.8
XTE_020/180-43	43	SM15	40	0.46	0.61	1.8	2.5	7.2	0.55	0.99	1.32	46.4
XTE_020/180-58	58	SM21	20	0.62	0.83	2.3	3.9	7.7	0.43	0.98	1.32	63.1
XTE_020/180-86	86	SM22	20	0.95	1.28	2.6	5.1	11.4	0.61	1.58	2.12	60.3
XTE_020/180-173	173	SM23	20	1.78	2.39	4.3	7.0	23.0	0.67	2.87	3.84	62.1
XTE_030/360-14	14	SM21	80	0.62	0.83	2.3	3.9	7.7	0.43	0.98	1.32	63.1
XTE_030/360-22	22	SM32	40	0.60	0.81	2.6	3.4	8.2	0.39	1.00	1.34	60.6
XTE_030/360-29	29	SM21	40	0.62	0.83	2.3	3.9	7.7	0.43	0.98	1.32	63.1
XTE_030/360-58	58	SM30	20	1.35	1.80	5.0	8.4	17.7	0.43	2.14	2.87	62.9
XTE_030/360-86	86	SM23	40	1.78	2.39	4.3	7.0	23.0	0.67	2.87	3.84	62.1
XTE_030/360-173	173	SM31	20	4.05	5.43	7.1	14.6	49.2	0.68	4.81	6.44	84.2
XTE_040/720-14	14	SM30	80	1.35	1.80	5.0	8.4	17.7	0.43	2.14	2.87	62.9
XTE_040/720-22	22	SM44	40	1.01	1.36	3.6	6.1	11.7	0.39	1.40	1.87	72.5
XTE_040/720-29	29	SM30	40	1.35	1.80	5.0	8.4	17.7	0.43	2.14	2.87	62.9
XTE_040/720-43	43	SM40	40	2.02	2.70	5.0	10.0	27.6	0.67	3.34	4.47	60.5
XTE_040/720-58	58	SM41	20	2.33	3.13	6.1	12.4	24.3	0.49	2.98	3.99	78.4
XTE_040/720-86	86	SM31	40	4.05	5.43	7.1	14.6	49.2	0.68	4.81	6.44	84.2
XTE_040/720-173	173	SM42	20	7.00	9.38	12.8	25.9	76.6	0.73	9.31	12.47	75.2
XTE_050/1440-14	14	SM41	80	2.33	3.13	6.1	12.4	24.3	0.49	2.98	3.99	78.4
XTE_050/1440-22	22	SM40	80	2.02	2.70	5.0	10.0	27.6	0.67	3.34	4.47	60.5
XTE_050/1440-29	29	SM41	40	2.33	3.13	6.1	12.4	24.3	0.49	2.98	3.99	78.4
XTE_050/1440-43	43	SM43	40	3.45	4.62	7.4	14.6	40.1	0.56	4.13	5.53	83.6
XTE_050/1440-58	58	SM50	20	4.66	6.24	9.1	16.6	61.8	0.61	5.53	7.41	84.3
XTE_050/1440-86	86	SM42	40	7.00	9.38	12.8	25.9	76.6	0.73	9.31	12.47	75.2
XTE_050/1440-173	173	SM51	20	14.06	18.85	22.5	49.2	176.3	0.71	15.91	21.32	88.4

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 20. Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 220 V AC 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.03	0.04	0.8	0.9	1.1	0.46	0.14	0.19	23.1
XTE_010/30-18	18	TM01	40	0.05	0.07	0.8	1.0	1.4	0.42	0.13	0.17	38.3
XTE_010/30-24	24	TM10	20	0.07	0.10	2.6	3.0	4.3	0.43	0.43	0.57	17.3
XTE_010/30-36	36	TM03	20	0.07	0.10	1.36	1.6	2.33	0.46	0.24	0.32	31.0
XTE_010/30-48	48	TM04	20	0.15	0.19	2.4	4.3	5.0	0.47	0.43	0.58	33.8
XTE_010/30-72	72	TM05	20	0.22	0.29	2.2	4.6	7.8	0.56	0.47	0.63	46.3
XTE_010/30-144	144	TM06	20	0.43	0.58	3.1	4.5	10.8	0.71	0.84	1.12	51.3
XTE_010/90-12	12	TM10	40	0.07	0.10	2.6	3.0	4.3	0.43	0.43	0.57	17.3
XTE_010/90-18	18	TM11	40	0.11	0.15	2.6	2.9	5.0	0.43	0.43	0.57	25.9
XTE_010/90-24	24	TM12	20	0.12	0.16	3.5	3.7	5.0	0.46	0.61	0.82	20.0
XTE_010/90-36	36	TM13	20	0.18	0.24	3.6	4.6	6.3	0.41	0.56	0.75	32.1
XTE_010/90-48	48	TM14	20	0.28	0.38	3.1	3.7	9.2	0.46	0.54	0.73	51.9
XTE_010/90-72	72	SM15	20	0.36	0.48	3.8	5.3	13.3	0.55	0.80	1.07	45.0
XTE_010/90-144	144	SM16	20	0.74	0.99	5.1	8.5	22.6	0.67	1.30	1.74	56.6
XTE_020/180-18	18	TM13	40	0.18	0.24	3.6	4.6	6.3	0.41	0.56	0.75	32.1
XTE_020/180-24	24	TM14	40	0.28	0.38	3.1	3.7	9.2	0.46	0.54	0.73	51.9
XTE_020/180-36	36	SM15	40	0.36	0.48	3.8	5.3	13.3	0.55	0.80	1.07	45.0
XTE_020/180-48	48	SM21	20	0.52	0.70	5.1	8.5	14.1	0.43	0.84	1.12	62.7
XTE_020/180-72	72	SM22	20	0.77	1.04	5.6	11.0	21.0	0.61	1.30	1.74	59.5
XTE_020/180-144	144	SM23	20	1.48	1.98	9.3	15.1	42.4	0.67	2.37	3.18	62.3
XTE_030/360-24	24	SM21	40	0.52	0.70	5.1	8.5	14.1	0.43	0.84	1.12	62.7
XTE_030/360-48	48	SM30	20	1.12	1.51	10.9	18.3	32.6	0.43	1.79	2.39	62.9
XTE_030/360-72	72	SM23	40	1.48	1.98	9.3	15.1	42.4	0.67	2.37	3.18	62.3
XTE_030/360-144	144	SM31	20	3.37	4.52	15.5	31.8	90.8	0.68	4.02	5.38	84.0
XTE_040/720-24	24	SM30	40	1.12	1.51	10.9	18.3	32.6	0.43	1.79	2.39	62.9
XTE_040/720-36	36	SM40	40	1.68	2.25	10.9	21.7	50.9	0.67	2.78	3.73	60.4
XTE_040/720-72	72	SM31	40	3.37	4.52	15.5	31.8	90.8	0.68	4.02	5.38	84.0

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 21. Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 230 V AC 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.03	0.04	0.7	0.8	1.1	0.46	0.13	0.17	22.4
XTE_010/30-18	18	TM01	40	0.05	0.06	0.8	1.0	1.5	0.42	0.13	0.18	35.9
XTE_010/30-24	24	TM10	20	0.07	0.09	2.4	3.0	4.5	0.43	0.41	0.55	17.0
XTE_010/30-36	36	TM03	20	0.07	0.10	1.3	1.56	2.44	0.46	0.24	0.32	31.0
XTE_010/30-48	48	TM04	20	0.14	0.19	2.3	4.2	5.2	0.47	0.43	0.58	33.5
XTE_010/30-72	72	TM05	20	0.21	0.29	2.1	4.5	8.2	0.56	0.47	0.63	45.8
XTE_010/30-144	144	TM06	20	0.43	0.58	3.0	4.4	11.3	0.71	0.85	1.14	50.9
XTE_010/90-12	12	TM10	40	0.07	0.09	2.4	3.0	4.5	0.43	0.41	0.55	17.0
XTE_010/90-18	18	TM11	40	0.10	0.14	2.4	2.8	5.2	0.43	0.41	0.55	25.4
XTE_010/90-24	24	TM12	20	0.12	0.16	3.3	3.7	5.2	0.46	0.60	0.81	20.2
XTE_010/90-36	36	TM13	20	0.19	0.25	3.5	4.5	6.6	0.41	0.57	0.77	32.4
XTE_010/90-48	48	TM14	20	0.29	0.39	3.0	3.7	9.6	0.46	0.55	0.74	52.8
XTE_010/90-72	72	SM15	20	0.37	0.50	3.7	5.2	13.9	0.55	0.81	1.09	45.9
XTE_010/90-144	144	SM16	20	0.74	0.99	4.9	8.4	23.7	0.67	1.31	1.75	56.6
XTE_020/180-18	18	TM13	40	0.19	0.25	3.5	4.5	6.6	0.41	0.57	0.77	32.4
XTE_020/180-24	24	TM14	40	0.29	0.39	3.0	3.7	9.6	0.46	0.55	0.74	52.8
XTE_020/180-36	36	SM15	40	0.37	0.50	3.7	5.2	13.9	0.55	0.81	1.09	45.9
XTE_020/180-48	48	SM21	20	0.53	0.71	4.9	8.4	14.8	0.43	0.84	1.12	63.1
XTE_020/180-72	72	SM22	20	0.79	1.06	5.4	10.8	21.9	0.61	1.31	1.76	60.2
XTE_020/180-144	144	SM23	20	1.48	1.98	8.9	14.8	44.4	0.67	2.38	3.18	62.1
XTE_030/360-24	24	SM21	40	0.53	0.71	4.9	8.4	14.8	0.43	0.84	1.12	63.1
XTE_030/360-48	48	SM30	20	1.12	1.50	10.4	17.9	34.1	0.43	1.78	2.39	62.8
XTE_030/360-72	72	SM23	40	1.48	1.98	8.9	14.8	44.4	0.67	2.38	3.18	62.1
XTE_030/360-144	144	SM31	20	3.37	4.52	14.8	31.1	95.0	0.68	4.01	5.37	84.1
XTE_040/720-24	24	SM30	40	1.12	1.50	10.4	17.9	34.1	0.43	1.78	2.39	62.8
XTE_040/720-36	36	SM40	40	1.68	2.25	10.4	21.2	53.2	0.67	2.78	3.72	60.5
XTE_040/720-72	72	SM31	40	3.37	4.52	14.8	31.1	95.0	0.68	4.01	5.37	84.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 22. Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 240 V AC 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.03	0.04	0.7	0.8	1.2	0.46	0.13	0.18	23.1
XTE_010/30-18	18	TM01	40	0.05	0.06	0.7	0.9	1.5	0.42	0.12	0.16	38.3
XTE_010/30-24	24	TM10	20	0.07	0.10	2.3	2.9	4.7	0.43	0.41	0.55	17.3
XTE_010/30-36	36	TM03	20	0.07	0.10	1.25	1.53	2.54	0.46	0.24	0.32	31.0
XTE_010/30-48	48	TM04	20	0.15	0.19	2.2	4.1	5.4	0.47	0.43	0.58	33.8
XTE_010/30-72	72	TM05	20	0.22	0.29	2.0	4.4	8.5	0.56	0.47	0.62	46.3
XTE_010/30-144	144	TM06	20	0.42	0.57	2.8	4.3	11.8	0.71	0.83	1.11	51.3
XTE_010/90-12	12	TM10	40	0.07	0.10	2.3	2.9	4.7	0.43	0.41	0.55	17.3
XTE_010/90-18	18	TM11	40	0.11	0.14	2.3	2.7	5.4	0.43	0.41	0.55	25.9
XTE_010/90-24	24	TM12	20	0.12	0.16	3.2	3.6	5.4	0.46	0.61	0.82	20.0
XTE_010/90-36	36	TM13	20	0.18	0.24	3.3	4.4	6.9	0.41	0.56	0.75	32.1
XTE_010/90-48	48	TM14	20	0.28	0.37	2.8	3.6	10.0	0.46	0.54	0.72	51.9
XTE_010/90-72	72	SM15	20	0.36	0.48	3.5	5.1	14.5	0.55	0.80	1.07	45.0
XTE_010/90-144	144	SM16	20	0.74	0.99	4.7	8.2	24.7	0.67	1.31	1.75	56.2
XTE_020/180-18	18	TM13	40	0.18	0.24	3.3	4.4	6.9	0.41	0.56	0.75	32.1
XTE_020/180-24	24	TM14	40	0.28	0.37	2.8	3.6	10.0	0.46	0.54	0.72	51.9
XTE_020/180-36	36	SM15	40	0.36	0.48	3.5	5.1	14.5	0.55	0.80	1.07	45.0
XTE_020/180-48	48	SM21	20	0.53	0.71	4.7	8.2	15.4	0.43	0.84	1.13	62.7
XTE_020/180-72	72	SM22	20	0.78	1.05	5.2	10.6	22.9	0.61	1.32	1.77	59.5
XTE_020/180-144	144	SM23	20	1.47	1.98	8.5	14.5	46.3	0.67	2.37	3.17	62.3
XTE_030/360-24	24	SM21	40	0.53	0.71	4.7	8.2	15.4	0.43	0.84	1.13	62.7
XTE_030/360-48	48	SM30	20	1.12	1.51	10.0	17.5	35.6	0.43	1.79	2.40	62.9
XTE_030/360-72	72	SM23	40	1.47	1.98	8.5	14.5	46.3	0.67	2.37	3.17	62.3
XTE_030/360-144	144	SM31	20	3.37	4.52	14.2	30.5	99.1	0.68	4.01	5.38	84.0
XTE_040/720-24	24	SM30	40	1.12	1.51	10.0	17.5	35.6	0.43	1.79	2.40	62.9
XTE_040/720-36	36	SM40	40	1.68	2.25	10.0	20.8	55.5	0.67	2.79	3.73	60.4
XTE_040/720-72	72	SM31	40	3.37	4.52	14.2	30.5	99.1	0.68	4.01	5.38	84.0

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 23. Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 380 V AC 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.03	0.04	0.4	0.5	0.6	0.46	0.12	0.16	23.1
XTE_010/30-18	18	TM01	40	0.05	0.07	0.5	0.6	0.8	0.42	0.14	0.19	38.3
XTE_010/30-24	24	TM10	20	0.07	0.10	1.5	1.7	2.5	0.43	0.42	0.57	17.3
XTE_010/30-36	36	TM03	20	0.07	0.10	0.79	0.92	1.48	0.46	0.24	0.32	31.0
XTE_010/30-48	48	TM04	20	0.15	0.20	1.4	2.5	2.9	0.47	0.43	0.58	33.8
XTE_010/30-72	72	TM05	20	0.22	0.30	1.3	2.7	4.5	0.56	0.48	0.64	46.3
XTE_010/30-144	144	TM06	20	0.43	0.58	1.8	2.6	6.2	0.71	0.84	1.13	51.3
XTE_010/90-12	12	TM10	40	0.07	0.10	1.5	1.7	2.5	0.43	0.42	0.57	17.3
XTE_010/90-18	18	TM11	40	0.11	0.15	1.5	1.6	2.9	0.43	0.42	0.57	25.9
XTE_010/90-24	24	TM12	20	0.12	0.16	2.0	2.2	2.9	0.46	0.61	0.81	20.3
XTE_010/90-36	36	TM13	20	0.18	0.24	2.1	2.7	3.6	0.41	0.57	0.76	32.1
XTE_010/90-48	48	TM14	20	0.29	0.39	1.8	2.2	5.2	0.46	0.54	0.73	53.0
XTE_010/90-72	72	SM15	20	0.37	0.49	2.2	3.1	7.6	0.55	0.80	1.07	45.9
XTE_010/90-144	144	SM16	20	0.75	1.00	3.0	4.9	12.9	0.67	1.32	1.77	56.5
XTE_020/180-18	18	TM13	40	0.18	0.24	2.1	2.7	3.6	0.41	0.57	0.76	32.1
XTE_020/180-24	24	TM14	40	0.29	0.39	1.8	2.2	5.2	0.46	0.54	0.73	53.0
XTE_020/180-36	36	SM15	40	0.37	0.49	2.2	3.1	7.6	0.55	0.80	1.07	45.9
XTE_020/180-48	48	SM21	20	0.54	0.72	3.0	4.9	8.1	0.43	0.85	1.14	63.4
XTE_020/180-72	72	SM22	20	0.80	1.08	3.3	6.4	12.0	0.61	1.32	1.78	60.7
XTE_020/180-144	144	SM23	20	1.48	1.99	5.4	8.7	24.2	0.67	2.38	3.19	62.3
XTE_030/360-24	24	SM21	40	0.54	0.72	3.0	4.9	8.1	0.43	0.85	1.14	63.4
XTE_030/360-48	48	SM30	20	1.13	1.51	6.3	10.6	18.6	0.43	1.78	2.39	63.1
XTE_030/360-72	72	SM23	40	1.48	1.99	5.4	8.7	24.2	0.67	2.38	3.19	62.3
XTE_030/360-144	144	SM31	20	3.39	4.54	9.0	18.4	51.9	0.68	4.03	5.40	84.2
XTE_040/720-24	24	SM30	40	1.13	1.51	6.3	10.6	18.6	0.43	1.78	2.39	63.1
XTE_040/720-36	36	SM40	40	1.68	2.26	6.3	12.5	29.1	0.67	2.78	3.72	60.6
XTE_040/720-72	72	SM31	40	3.39	4.54	9.0	18.4	51.9	0.68	4.03	5.40	84.2

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 24. Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 400 V AC 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	SM00	40	0.03	0.04	0.4	0.5	0.7	0.46	0.13	0.17	23.1
XTE_010/30-18	18	SM01	40	0.04	0.06	0.4	0.6	0.9	0.42	0.12	0.16	38.3
XTE_010/30-24	24	SM10	20	0.07	0.10	1.4	1.7	2.6	0.43	0.42	0.56	17.3
XTE_010/30-36	36	SM03	20	0.07	0.10	0.75	0.9	1.4	0.46	0.24	0.32	31.0
XTE_010/30-48	48	SM04	20	0.14	0.19	1.3	2.4	3.0	0.47	0.42	0.57	33.8
XTE_010/30-72	72	SM05	20	0.22	0.29	1.2	2.6	4.7	0.56	0.47	0.62	46.3
XTE_010/30-144	144	SM06	20	0.43	0.57	1.7	2.5	6.5	0.71	0.84	1.12	51.3
XTE_010/90-12	12	SM10	40	0.07	0.10	1.4	1.7	2.6	0.43	0.42	0.56	17.3
XTE_010/90-18	18	SM11	40	0.11	0.14	1.4	1.6	3.0	0.43	0.42	0.56	25.9
XTE_010/90-24	24	SM12	20	0.12	0.16	1.9	2.1	3.0	0.46	0.61	0.81	20.3
XTE_010/90-36	36	SM13	20	0.19	0.25	2.0	2.6	3.8	0.41	0.57	0.76	32.9
XTE_010/90-48	48	SM14	20	0.29	0.38	1.7	2.1	5.5	0.46	0.54	0.73	53.0
XTE_010/90-72	72	SM15	20	0.37	0.49	2.1	3.0	8.0	0.55	0.80	1.07	45.9
XTE_010/90-144	144	SM16	20	0.73	0.98	2.8	4.8	13.6	0.67	1.30	1.74	56.5
XTE_020/180-18	18	SM13	40	0.19	0.25	2.0	2.6	3.8	0.41	0.57	0.76	32.9
XTE_020/180-24	24	SM14	40	0.29	0.38	1.7	2.1	5.5	0.46	0.54	0.73	53.0
XTE_020/180-36	36	SM15	40	0.37	0.49	2.1	3.0	8.0	0.55	0.80	1.07	45.9
XTE_020/180-48	48	SM21	20	0.53	0.71	2.8	4.8	8.5	0.43	0.83	1.12	63.4
XTE_020/180-72	72	SM22	20	0.79	1.06	3.1	6.2	12.6	0.61	1.31	1.76	60.2
XTE_020/180-144	144	SM23	20	1.47	1.98	5.1	8.5	25.5	0.67	2.37	3.17	62.3
XTE_030/360-24	24	SM21	40	0.53	0.71	2.8	4.8	8.5	0.43	0.83	1.12	63.4
XTE_030/360-48	48	SM30	20	1.13	1.51	6.0	10.3	19.6	0.43	1.79	2.40	63.1
XTE_030/360-72	72	SM23	40	1.47	1.98	5.1	8.5	25.5	0.67	2.37	3.17	62.3
XTE_030/360-144	144	SM31	20	3.37	4.52	8.5	17.9	54.6	0.68	4.00	5.37	84.2
XTE_040/720-24	24	SM30	40	1.13	1.51	6.0	10.3	19.6	0.43	1.79	2.40	63.1
XTE_040/720-36	36	SM40	40	1.69	2.26	6.0	12.2	30.6	0.67	2.79	3.73	60.6
XTE_040/720-72	72	SM31	40	3.37	4.52	8.5	17.9	54.6	0.68	4.00	5.37	84.2

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 25. Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 415 V AC 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.03	0.04	0.4	0.5	0.7	0.46	0.13	0.18	23.1
XTE_010/30-18	18	TM01	40	0.05	0.06	0.4	0.5	0.9	0.42	0.12	0.16	38.3
XTE_010/30-24	24	TM10	20	0.07	0.10	1.4	1.7	2.7	0.43	0.43	0.58	17.3
XTE_010/30-36	36	TM03	20	0.07	0.10	0.72	0.89	1.38	0.46	0.24	0.32	31.0
XTE_010/30-48	48	TM04	20	0.15	0.20	1.3	2.4	3.1	0.47	0.44	0.59	33.8
XTE_010/30-72	72	TM05	20	0.22	0.30	1.2	2.6	4.9	0.56	0.48	0.65	46.3
XTE_010/30-144	144	TM06	20	0.42	0.56	1.6	2.5	6.7	0.71	0.82	1.09	51.3
XTE_010/90-12	12	TM10	40	0.07	0.10	1.4	1.7	2.7	0.43	0.43	0.58	17.3
XTE_010/90-18	18	TM11	40	0.11	0.15	1.4	1.6	3.1	0.43	0.43	0.58	25.9
XTE_010/90-24	24	TM12	20	0.12	0.16	1.8	2.1	3.1	0.46	0.60	0.80	20.3
XTE_010/90-36	36	TM13	20	0.18	0.25	1.9	2.6	3.9	0.41	0.56	0.75	32.9
XTE_010/90-48	48	TM14	20	0.28	0.38	1.6	2.1	5.7	0.46	0.53	0.71	53.0
XTE_010/90-72	72	SM15	20	0.37	0.49	2.0	3.0	8.3	0.55	0.79	1.06	46.5
XTE_010/90-144	144	SM16	20	0.73	0.98	2.7	4.7	14.1	0.67	1.30	1.74	56.5
XTE_020/180-18	18	TM13	40	0.18	0.25	1.9	2.6	3.9	0.41	0.56	0.75	32.9
XTE_020/180-24	24	TM14	40	0.28	0.38	1.6	2.1	5.7	0.46	0.53	0.71	53.0
XTE_020/180-36	36	SM15	40	0.37	0.49	2.0	3.0	8.3	0.55	0.79	1.06	46.5
XTE_020/180-48	48	SM21	20	0.53	0.71	2.7	4.7	8.8	0.43	0.83	1.12	63.4
XTE_020/180-72	72	SM22	20	0.79	1.06	3.0	6.1	13.1	0.61	1.32	1.76	60.2
XTE_020/180-144	144	SM23	20	1.47	1.97	4.9	8.3	26.5	0.67	2.36	3.16	62.3
XTE_030/360-24	24	SM21	40	0.53	0.71	2.7	4.7	8.8	0.43	0.83	1.12	63.4
XTE_030/360-48	48	SM30	20	1.13	1.52	5.8	10.1	20.3	0.43	1.79	2.40	63.1
XTE_030/360-72	72	SM23	40	1.47	1.97	4.9	8.3	26.5	0.67	2.36	3.16	62.3
XTE_030/360-144	144	SM31	20	3.37	4.52	8.2	17.6	56.7	0.68	4.01	5.37	84.2
XTE_040/720-24	24	SM30	40	1.13	1.52	5.8	10.1	20.3	0.43	1.79	2.40	63.1
XTE_040/720-36	36	SM40	40	1.69	2.27	5.8	12.0	31.8	0.67	2.79	3.74	60.6
XTE_040/720-72	72	SM31	40	3.37	4.52	8.2	17.6	56.7	0.68	4.01	5.37	84.2

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 26. Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 440 V AC 50 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.03	0.04	0.4	0.5	0.7	0.46	0.14	0.19	21.4
XTE_010/30-18	18	TM01	40	0.05	0.06	0.4	0.5	0.9	0.42	0.13	0.17	35.4
XTE_010/30-24	24	TM10	20	0.07	0.10	1.4	1.7	2.7	0.43	0.46	0.61	16.1
XTE_010/30-36	36	TM03	20	0.07	0.10	0.75	0.9	1.4	0.46	0.24	0.32	31.0
XTE_010/30-48	48	TM04	20	0.15	0.20	1.3	2.4	3.1	0.47	0.47	0.62	32.3
XTE_010/30-72	72	TM05	20	0.22	0.30	1.2	2.6	4.9	0.56	0.51	0.69	43.5
XTE_010/30-144	144	TM06	20	0.42	0.56	1.6	2.5	6.7	0.71	0.87	1.16	48.4
XTE_010/90-12	12	TM10	40	0.07	0.10	1.4	1.7	2.7	0.43	0.46	0.61	16.1
XTE_010/90-18	18	TM11	40	0.11	0.15	1.4	1.6	3.1	0.43	0.46	0.61	24.1
XTE_010/90-24	24	TM12	20	0.12	0.16	1.8	2.1	3.1	0.46	0.63	0.85	19.1
XTE_010/90-36	36	TM13	20	0.18	0.24	1.9	2.6	3.9	0.41	0.59	0.80	30.7
XTE_010/90-48	48	TM14	20	0.28	0.38	1.6	2.1	5.7	0.46	0.56	0.75	50.2
XTE_010/90-72	72	SM15	20	0.37	0.49	2.0	3.0	8.3	0.55	0.84	1.12	43.7
XTE_010/90-144	144	SM16	20	0.74	0.99	2.7	4.7	14.1	0.67	1.38	1.85	53.7
XTE_020/180-18	18	TM13	40	0.18	0.24	1.9	2.6	3.9	0.41	0.59	0.80	30.7
XTE_020/180-24	24	TM14	40	0.28	0.38	1.6	2.1	5.7	0.46	0.56	0.75	50.2
XTE_020/180-36	36	SM15	40	0.37	0.49	2.0	3.0	8.3	0.55	0.84	1.12	43.7
XTE_020/180-48	48	SM21	20	0.53	0.71	2.7	4.7	8.8	0.43	0.88	1.19	59.8
XTE_020/180-72	72	SM22	20	0.79	1.06	3.0	6.1	13.1	0.61	1.39	1.87	56.8
XTE_020/180-144	144	SM23	20	1.47	1.96	4.9	8.3	26.5	0.67	2.50	3.35	58.6
XTE_030/360-24	24	SM21	40	0.53	0.71	2.7	4.7	8.8	0.43	0.88	1.19	59.8
XTE_030/360-48	48	SM30	20	1.13	1.51	5.8	10.1	20.3	0.43	1.90	2.55	59.4
XTE_030/360-72	72	SM23	40	1.47	1.96	4.9	8.3	26.5	0.67	2.50	3.35	58.6
XTE_030/360-144	144	SM31	20	3.37	4.52	8.2	17.6	56.7	0.68	4.25	5.69	79.4
XTE_040/720-24	24	SM30	40	1.13	1.51	5.8	10.1	20.3	0.43	1.90	2.55	59.4
XTE_040/720-36	36	SM40	40	1.69	2.27	5.8	12.0	31.8	0.67	2.96	3.97	57.1
XTE_040/720-72	72	SM31	40	3.37	4.52	8.2	17.6	56.7	0.68	4.25	5.69	79.4

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 27. Short-Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 660 V AC 50 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-12	12	TM00	40	0.04	0.05	0.3	0.3	0.4	0.46	0.16	0.21	23.1
XTE_010/30-18	18	TM01	40	0.04	0.06	0.3	0.3	0.5	0.42	0.14	0.19	30.8
XTE_010/30-24	24	TM10	20	0.08	0.10	0.9	1.0	1.6	0.43	0.44	0.59	17.1
XTE_010/30-36	36	TM03	20	0.07	0.10	0.46	0.54	0.85	0.46	0.24	0.32	31.0
XTE_010/30-48	48	TM04	20	0.14	0.19	0.8	1.5	1.8	0.47	0.43	0.58	33.3
XTE_010/30-72	72	TM05	20	0.20	0.27	0.7	1.6	2.9	0.56	0.45	0.60	45.7
XTE_010/30-144	144	TM06	20	0.41	0.55	1.0	1.5	3.9	0.71	0.81	1.09	50.6
XTE_010/90-12	12	TM10	40	0.08	0.10	0.9	1.0	1.6	0.43	0.44	0.59	17.1
XTE_010/90-18	18	TM11	40	0.12	0.16	0.9	1.0	1.8	0.43	0.44	0.59	26.8
XTE_010/90-24	24	TM12	20	0.13	0.17	1.2	1.3	1.8	0.46	0.63	0.85	20.0
XTE_010/90-36	36	TM13	20	0.19	0.25	1.2	1.6	2.3	0.41	0.56	0.75	32.9
XTE_010/90-48	48	TM14	20	0.28	0.37	1.0	1.3	3.3	0.46	0.53	0.70	53.0
XTE_010/90-72	72	SM15	20	0.38	0.51	1.3	1.8	4.9	0.55	0.82	1.10	46.5
XTE_010/90-144	144	SM16	20	0.74	0.99	1.7	2.9	8.2	0.67	1.30	1.74	56.5
XTE_020/180-18	18	TM13	40	0.19	0.25	1.2	1.6	2.3	0.41	0.56	0.75	32.9
XTE_020/180-24	24	TM14	40	0.28	0.37	1.0	1.3	3.3	0.46	0.53	0.70	53.0
XTE_020/180-36	36	SM15	40	0.38	0.51	1.3	1.8	4.9	0.55	0.82	1.10	46.5
XTE_020/180-48	48	SM21	20	0.53	0.71	1.7	2.9	5.2	0.43	0.84	1.12	63.4
XTE_020/180-72	72	SM22	20	0.80	1.07	1.9	3.8	7.6	0.61	1.32	1.78	60.2
XTE_020/180-144	144	SM23	20	1.48	1.98	3.1	5.2	15.5	0.67	2.37	3.18	62.3
XTE_030/360-24	24	SM21	40	0.53	0.71	1.7	2.9	5.2	0.43	0.84	1.12	63.4
XTE_030/360-48	48	SM30	20	1.12	1.50	3.6	6.2	11.9	0.43	1.77	2.37	63.1
XTE_030/360-72	72	SM23	40	1.48	1.98	3.1	5.2	15.5	0.67	2.37	3.18	62.3
XTE_030/360-144	144	SM31	20	3.40	4.56	5.2	10.9	33.1	0.68	4.04	5.42	84.2
XTE_040/720-24	24	SM30	40	1.12	1.50	3.6	6.2	11.9	0.43	1.77	2.37	63.1
XTE_040/720-36	36	SM40	40	1.67	2.24	3.6	7.4	18.6	0.67	2.76	3.69	60.6
XTE_040/720-72	72	SM31	40	3.40	4.56	5.2	10.9	33.1	0.68	4.04	5.42	84.2

NOTES:

- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 28. Short-Time Duty (S2-15') | Inching Duty (S4-25% |60 St/h) 3-PH 280 V AC 60 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-14	14	TM00	40	0.04	0.05	0.7	0.8	1.2	0.46	0.16	0.21	22.5
XTE_010/30-22	22	TM01	40	0.06	0.08	0.8	0.9	1.6	0.42	0.16	0.22	36.7
XTE_010/30-29	29	TM10	20	0.08	0.11	2.4	2.9	4.8	0.43	0.50	0.67	16.0
XTE_010/30-43	43	TM03	20	0.09	0.12	1.29	1.54	2.4	0.46	0.46	0.29	31.0
XTE_010/30-58	58	TM04	20	0.17	0.23	2.2	4.0	5.6	0.47	0.50	0.67	34.0
XTE_010/30-86	86	TM05	20	0.27	0.36	2.1	4.4	8.7	0.56	0.57	0.76	46.6
XTE_010/30-173	173	TM06	20	0.51	0.68	2.9	4.2	12.0	0.71	1.00	1.34	51.1
XTE_010/90-14	14	TM10	40	0.08	0.11	2.4	2.9	4.8	0.43	0.50	0.67	16.0
XTE_010/90-22	22	TM11	40	0.12	0.16	2.4	2.7	5.6	0.43	0.50	0.67	24.0
XTE_010/90-29	29	TM12	20	0.14	0.19	3.3	3.5	5.6	0.46	0.74	0.99	19.4
XTE_010/90-43	43	TM13	20	0.22	0.29	3.4	4.4	7.0	0.41	0.68	0.91	32.4
XTE_010/90-58	58	TM14	20	0.34	0.46	2.9	3.5	10.2	0.46	0.65	0.87	53.1
XTE_010/90-86	86	SM15	20	0.44	0.59	3.6	5.0	14.8	0.55	0.96	1.29	45.8
XTE_010/90-173	173	SM16	20	0.88	1.18	4.8	8.1	25.2	0.67	1.56	2.09	56.4
XTE_020/180-22	22	TM13	40	0.22	0.29	3.4	4.4	7.0	0.41	0.68	0.91	32.4
XTE_020/180-29	29	TM14	40	0.34	0.46	2.9	3.5	10.2	0.46	0.65	0.87	53.1
XTE_020/180-43	43	SM15	40	0.44	0.59	3.6	5.0	14.8	0.55	0.96	1.29	45.8
XTE_020/180-58	58	SM21	20	0.63	0.85	4.8	8.1	15.7	0.43	1.00	1.34	63.0
XTE_020/180-86	86	SM22	20	0.95	1.27	5.3	10.4	23.3	0.61	1.57	2.10	60.5
XTE_020/180-173	173	SM23	20	1.75	2.35	8.7	14.3	47.2	0.67	2.83	3.79	62.0
XTE_030/360-29	29	SM21	40	0.63	0.85	4.8	8.1	15.7	0.43	1.00	1.34	63.0
XTE_030/360-58	58	SM30	20	1.36	1.82	10.3	17.3	36.3	0.43	2.15	2.88	63.1
XTE_030/360-86	86	SM23	40	1.75	2.35	8.7	14.3	47.2	0.67	2.83	3.79	62.0
XTE_030/360-173	173	SM31	20	4.05	5.43	14.6	30.1	101.1	0.68	4.81	6.45	84.2
XTE_040/720-29	29	SM30	40	1.36	1.82	10.3	17.3	36.3	0.43	2.15	2.88	63.1
XTE_040/720-43	43	SM40	40	2.02	2.71	10.3	20.5	56.7	0.67	3.35	4.48	60.5
XTE_040/720-86	86	SM31	40	4.05	5.43	14.6	30.1	101.1	0.68	4.81	6.45	84.2

NOTES:

- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 29. Short Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 400 V 60 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-14	14	TM00	40	0.04	0.05	0.5	0.6	0.8	0.46	0.16	0.21	24.0
XTE_010/30-22	22	TM01	40	0.05	0.07	0.5	0.7	1.1	0.42	0.15	0.19	36.7
XTE_010/30-29	29	TM10	20	0.09	0.12	1.7	2.0	3.4	0.43	0.51	0.68	17.4
XTE_010/30-43	43	TM03	20	0.09	0.12	0.9	1.08	1.68	0.46	0.46	0.29	31.0
XTE_010/30-58	58	TM04	20	0.17	0.23	1.5	2.8	3.9	0.47	0.49	0.65	34.7
XTE_010/30-86	86	TM05	20	0.26	0.34	1.4	3.1	6.1	0.56	0.54	0.73	47.2
XTE_010/30-173	173	TM06	20	0.51	0.69	2.0	2.9	8.4	0.71	0.98	1.32	52.1
XTE_010/90-14	14	TM10	40	0.09	0.12	1.7	2.0	3.4	0.43	0.51	0.68	17.4
XTE_010/90-22	22	TM11	40	0.13	0.18	1.7	1.9	3.9	0.43	0.51	0.68	26.1
XTE_010/90-29	29	TM12	20	0.15	0.19	2.2	2.5	3.9	0.46	0.70	0.94	20.7
XTE_010/90-43	43	TM13	20	0.23	0.30	2.4	3.1	4.9	0.41	0.68	0.91	33.3
XTE_010/90-58	58	TM14	20	0.35	0.46	2.0	2.5	7.1	0.46	0.64	0.85	54.4
XTE_010/90-86	86	SM15	20	0.45	0.60	2.5	3.5	10.4	0.55	0.95	1.28	46.9
XTE_010/90-173	173	SM16	20	0.89	1.19	3.3	5.6	17.6	0.67	1.53	2.05	58.0
XTE_020/180-22	22	TM13	40	0.23	0.30	2.4	3.1	4.9	0.41	0.68	0.91	33.3
XTE_020/180-29	29	TM14	40	0.35	0.46	2.0	2.5	7.1	0.46	0.64	0.85	54.4
XTE_020/180-43	43	SM15	40	0.45	0.60	2.5	3.5	10.4	0.55	0.95	1.28	46.9
XTE_020/180-58	58	SM21	20	0.63	0.85	3.3	5.6	11.0	0.43	0.98	1.32	64.4
XTE_020/180-86	86	SM22	20	0.96	1.29	3.7	7.3	16.3	0.61	1.56	2.10	61.4
XTE_020/180-173	173	SM23	20	1.77	2.37	6.0	10.0	33.1	0.67	2.79	3.73	63.5
XTE_030/360-29	29	SM21	40	0.63	0.85	3.3	5.6	11.0	0.43	0.98	1.32	64.4
XTE_030/360-58	58	SM30	20	1.36	1.82	7.1	12.1	25.4	0.43	2.12	2.83	64.1
XTE_030/360-86	86	SM23	40	1.77	2.37	6.0	10.0	33.1	0.67	2.79	3.73	63.5
XTE_030/360-173	173	SM31	20	4.04	5.42	10.0	21.1	70.8	0.68	4.71	6.31	85.8
XTE_040/720-29	29	SM30	40	1.36	1.82	7.1	12.1	25.4	0.43	2.12	2.83	64.1
XTE_040/720-43	43	SM40	40	2.04	2.73	7.1	14.4	39.7	0.67	3.30	4.42	61.8
XTE_040/720-86	86	SM31	40	4.04	5.42	10.0	21.1	70.8	0.68	4.71	6.31	85.8

NOTES:

- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 30. Short Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 440 V 60 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-14	14	TM00	40	0.04	0.06	0.5	0.5	0.6	0.46	0.18	0.23	24.0
XTE_010/30-22	22	TM01	40	0.06	0.08	0.5	0.6	0.8	0.42	0.16	0.21	36.7
XTE_010/30-29	29	TM10	20	0.09	0.11	1.5	1.7	2.6	0.43	0.49	0.66	17.4
XTE_010/30-43	43	TM03	20	0.09	0.12	0.82	0.94	1.47	0.46	0.46	0.29	31.0
XTE_010/30-58	58	TM04	20	0.17	0.23	1.4	2.5	3.0	0.47	0.50	0.67	34.7
XTE_010/30-86	86	TM05	20	0.26	0.35	1.3	2.7	4.7	0.56	0.55	0.74	47.2
XTE_010/30-173	173	TM06	20	0.51	0.68	1.8	2.6	6.4	0.71	0.97	1.31	52.1
XTE_010/90-14	14	TM10	40	0.09	0.11	1.5	1.7	2.6	0.43	0.49	0.66	17.4
XTE_010/90-22	22	TM11	40	0.13	0.17	1.5	1.6	3.0	0.43	0.49	0.66	26.1
XTE_010/90-29	29	TM12	20	0.15	0.19	2.0	2.2	3.0	0.46	0.70	0.94	20.7
XTE_010/90-43	43	TM13	20	0.22	0.29	2.1	2.7	3.8	0.41	0.66	0.88	33.3
XTE_010/90-58	58	TM14	20	0.34	0.46	1.8	2.2	5.5	0.46	0.63	0.85	54.4
XTE_010/90-86	86	SM15	20	0.45	0.61	2.3	3.1	7.9	0.55	0.96	1.29	46.9
XTE_010/90-173	173	SM16	20	0.89	1.19	3.0	4.9	13.5	0.67	1.53	2.05	58.0
XTE_020/180-22	22	TM13	40	0.22	0.29	2.1	2.7	3.8	0.41	0.66	0.88	33.3
XTE_020/180-29	29	TM14	40	0.34	0.46	1.8	2.2	5.5	0.46	0.63	0.85	54.4
XTE_020/180-43	43	SM15	40	0.45	0.61	2.3	3.1	7.9	0.55	0.96	1.29	46.9
XTE_020/180-58	58	SM21	20	0.63	0.85	3.0	4.9	8.4	0.43	0.98	1.32	64.4
XTE_020/180-86	86	SM22	20	0.95	1.27	3.3	6.4	12.5	0.61	1.53	2.06	61.8
XTE_020/180-173	173	SM23	20	1.78	2.39	5.5	8.7	25.3	0.67	2.81	3.76	63.5
XTE_030/360-29	29	SM21	40	0.63	0.85	3.0	4.9	8.4	0.43	0.98	1.32	64.4
XTE_030/360-58	58	SM30	20	1.34	1.80	6.4	10.5	19.4	0.43	2.10	2.81	64.1
XTE_030/360-86	86	SM23	40	1.78	2.39	5.5	8.7	25.3	0.67	2.81	3.76	63.5
XTE_030/360-173	173	SM31	20	4.05	5.42	9.1	18.3	54.1	0.68	4.72	6.32	85.8
XTE_040/720-29	29	SM30	40	1.34	1.80	6.4	10.5	19.4	0.43	2.10	2.81	64.1
XTE_040/720-43	43	SM40	40	2.02	2.71	6.4	12.5	30.3	0.67	3.27	4.38	61.8
XTE_040/720-86	86	SM31	40	4.05	5.42	9.1	18.3	54.1	0.68	4.72	6.32	85.8

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 31. Short Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 460 V 60 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-14	14	TM00	40	0.04	0.05	0.4	0.5	0.7	0.46	0.15	0.20	24.0
XTE_010/30-22	22	TM01	40	0.06	0.08	0.5	0.6	0.9	0.42	0.17	0.22	36.7
XTE_010/30-29	29	TM10	20	0.08	0.11	1.4	1.7	2.7	0.43	0.48	0.64	17.4
XTE_010/30-43	43	TM03	20	0.09	0.12	0.78	0.92	1.46	0.46	0.46	0.29	31.0
XTE_010/30-58	58	TM04	20	0.17	0.23	1.3	2.4	3.1	0.47	0.49	0.65	34.7
XTE_010/30-86	86	TM05	20	0.25	0.34	1.2	2.6	4.9	0.56	0.54	0.72	47.2
XTE_010/30-173	173	TM06	20	0.50	0.67	1.7	2.5	6.7	0.71	0.96	1.29	52.1
XTE_010/90-14	14	TM10	40	0.08	0.11	1.4	1.7	2.7	0.43	0.48	0.64	17.4
XTE_010/90-22	22	TM11	40	0.13	0.17	1.4	1.6	3.1	0.43	0.48	0.64	26.1
XTE_010/90-29	29	TM12	20	0.14	0.19	1.9	2.1	3.1	0.46	0.70	0.93	20.7
XTE_010/90-43	43	TM13	20	0.23	0.30	2.1	2.6	3.9	0.41	0.69	0.92	32.8
XTE_010/90-58	58	TM14	20	0.34	0.45	1.7	2.1	5.7	0.46	0.62	0.83	54.4
XTE_010/90-86	86	SM15	20	0.45	0.61	2.2	3.0	8.3	0.55	0.96	1.29	46.9
XTE_010/90-173	173	SM16	20	0.90	1.20	2.9	4.8	14.1	0.67	1.55	2.07	58.0
XTE_020/180-22	22	TM13	40	0.23	0.30	2.1	2.6	3.9	0.41	0.69	0.92	32.8
XTE_020/180-29	29	TM14	40	0.34	0.45	1.7	2.1	5.7	0.46	0.62	0.83	54.4
XTE_020/180-43	43	SM15	40	0.45	0.61	2.2	3.0	8.3	0.55	0.96	1.29	46.9
XTE_020/180-58	58	SM21	20	0.64	0.86	2.9	4.8	8.8	0.43	0.99	1.33	64.4
XTE_020/180-86	86	SM22	20	0.95	1.28	3.2	6.2	13.0	0.61	1.56	2.08	61.4
XTE_020/180-173	173	SM23	20	1.76	2.36	5.2	8.5	26.4	0.67	2.78	3.72	63.5
XTE_030/360-29	29	SM21	40	0.64	0.86	2.9	4.8	8.8	0.43	0.99	1.33	64.4
XTE_030/360-58	58	SM30	20	1.34	1.80	6.1	10.3	20.3	0.43	2.09	2.80	64.1
XTE_030/360-86	86	SM23	40	1.76	2.36	5.2	8.5	26.4	0.67	2.78	3.72	63.5
XTE_030/360-173	173	SM31	20	4.05	5.43	8.7	17.9	56.5	0.68	4.71	6.32	86.0
XTE_040/720-29	29	SM30	40	1.34	1.80	6.1	10.3	20.3	0.43	2.09	2.80	64.1
XTE_040/720-43	43	SM40	40	2.01	2.70	6.1	12.2	31.7	0.67	3.26	4.36	61.8
XTE_040/720-86	86	SM31	40	4.05	5.43	8.7	17.9	56.5	0.68	4.71	6.32	86.0

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 32. Short Time Duty (S2-30') | Inching Duty (S4-25% | 600 St/h) 3-PH 480 V 60 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010/30-14	14	TM00	40	0.04	0.05	0.4	0.5	0.7	0.46	0.15	0.20	24.0
XTE_010/30-22	22	TM01	40	0.05	0.07	0.4	0.5	0.9	0.42	0.14	0.19	36.7
XTE_010/30-29	29	TM10	20	0.09	0.12	1.4	1.7	2.8	0.43	0.50	0.67	17.4
XTE_010/30-43	43	TM03	20	0.09	0.12	0.75	0.9	1.4	0.46	0.29	0.39	31.0
XTE_010/30-58	58	TM04	20	0.18	0.24	1.3	2.4	3.2	0.47	0.51	0.68	34.7
XTE_010/30-86	86	TM05	20	0.26	0.35	1.2	2.6	5.1	0.56	0.56	0.75	47.2
XTE_010/30-173	173	TM06	20	0.52	0.70	1.7	2.5	7.0	0.71	1.00	1.34	52.1
XTE_010/90-14	14	TM10	40	0.09	0.12	1.4	1.7	2.8	0.43	0.50	0.67	17.4
XTE_010/90-22	22	TM11	40	0.13	0.18	1.4	1.6	3.2	0.43	0.50	0.67	26.1
XTE_010/90-29	29	TM12	20	0.15	0.20	1.9	2.1	3.2	0.46	0.73	0.97	20.7
XTE_010/90-43	43	TM13	20	0.23	0.30	2.0	2.6	4.1	0.41	0.68	0.91	33.3
XTE_010/90-58	58	TM14	20	0.35	0.47	1.7	2.1	5.9	0.46	0.65	0.87	54.4
XTE_010/90-86	86	SM15	20	0.45	0.60	2.1	2.9	8.6	0.55	0.96	1.29	46.9
XTE_010/90-173	173	SM16	20	0.87	1.17	2.7	4.7	14.7	0.67	1.50	2.02	58.0
XTE_020/180-22	22	TM13	40	0.23	0.30	2.0	2.6	4.1	0.41	0.68	0.91	33.3
XTE_020/180-29	29	TM14	40	0.35	0.47	1.7	2.1	5.9	0.46	0.65	0.87	54.4
XTE_020/180-43	43	SM15	40	0.45	0.60	2.1	2.9	8.6	0.55	0.96	1.29	46.9
XTE_020/180-58	58	SM21	20	0.62	0.83	2.7	4.7	9.2	0.43	0.97	1.29	64.4
XTE_020/180-86	86	SM22	20	0.93	1.25	3.0	6.1	13.6	0.61	1.52	2.04	61.4
XTE_020/180-173	173	SM23	20	1.77	2.37	5.0	8.3	27.5	0.67	2.79	3.73	63.5
XTE_030/360-29	29	SM21	40	0.62	0.83	2.7	4.7	9.2	0.43	0.97	1.29	64.4
XTE_030/360-58	58	SM30	20	1.35	1.81	5.9	10.1	21.2	0.43	2.11	2.83	64.1
XTE_030/360-86	86	SM23	40	1.77	2.37	5.0	8.3	27.5	0.67	2.79	3.73	63.5
XTE_030/360-173	173	SM31	20	4.04	5.41	8.3	17.5	59.0	0.68	4.69	6.29	86.0
XTE_040/720-29	29	SM30	40	1.35	1.81	5.9	10.1	21.2	0.43	2.11	2.83	64.1
XTE_040/720-43	43	SM40	40	2.03	2.72	5.9	12.0	33.1	0.67	3.29	4.40	61.8
XTE_040/720-86	86	SM31	40	4.04	5.41	8.3	17.5	59.0	0.68	4.69	6.29	86.0

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 33. Modulating Duty (S4-50% | 1200 St/h) 3-PH 220 V 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-12	12	TM00	40	0.03	0.04	0.8	0.9	1.1	0.46	0.14	0.19	23.1
XTE_010R/30-18	18	TM01	40	0.05	0.07	0.8	1.0	1.4	0.42	0.13	0.17	38.3
XTE_010R/30-24	24	TM10	20	0.07	0.10	2.6	3.0	4.3	0.43	0.43	0.57	17.3
XTE_010R/30-36	36	TM03	20	0.07	0.10	1.36	1.6	2.33	0.46	0.24	0.32	31.0
XTE_010R/30-48	48	TM04	20	0.15	0.19	2.4	4.3	5.0	0.47	0.43	0.58	33.8
XTE_010R/30-72	72	TM05	20	0.22	0.29	2.2	4.6	7.8	0.56	0.47	0.63	46.3
XTE_010R/90-12	12	TM10	40	0.07	0.10	2.6	3.0	4.3	0.43	0.43	0.57	17.3
XTE_010R/90-18	18	TM11	40	0.11	0.15	2.6	2.9	5.0	0.43	0.43	0.57	25.9
XTE_010R/90-24	24	TM12	20	0.12	0.16	3.5	3.7	5.0	0.46	0.61	0.82	20.0
XTE_010R/90-36	36	TM13	20	0.18	0.24	3.6	4.6	6.3	0.41	0.56	0.75	32.1
XTE_010R/90-48	48	TM14	20	0.28	0.38	3.1	3.7	9.2	0.46	0.54	0.73	51.9
XTE_010R/90-72	72	SM15	20	0.36	0.48	3.8	5.3	13.3	0.55	0.80	1.07	45.0
XTE_020R/180-18	18	TM13	40	0.18	0.24	3.6	4.6	6.3	0.41	0.56	0.75	32.1
XTE_020R/180-24	24	TM14	40	0.28	0.38	3.1	3.7	9.2	0.46	0.54	0.73	51.9
XTE_020R/180-36	36	SM15	40	0.36	0.48	3.8	5.3	13.3	0.55	0.80	1.07	45.0
XTE_020R/180-48	48	SM21	20	0.52	0.70	5.1	8.5	14.1	0.43	0.84	1.12	62.7
XTE_020R/180-72	72	SM22	20	0.77	1.04	5.6	11.0	21.0	0.61	1.30	1.74	59.5
XTE_030R/360-24	24	SM21	40	0.52	0.70	5.1	8.5	14.1	0.43	0.84	1.12	62.7
XTE_030R/360-48	48	SM30	20	1.12	1.51	10.9	18.3	32.6	0.43	1.79	2.39	62.9
XTE_040R/720-24	24	SM30	40	1.12	1.51	10.9	18.3	32.6	0.43	1.79	2.39	62.9

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 34. Modulating Duty (S4-50% | 1200 St/h) 3-PH 230 V 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-12	12	TM00	40	0.03	0.04	0.7	0.8	1.1	0.46	0.13	0.17	22.4
XTE_010R/30-18	18	TM01	40	0.05	0.06	0.8	1.0	1.5	0.42	0.13	0.18	35.9
XTE_010R/30-24	24	TM10	20	0.07	0.09	2.4	3.0	4.5	0.43	0.41	0.55	17.0
XTE_010R/30-36	36	TM03	20	0.07	0.10	1.3	1.56	2.44	0.46	0.24	0.32	31.0
XTE_010R/30-48	48	TM04	20	0.14	0.19	2.3	4.2	5.2	0.47	0.43	0.58	33.5
XTE_010R/30-72	72	TM05	20	0.21	0.29	2.1	4.5	8.2	0.56	0.47	0.63	45.8
XTE_010R/90-12	12	TM10	40	0.07	0.09	2.4	3.0	4.5	0.43	0.41	0.55	17.0
XTE_010R/90-18	18	TM11	40	0.10	0.14	2.4	2.8	5.2	0.43	0.41	0.55	25.4
XTE_010R/90-24	24	TM12	20	0.12	0.16	3.3	3.7	5.2	0.46	0.60	0.81	20.2
XTE_010R/90-36	36	TM13	20	0.19	0.25	3.5	4.5	6.6	0.41	0.57	0.77	32.4
XTE_010R/90-48	48	TM14	20	0.29	0.39	3.0	3.7	9.6	0.46	0.55	0.74	52.8
XTE_010R/90-72	72	SM15	20	0.37	0.50	3.7	5.2	13.9	0.55	0.81	1.09	45.9
XTE_020R/180-18	18	TM13	40	0.19	0.25	3.5	4.5	6.6	0.41	0.57	0.77	32.4
XTE_020R/180-24	24	TM14	40	0.29	0.39	3.0	3.7	9.6	0.46	0.55	0.74	52.8
XTE_020R/180-36	36	SM15	40	0.37	0.50	3.7	5.2	13.9	0.55	0.81	1.09	45.9
XTE_020R/180-48	48	SM21	20	0.53	0.71	4.9	8.4	14.8	0.43	0.84	1.12	63.1
XTE_020R/180-72	72	SM22	20	0.79	1.06	5.4	10.8	21.9	0.61	1.31	1.76	60.2
XTE_030R/360-24	24	SM21	40	0.53	0.71	4.9	8.4	14.8	0.43	0.84	1.12	63.1
XTE_030R/360-48	48	SM30	20	1.12	1.50	10.4	17.9	34.1	0.43	1.78	2.39	62.8
XTE_040R/720-24	24	SM30	40	1.12	1.50	10.4	17.9	34.1	0.43	1.78	2.39	62.8

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 35. Modulating Duty (S4-50% | 1200 St/h) 3-PH 240 V 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-12	12	TM00	40	0.03	0.04	0.7	0.8	1.2	0.46	0.13	0.18	23.1
XTE_010R/30-18	18	TM01	40	0.05	0.06	0.7	0.9	1.5	0.42	0.12	0.16	38.3
XTE_010R/30-24	24	TM10	20	0.07	0.10	2.3	2.9	4.7	0.43	0.41	0.55	17.3
XTE_010R/30-36	36	TM03	20	0.07	0.10	1.25	1.53	2.54	0.46	0.24	0.32	31.0
XTE_010R/30-48	48	TM04	20	0.15	0.19	2.2	4.1	5.4	0.47	0.43	0.58	33.8
XTE_010R/30-72	72	TM05	20	0.22	0.29	2.0	4.4	8.5	0.56	0.47	0.62	46.3
XTE_010R/90-12	12	TM10	40	0.07	0.10	2.3	2.9	4.7	0.43	0.41	0.55	17.3
XTE_010R/90-18	18	TM11	40	0.11	0.14	2.3	2.7	5.4	0.43	0.41	0.55	25.9
XTE_010R/90-24	24	TM12	20	0.12	0.16	3.2	3.6	5.4	0.46	0.61	0.82	20.0
XTE_010R/90-36	36	TM13	20	0.18	0.24	3.3	4.4	6.9	0.41	0.56	0.75	32.1
XTE_010R/90-48	48	TM14	20	0.28	0.37	2.8	3.6	10.0	0.46	0.54	0.72	51.9
XTE_010R/90-72	72	SM15	20	0.36	0.48	3.5	5.1	14.5	0.55	0.80	1.07	45.0
XTE_020R/180-18	18	TM13	40	0.18	0.24	3.3	4.4	6.9	0.41	0.56	0.75	32.1
XTE_020R/180-24	24	TM14	40	0.28	0.37	2.8	3.6	10.0	0.46	0.54	0.72	51.9
XTE_020R/180-36	36	SM15	40	0.36	0.48	3.5	5.1	14.5	0.55	0.80	1.07	45.0
XTE_020R/180-48	48	SM21	20	0.53	0.71	4.7	8.2	15.4	0.43	0.84	1.13	62.7
XTE_020R/180-72	72	SM22	20	0.78	1.05	5.2	10.6	22.9	0.61	1.32	1.77	59.5
XTE_030R/360-24	24	SM21	40	0.53	0.71	4.7	8.2	15.4	0.43	0.84	1.13	62.7
XTE_030R/360-48	48	SM30	20	1.12	1.51	10.0	17.5	35.6	0.43	1.79	2.40	62.9
XTE_040R/720-24	24	SM30	40	1.12	1.51	10.0	17.5	35.6	0.43	1.79	2.40	62.9

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 36. Modulating Duty (S4-50% | 1200 St/h) 3-PH 380 V 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-12	12	TM00	40	0.03	0.04	0.4	0.5	0.6	0.46	0.12	0.16	23.1
XTE_010R/30-18	18	TM01	40	0.05	0.07	0.5	0.6	0.8	0.42	0.14	0.19	38.3
XTE_010R/30-24	24	TM10	20	0.07	0.10	1.5	1.7	2.5	0.43	0.42	0.57	17.3
XTE_010R/30-36	36	TM03	20	0.07	0.10	0.79	0.92	1.48	0.46	0.24	0.32	31.0
XTE_010R/30-48	48	TM04	20	0.15	0.20	1.4	2.5	2.9	0.47	0.43	0.58	33.8
XTE_010R/30-72	72	TM05	20	0.22	0.30	1.3	2.7	4.5	0.56	0.48	0.64	46.3
XTE_010R/90-12	12	TM10	40	0.07	0.10	1.5	1.7	2.5	0.43	0.42	0.57	17.3
XTE_010R/90-18	18	TM11	40	0.11	0.15	1.5	1.6	2.9	0.43	0.42	0.57	25.9
XTE_010R/90-24	24	TM12	20	0.12	0.16	2.0	2.2	2.9	0.46	0.61	0.81	20.3
XTE_010R/90-36	36	TM13	20	0.18	0.24	2.1	2.7	3.6	0.41	0.57	0.76	32.1
XTE_010R/90-48	48	TM14	20	0.29	0.39	1.8	2.2	5.2	0.46	0.54	0.73	53.0
XTE_010R/90-72	72	SM15	20	0.37	0.49	2.2	3.1	7.6	0.55	0.80	1.07	45.9
XTE_020R/180-18	18	TM13	40	0.18	0.24	2.1	2.7	3.6	0.41	0.57	0.76	32.1
XTE_020R/180-24	24	TM14	40	0.29	0.39	1.8	2.2	5.2	0.46	0.54	0.73	53.0
XTE_020R/180-36	36	SM15	40	0.37	0.49	2.2	3.1	7.6	0.55	0.80	1.07	45.9
XTE_020R/180-48	48	SM21	20	0.54	0.72	3.0	4.9	8.1	0.43	0.85	1.14	63.4
XTE_020R/180-72	72	SM22	20	0.80	1.08	3.3	6.4	12.0	0.61	1.32	1.78	60.7
XTE_030R/360-24	24	SM21	40	0.54	0.72	3.0	4.9	8.1	0.43	0.85	1.14	63.4
XTE_030R/360-48	48	SM30	20	1.13	1.51	6.3	10.6	18.6	0.43	1.78	2.39	63.1
XTE_040R/720-24	24	SM30	40	1.13	1.51	6.3	10.6	18.6	0.43	1.78	2.39	63.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 37. Modulating Duty (S4-50% | 1200 St/h) 3-PH 400 V 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-12	12	TM00	40	0.03	0.04	0.4	0.5	0.7	0.46	0.13	0.17	23.1
XTE_010R/30-18	18	TM01	40	0.04	0.06	0.4	0.6	0.9	0.42	0.12	0.16	38.3
XTE_010R/30-24	24	TM10	20	0.07	0.10	1.4	1.7	2.6	0.43	0.42	0.56	17.3
XTE_010R/30-36	36	TM03	20	0.07	0.10	0.75	0.9	1.4	0.46	0.24	0.32	31.0
XTE_010R/30-48	48	TM04	20	0.14	0.19	1.3	2.4	3.0	0.47	0.42	0.57	33.8
XTE_010R/30-72	72	TM05	20	0.22	0.29	1.2	2.6	4.7	0.56	0.47	0.62	46.3
XTE_010R/90-12	12	TM10	40	0.07	0.10	1.4	1.7	2.6	0.43	0.42	0.56	17.3
XTE_010R/90-18	18	TM11	40	0.11	0.14	1.4	1.6	3.0	0.43	0.42	0.56	25.9
XTE_010R/90-24	24	TM12	20	0.12	0.16	1.9	2.1	3.0	0.46	0.61	0.81	20.3
XTE_010R/90-36	36	TM13	20	0.19	0.25	2.0	2.6	3.8	0.41	0.57	0.76	32.9
XTE_010R/90-48	48	TM14	20	0.29	0.38	1.7	2.1	5.5	0.46	0.54	0.73	53.0
XTE_010R/90-72	72	SM15	20	0.37	0.49	2.1	3.0	8.0	0.55	0.80	1.07	45.9
XTE_020R/180-18	18	TM13	40	0.19	0.25	2.0	2.6	3.8	0.41	0.57	0.76	32.9
XTE_020R/180-24	24	TM14	40	0.29	0.38	1.7	2.1	5.5	0.46	0.54	0.73	53.0
XTE_020R/180-36	36	SM15	40	0.37	0.49	2.1	3.0	8.0	0.55	0.80	1.07	45.9
XTE_020R/180-48	48	SM21	20	0.53	0.71	2.8	4.8	8.5	0.43	0.83	1.12	63.4
XTE_020R/180-72	72	SM22	20	0.79	1.06	3.1	6.2	12.6	0.61	1.31	1.76	60.2
XTE_030R/360-24	24	SM21	40	0.53	0.71	2.8	4.8	8.5	0.43	0.83	1.12	63.4
XTE_030R/360-48	48	SM30	20	1.13	1.51	6.0	10.3	19.6	0.43	1.79	2.40	63.1
XTE_040R/720-24	24	SM30	40	1.13	1.51	6.0	10.3	19.6	0.43	1.79	2.40	63.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 38. Modulating Duty (S4-50% | 1200 St/h) 3-PH 415 V 50 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-12	12	TM00	40	0.03	0.04	0.4	0.5	0.7	0.46	0.13	0.18	23.1
XTE_010R/30-18	18	TM01	40	0.05	0.06	0.4	0.5	0.9	0.42	0.12	0.16	38.3
XTE_010R/30-24	24	TM10	20	0.07	0.10	1.4	1.7	2.7	0.43	0.43	0.58	17.3
XTE_010R/30-36	36	TM03	20	0.07	0.10	0.72	0.89	1.38	0.46	0.24	0.32	31.0
XTE_010R/30-48	48	TM04	20	0.15	0.20	1.3	2.4	3.1	0.47	0.44	0.59	33.8
XTE_010R/30-72	72	TM05	20	0.22	0.30	1.2	2.6	4.9	0.56	0.48	0.65	46.3
XTE_010R/90-12	12	TM10	40	0.07	0.10	1.4	1.7	2.7	0.43	0.43	0.58	17.3
XTE_010R/90-18	18	TM11	40	0.11	0.15	1.4	1.6	3.1	0.43	0.43	0.58	25.9
XTE_010R/90-24	24	TM12	20	0.12	0.16	1.8	2.1	3.1	0.46	0.60	0.80	20.3
XTE_010R/90-36	36	TM13	20	0.18	0.25	1.9	2.6	3.9	0.41	0.56	0.75	32.9
XTE_010R/90-48	48	TM14	20	0.28	0.38	1.6	2.1	5.7	0.46	0.53	0.71	53.0
XTE_010R/90-72	72	SM15	20	0.37	0.49	2.0	3.0	8.3	0.55	0.79	1.06	46.5
XTE_020R/180-18	18	TM13	40	0.18	0.25	1.9	2.6	3.9	0.41	0.56	0.75	32.9
XTE_020R/180-24	24	TM14	40	0.28	0.38	1.6	2.1	5.7	0.46	0.53	0.71	53.0
XTE_020R/180-36	36	SM15	40	0.37	0.49	2.0	3.0	8.3	0.55	0.79	1.06	46.5
XTE_020R/180-48	48	SM21	20	0.53	0.71	2.7	4.7	8.8	0.43	0.83	1.12	63.4
XTE_020R/180-72	72	SM22	20	0.79	1.06	3.0	6.1	13.1	0.61	1.32	1.76	60.2
XTE_030R/360-24	24	SM21	40	0.53	0.71	2.7	4.7	8.8	0.43	0.83	1.12	63.4
XTE_030R/360-48	48	SM30	20	1.13	1.52	5.8	10.1	20.3	0.43	1.79	2.40	63.1
XTE_040R/720-24	24	SM30	40	1.13	1.52	5.8	10.1	20.3	0.43	1.79	2.40	63.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 39. Modulating Duty (S4-50% | 1200 St/h) 3-PH 440 V 50 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-12	12	TM00	40	0.03	0.04	0.4	0.5	0.7	0.46	0.14	0.19	21.4
XTE_010R/30-18	18	TM01	40	0.05	0.06	0.4	0.5	0.9	0.42	0.13	0.17	35.4
XTE_010R/30-24	24	TM10	20	0.07	0.10	1.4	1.7	2.7	0.43	0.46	0.61	16.1
XTE_010R/30-36	36	TM03	20	0.07	0.10	0.75	0.9	1.4	0.46	0.24	0.32	31.0
XTE_010R/30-48	48	TM04	20	0.15	0.20	1.3	2.4	3.1	0.47	0.47	0.62	32.3
XTE_010R/30-72	72	TM05	20	0.22	0.30	1.2	2.6	4.9	0.56	0.51	0.69	43.5
XTE_010R/90-12	12	TM10	40	0.07	0.10	1.4	1.7	2.7	0.43	0.46	0.61	16.1
XTE_010R/90-18	18	TM11	40	0.11	0.15	1.4	1.6	3.1	0.43	0.46	0.61	24.1
XTE_010R/90-24	24	TM12	20	0.12	0.16	1.8	2.1	3.1	0.46	0.63	0.85	19.1
XTE_010R/90-36	36	TM13	20	0.18	0.24	1.9	2.6	3.9	0.41	0.59	0.80	30.7
XTE_010R/90-48	48	TM14	20	0.28	0.38	1.6	2.1	5.7	0.46	0.56	0.75	50.2
XTE_010R/90-72	72	SM15	20	0.37	0.49	2.0	3.0	8.3	0.55	0.84	1.12	43.7
XTE_020R/180-18	18	TM13	40	0.18	0.24	1.9	2.6	3.9	0.41	0.59	0.80	30.7
XTE_020R/180-24	24	TM14	40	0.28	0.38	1.6	2.1	5.7	0.46	0.56	0.75	50.2
XTE_020R/180-36	36	SM15	40	0.37	0.49	2.0	3.0	8.3	0.55	0.84	1.12	43.7
XTE_020R/180-48	48	SM21	20	0.53	0.71	2.7	4.7	8.8	0.43	0.88	1.19	59.8
XTE_020R/180-72	72	SM22	20	0.79	1.06	3.0	6.1	13.1	0.61	1.39	1.87	56.8
XTE_030R/360-24	24	SM21	40	0.53	0.71	2.7	4.7	8.8	0.43	0.88	1.19	59.8
XTE_030R/360-48	48	SM30	20	1.13	1.51	5.8	10.1	20.3	0.43	1.90	2.55	59.4
XTE_040R/720-24	24	SM30	40	1.13	1.51	5.8	10.1	20.3	0.43	1.90	2.55	59.4

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 40. Modulating Duty (S4-50% | 1200 St/h) 3-PH 280 V 60 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-14	14	TM00	40	0.04	0.05	0.7	0.8	1.2	0.46	0.16	0.21	22.5
XTE_010R/30-22	22	TM01	40	0.06	0.08	0.8	0.9	1.6	0.42	0.16	0.22	36.7
XTE_010R/30-29	29	TM10	20	0.08	0.11	2.4	2.9	4.8	0.43	0.50	0.67	16.0
XTE_010R/30-43	43	TM03	20	0.09	0.12	1.29	1.54	2.4	0.46	0.46	0.29	31.0
XTE_010R/30-58	58	TM04	20	0.17	0.23	2.2	4.0	5.6	0.47	0.50	0.67	34.0
XTE_010R/30-86	86	TM05	20	0.27	0.36	2.1	4.4	8.7	0.56	0.57	0.76	46.6
XTE_010R/90-14	14	TM10	40	0.08	0.11	2.4	2.9	4.8	0.43	0.50	0.67	16.0
XTE_010R/90-22	22	TM11	40	0.12	0.16	2.4	2.7	5.6	0.43	0.50	0.67	24.0
XTE_010R/90-29	29	TM12	20	0.14	0.19	3.3	3.5	5.6	0.46	0.74	0.99	19.4
XTE_010R/90-43	43	TM13	20	0.22	0.29	3.4	4.4	7.0	0.41	0.68	0.91	32.4
XTE_010R/90-58	58	TM14	20	0.34	0.46	2.9	3.5	10.2	0.46	0.65	0.87	53.1
XTE_010R/90-86	86	SM15	20	0.44	0.59	3.6	5.0	14.8	0.55	0.96	1.29	45.8
XTE_020R/180-22	22	TM13	40	0.22	0.29	3.4	4.4	7.0	0.41	0.68	0.91	32.4
XTE_020R/180-29	29	TM14	40	0.34	0.46	2.9	3.5	10.2	0.46	0.65	0.87	53.1
XTE_020R/180-43	43	SM15	40	0.44	0.59	3.6	5.0	14.8	0.55	0.96	1.29	45.8
XTE_020R/180-58	58	SM21	20	0.63	0.85	4.8	8.1	15.7	0.43	1.00	1.34	63.0
XTE_020R/180-86	86	SM22	20	0.95	1.27	5.3	10.4	23.3	0.61	1.57	2.10	60.5
XTE_030R/360-29	29	SM21	40	0.63	0.85	4.8	8.1	15.7	0.43	1.00	1.34	63.0
XTE_030R/360-58	58	SM30	20	1.36	1.82	10.3	17.3	36.3	0.43	2.15	2.88	63.1
XTE_040R/720-29	29	SM30	40	1.36	1.82	10.3	17.3	36.3	0.43	2.15	2.88	63.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 41. Modulating Duty (S4-50% | 1200 St/h) 3-PH 400 V 60 Hz (*Special Motor)

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-14	14	TM00	40	0.04	0.05	0.5	0.6	0.8	0.46	0.16	0.21	24.0
XTE_010R/30-22	22	TM01	40	0.05	0.07	0.5	0.7	1.1	0.42	0.15	0.19	36.7
XTE_010R/30-29	29	TM10	20	0.09	0.12	1.7	2.0	3.4	0.43	0.51	0.68	17.4
XTE_010R/30-43	43	TM03	20	0.09	0.12	0.9	1.08	1.68	0.46	0.46	0.29	31.0
XTE_010R/30-58	58	TM04	20	0.17	0.23	1.5	2.8	3.9	0.47	0.49	0.65	34.7
XTE_010R/30-86	86	TM05	20	0.26	0.34	1.4	3.1	6.1	0.56	0.54	0.73	47.2
XTE_010R/90-14	14	TM10	40	0.09	0.12	1.7	2.0	3.4	0.43	0.51	0.68	17.4
XTE_010R/90-22	22	TM11	40	0.13	0.18	1.7	1.9	3.9	0.43	0.51	0.68	26.1
XTE_010R/90-29	29	TM12	20	0.15	0.19	2.2	2.5	3.9	0.46	0.70	0.94	20.7
XTE_010R/90-43	43	TM13	20	0.23	0.30	2.4	3.1	4.9	0.41	0.68	0.91	33.3
XTE_010R/90-58	58	TM14	20	0.35	0.46	2.0	2.5	7.1	0.46	0.64	0.85	54.4
XTE_010R/90-86	86	SM15	20	0.45	0.60	2.5	3.5	10.4	0.55	0.95	1.28	46.9
XTE_020R/180-22	22	TM13	40	0.23	0.30	2.4	3.1	4.9	0.41	0.68	0.91	33.3
XTE_020R/180-29	29	TM14	40	0.35	0.46	2.0	2.5	7.1	0.46	0.64	0.85	54.4
XTE_020R/180-43	43	SM15	40	0.45	0.60	2.5	3.5	10.4	0.55	0.95	1.28	46.9
XTE_020R/180-58	58	SM21	20	0.63	0.85	3.3	5.6	11.0	0.43	0.98	1.32	64.4
XTE_020R/180-86	86	SM22	20	0.96	1.29	3.7	7.3	16.3	0.61	1.56	2.10	61.4
XTE_030R/360-29	29	SM21	40	0.63	0.85	3.3	5.6	11.0	0.43	0.98	1.32	64.4
XTE_030R/360-58	58	SM30	20	1.36	1.82	7.1	12.1	25.4	0.43	2.12	2.83	64.1
XTE_040R/720-29	29	SM30	40	1.36	1.82	7.1	12.1	25.4	0.43	2.12	2.83	64.1

NOTES:

- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 42. Modulating Duty (S4-50% | 1200 St/h) 3-PH 440 V 60 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-14	14	TM00	40	0.04	0.06	0.5	0.5	0.6	0.46	0.18	0.23	24.0
XTE_010R/30-22	22	TM01	40	0.06	0.08	0.5	0.6	0.8	0.42	0.16	0.21	36.7
XTE_010R/30-29	29	TM10	20	0.09	0.11	1.5	1.7	2.6	0.43	0.49	0.66	17.4
XTE_010R/30-43	43	TM03	20	0.09	0.12	0.82	0.94	1.47	0.46	0.46	0.29	31.0
XTE_010R/30-58	58	TM04	20	0.17	0.23	1.4	2.5	3.0	0.47	0.50	0.67	34.7
XTE_010R/30-86	86	TM05	20	0.26	0.35	1.3	2.7	4.7	0.56	0.55	0.74	47.2
XTE_010R/90-14	14	TM10	40	0.09	0.11	1.5	1.7	2.6	0.43	0.49	0.66	17.4
XTE_010R/90-22	22	TM11	40	0.13	0.17	1.5	1.6	3.0	0.43	0.49	0.66	26.1
XTE_010R/90-29	29	TM12	20	0.15	0.19	2.0	2.2	3.0	0.46	0.70	0.94	20.7
XTE_010R/90-43	43	TM13	20	0.22	0.29	2.1	2.7	3.8	0.41	0.66	0.88	33.3
XTE_010R/90-58	58	TM14	20	0.34	0.46	1.8	2.2	5.5	0.46	0.63	0.85	54.4
XTE_010R/90-86	86	SM15	20	0.45	0.61	2.3	3.1	7.9	0.55	0.96	1.29	46.9
XTE_020R/180-22	22	TM13	40	0.22	0.29	2.1	2.7	3.8	0.41	0.66	0.88	33.3
XTE_020R/180-29	29	TM14	40	0.34	0.46	1.8	2.2	5.5	0.46	0.63	0.85	54.4
XTE_020R/180-43	43	SM15	40	0.45	0.61	2.3	3.1	7.9	0.55	0.96	1.29	46.9
XTE_020R/180-58	58	SM21	20	0.63	0.85	3.0	4.9	8.4	0.43	0.98	1.32	64.4
XTE_020R/180-86	86	SM22	20	0.95	1.27	3.3	6.4	12.5	0.61	1.53	2.06	61.8
XTE_030R/360-29	29	SM21	40	0.63	0.85	3.0	4.9	8.4	0.43	0.98	1.32	64.4
XTE_030R/360-58	58	SM30	20	1.34	1.80	6.4	10.5	19.4	0.43	2.10	2.81	64.1
XTE_040R/720-29	29	SM30	40	1.34	1.80	6.4	10.5	19.4	0.43	2.10	2.81	64.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 43. Modulating Duty (S4-50% | 1200 St/h) 3-PH 460 V 60 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-14	14	TM00	40	0.04	0.05	0.4	0.5	0.7	0.46	0.15	0.20	24.0
XTE_010R/30-22	22	TM01	40	0.06	0.08	0.5	0.6	0.9	0.42	0.17	0.22	36.7
XTE_010R/30-29	29	TM10	20	0.08	0.11	1.4	1.7	2.7	0.43	0.48	0.64	17.4
XTE_010R/30-43	43	TM03	20	0.09	0.12	0.78	0.92	1.46	0.46	0.46	0.29	31.0
XTE_010R/30-58	58	TM04	20	0.17	0.23	1.3	2.4	3.1	0.47	0.49	0.65	34.7
XTE_010R/30-86	86	TM05	20	0.25	0.34	1.2	2.6	4.9	0.56	0.54	0.72	47.2
XTE_010R/90-14	14	TM10	40	0.08	0.11	1.4	1.7	2.7	0.43	0.48	0.64	17.4
XTE_010R/90-22	22	TM11	40	0.13	0.17	1.4	1.6	3.1	0.43	0.48	0.64	26.1
XTE_010R/90-29	29	TM12	20	0.14	0.19	1.9	2.1	3.1	0.46	0.70	0.93	20.7
XTE_010R/90-43	43	TM13	20	0.23	0.30	2.1	2.6	3.9	0.41	0.69	0.92	32.8
XTE_010R/90-58	58	TM14	20	0.34	0.45	1.7	2.1	5.7	0.46	0.62	0.83	54.4
XTE_010R/90-86	86	SM15	20	0.45	0.61	2.2	3.0	8.3	0.55	0.96	1.29	46.9
XTE_020R/180-22	22	TM13	40	0.23	0.30	2.1	2.6	3.9	0.41	0.69	0.92	32.8
XTE_020R/180-29	29	TM14	40	0.34	0.45	1.7	2.1	5.7	0.46	0.62	0.83	54.4
XTE_020R/180-43	43	SM15	40	0.45	0.61	2.2	3.0	8.3	0.55	0.96	1.29	46.9
XTE_020R/180-58	58	SM21	20	0.64	0.86	2.9	4.8	8.8	0.43	0.99	1.33	64.4
XTE_020R/180-86	86	SM22	20	0.95	1.28	3.2	6.2	13.0	0.61	1.56	2.08	61.4
XTE_030R/360-29	29	SM21	40	0.64	0.86	2.9	4.8	8.8	0.43	0.99	1.33	64.4
XTE_030R/360-58	58	SM30	20	1.34	1.80	6.1	10.3	20.3	0.43	2.09	2.80	64.1
XTE_040R/720-29	29	SM30	40	1.34	1.80	6.1	10.3	20.3	0.43	2.09	2.80	64.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Table 44. Modulating Duty (S4-50% | 1200 St/h) 3-PH 480 V 60 Hz

Size, Torque, Speed	RPM	Motor	INT WG Ratio (:1)	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-14	14	TM00	40	0.04	0.05	0.4	0.5	0.7	0.46	0.15	0.20	24.0
XTE_010R/30-22	22	TM01	40	0.05	0.07	0.4	0.5	0.9	0.42	0.14	0.19	36.7
XTE_010R/30-29	29	TM10	20	0.09	0.12	1.4	1.7	2.8	0.43	0.50	0.67	17.4
XTE_010R/30-43	43	TM03	20	0.09	0.12	0.75	0.9	1.4	0.46	0.46	0.29	31.0
XTE_010R/30-58	58	TM04	20	0.18	0.24	1.3	2.4	3.2	0.47	0.51	0.68	34.7
XTE_010R/30-86	86	TM05	20	0.26	0.35	1.2	2.6	5.1	0.56	0.56	0.75	47.2
XTE_010R/90-14	14	TM10	40	0.09	0.12	1.4	1.7	2.8	0.43	0.50	0.67	17.4
XTE_010R/90-22	22	TM11	40	0.13	0.18	1.4	1.6	3.2	0.43	0.50	0.67	26.1
XTE_010R/90-29	29	TM12	20	0.15	0.20	1.9	2.1	3.2	0.46	0.73	0.97	20.7
XTE_010R/90-43	43	TM13	20	0.23	0.30	2.0	2.6	4.1	0.41	0.68	0.91	33.3
XTE_010R/90-58	58	TM14	20	0.35	0.47	1.7	2.1	5.9	0.46	0.65	0.87	54.4
XTE_010R/90-86	86	SM15	20	0.45	0.60	2.1	2.9	8.6	0.55	0.96	1.29	46.9
XTE_020R/180-22	22	TM13	40	0.23	0.30	2.0	2.6	4.1	0.41	0.68	0.91	33.3
XTE_020R/180-29	29	TM14	40	0.35	0.47	1.7	2.1	5.9	0.46	0.65	0.87	54.4
XTE_020R/180-43	43	SM15	40	0.45	0.60	2.1	2.9	8.6	0.55	0.96	1.29	46.9
XTE_020R/180-58	58	SM21	20	0.62	0.83	2.7	4.7	9.2	0.43	0.97	1.29	64.4
XTE_020R/180-86	86	SM22	20	0.93	1.25	3.0	6.1	13.6	0.61	1.52	2.04	61.4
XTE_030R/360-29	29	SM21	40	0.62	0.83	2.7	4.7	9.2	0.43	0.97	1.29	64.4
XTE_030R/360-58	58	SM30	20	1.35	1.81	5.9	10.1	21.2	0.43	2.11	2.83	64.1
XTE_040R/720-29	29	SM30	40	1.35	1.81	5.9	10.1	21.2	0.43	2.11	2.83	64.1

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

Single-Phase AC

Table 45. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 1-PH 110 V 50 Hz (*Special Motor)

Size, Torque, Speed	Motor	INT WG Ratio (:1)	RPM Min	RPM Max	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-SR1	TM11	40	8	17	0.11	0.15	2.3	3.1	6.8	0.53	0.13	0.18	81.5
XTE_010R/30-SR2	TM14	20	18	62	0.28	0.38	5.1	6.7	10.7	0.58	0.33	0.44	87.5
XTE_010R/30-SR3	TM15	20	63	94	0.37	0.50	5.6	8.4	16.5	0.69	0.43	0.57	87.4
XTE_010R/90-SR1	TM13	40	6	23	0.19	0.25	4.8	6.3	12.1	0.58	0.31	0.41	61.3
XTE_010R/90-SR2	TM14	20	24	40	0.28	0.38	6.1	9.1	17.8	0.69	0.46	0.62	60.9
XTE_020R/180-SR1	TM21	40	8	20	0.53	0.71	10.3	15.5	26.0	0.54	0.61	0.82	86.2

Table 46. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 1-PH 115 V 50 Hz (*Special Motor)

Size, Torque, Speed	Motor	INT WG Ratio (:1)	RPM Min	RPM Max	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-SR1	TM11	40	8	17	0.11	0.15	2.2	3.0	7.1	0.53	0.13	0.18	81.5
XTE_010R/30-SR2	TM14	20	18	62	0.29	0.38	4.9	6.4	11.2	0.58	0.33	0.44	87.5
XTE_010R/30-SR3	TM15	20	63	94	0.37	0.50	5.4	8.1	17.3	0.69	0.43	0.57	87.4
XTE_010R/90-SR1	TM13	40	6	23	0.19	0.25	4.6	6.0	12.7	0.58	0.31	0.41	61.3
XTE_010R/90-SR2	TM14	20	24	40	0.28	0.38	5.8	8.7	18.6	0.69	0.46	0.62	60.9
XTE_020R/180-SR1	TM21	40	8	20	0.53	0.71	9.9	14.8	27.1	0.54	0.61	0.82	86.2

Table 47. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 1-PH 220 V 50 Hz (*Special Motor)

Size, Torque, Speed	Motor	INT WG Ratio (:1)	RPM Min	RPM Max	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-SR1	TM11	40	8	17	0.11	0.15	1.2	1.6	3.7	0.53	0.14	0.19	81.5
XTE_010R/30-SR2	TM15	20	24	72	0.37	0.50	2.6	4.5	9.2	0.69	0.39	0.53	94.1
XTE_010R/30-SR3	TM16	20	73	172	0.17	0.23	2.4	4.1	8.7	0.85	0.45	0.60	38.5
XTE_010R/90-SR1	TM13	40	6	23	0.18	0.25	4.6	6.0	10.6	0.55	0.56	0.75	32.9
XTE_010R/90-SR2	TM18	20	24	95	0.50	0.67	5.8	8.7	18.6	0.8	1.02	1.37	49.0
XTE_020R/180-SR1	TM22	40	12	36	0.79	1.06	5.5	10.0	16.7	0.85	1.03	1.38	76.6
XTE_020R/180-SR2	TM22	20	48	60	0.79	1.06	7.8	15.6	29.1	0.85	1.46	1.95	54.0
XTE_030R/360-SR1	TM30	40	10	30	1.13	1.51	12.4	21.3	29.5	0.57	1.55	2.08	72.5

NOTES:

- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 48. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 1-PH 230 V 50 Hz (*Special Motor)

Size, Torque, Speed	Motor	INT WG Ratio (:1)	RPM Min	RPM Max	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-SR1	TM11	40	8	17	0.11	0.15	1.1	1.5	3.9	0.53	0.13	0.18	81.5
XTE_010R/30-SR2	TM15	20	24	72	0.37	0.50	2.5	4.3	9.6	0.69	0.40	0.53	94.1
XTE_010R/30-SR3	TM16	20	73	172	0.17	0.23	2.3	3.9	9.1	0.85	0.45	0.60	38.5
XTE_010R/90-SR1	TM13	40	6	23	0.18	0.25	4.4	5.8	11.1	0.55	0.56	0.75	32.9
XTE_010R/90-SR2	TM18	20	24	95	0.50	0.68	5.6	8.3	19.4	0.8	1.03	1.38	49.0
XTE_020R/180-SR1	TM22	40	12	36	0.79	1.06	5.3	9.5	17.5	0.85	1.04	1.39	76.6
XTE_020R/180-SR2	TM22	20	48	60	0.79	1.06	7.5	15.0	30.4	0.85	1.47	1.96	54.0
XTE_030R/360-SR1	TM30	40	10	30	1.12	1.50	11.8	20.3	30.8	0.57	1.55	2.07	72.5

Table 49. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 1-PH 120 V 60 Hz (*Special Motor)

Size, Torque, Speed	Motor	INT WG Ratio (:1)	RPM Min	RPM Max	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-SR1	TM11	40	8	17	0.13	0.17	2.1	2.9	7.4	0.53	0.13	0.18	97.7
XTE_010R/30-SR2	TM14	20	18	62	0.29	0.38	4.7	6.1	11.7	0.58	0.33	0.44	87.5
XTE_010R/30-SR3	TM15	20	63	94	0.37	0.49	5.1	7.7	18.0	0.69	0.42	0.57	87.4
XTE_010R/90-SR1	TM13	40	6	23	0.22	0.30	5.5	10.7	23.0	0.41	0.27	0.36	81.9
XTE_010R/90-SR2	TM14	20	24	40	0.34	0.46	6.4	10.5	22.7	0.72	0.55	0.74	61.8
XTE_020R/180-SR1	TM21	40	8	20	0.21	0.29	9.4	14.2	28.3	0.54	0.61	0.82	35.2

Table 50. Short-Time Duty (S2-15') | Inching Duty (S4-25% | 60 St/h) 1-PH 240 V 60 Hz (*Special Motor)

Size, Torque, Speed	Motor	INT WG Ratio (:1)	RPM Min	RPM Max	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-SR1	TM11	40	8	17	0.14	0.18	1.1	1.4	4.0	0.53	0.14	0.19	97.7
XTE_010R/30-SR2	TM15	20	24	72	0.37	0.50	2.4	4.1	10.0	0.69	0.40	0.53	94.1
XTE_010R/30-SR3	TM16	20	73	172	0.17	0.23	2.2	3.7	9.5	0.85	0.45	0.60	38.5
XTE_010R/90-SR1	TM13	40	6	23	0.22	0.29	4.2	5.5	11.6	0.55	0.55	0.74	39.5
XTE_010R/90-SR2	TM18	20	24	95	0.50	0.67	5.3	8.0	20.3	0.8	1.02	1.36	49.0
XTE_020R/180-SR1	TM22	40	12	36	0.96	1.28	5.1	9.1	18.3	0.85	1.04	1.39	91.9
XTE_020R/180-SR2	TM22	20	48	60	0.95	1.28	7.2	14.3	31.7	0.85	1.47	1.97	64.9
XTE_030R/360-SR1	TM30	40	10	30	1.36	1.82	11.4	19.5	32.1	0.57	1.56	2.09	87.0

NOTES:

- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 51. Modulating Duty (S4-50% | 1200 St/h) 1-PH 110 V 50 Hz (*Special Motor)

Size, Torque, Speed	Motor	INT WG Ratio (:1)	RPM Min	RPM Max	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-SR1	TM11	40	8	17	0.11	0.15	2.3	3.1	6.8	0.53	0.13	0.18	81.5
XTE_010R/30-SR2	TM14	20	18	62	0.28	0.38	5.1	6.7	10.7	0.58	0.33	0.44	87.5
XTE_010R/30-SR3	TM15	20	63	94	0.37	0.50	5.6	8.4	16.5	0.69	0.43	0.57	87.4
XTE_010R/90-SR1	TM13	40	6	23	0.19	0.25	4.8	6.3	12.1	0.58	0.31	0.41	61.3
XTE_010R/90-SR2	TM14	20	24	40	0.28	0.38	6.1	9.1	17.8	0.69	0.46	0.62	60.9
XTE_020R/180-SR1	TM21	40	8	20	0.53	0.71	10.3	15.5	26.0	0.54	0.61	0.82	86.2

Table 52. Modulating Duty (S4-50% | 1200 St/h) 1-PH 115 V 50 Hz (*Special Motor)

Size, Torque, Speed	Motor	INT WG Ratio (:1)	RPM Min	RPM Max	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-SR1	TM11	40	8	17	0.11	0.15	2.2	3.0	7.1	0.53	0.13	0.18	81.5
XTE_010R/30-SR2	TM14	20	18	62	0.29	0.38	4.9	6.4	11.2	0.58	0.33	0.44	87.5
XTE_010R/30-SR3	TM15	20	63	94	0.37	0.50	5.4	8.1	17.3	0.69	0.43	0.57	87.4
XTE_010R/90-SR1	TM13	40	6	23	0.19	0.25	4.6	6.0	12.7	0.58	0.31	0.41	61.3
XTE_010R/90-SR2	TM14	20	24	40	0.28	0.38	5.8	8.7	18.6	0.69	0.46	0.62	60.9
XTE_020R/180-SR1	TM21	40	8	20	0.53	0.71	9.9	14.8	27.1	0.54	0.61	0.82	86.2

Table 53. Modulating Duty (S4-50% | 1200 St/h) 1-PH 220 V 50 Hz (*Special Motor)

Size, Torque, Speed	Motor	INT WG Ratio (:1)	RPM Min	RPM Max	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-SR1	TM11	40	8	17	0.11	0.15	1.2	1.6	3.7	0.53	0.14	0.19	81.5
XTE_010R/30-SR2	TM15	20	24	72	0.37	0.50	2.6	4.5	9.2	0.69	0.39	0.53	94.1
XTE_010R/30-SR3	TM16	20	73	172	0.17	0.23	2.4	4.1	8.7	0.85	0.45	0.60	38.5
XTE_010R/90-SR1	TM13	40	6	23	0.18	0.25	4.6	6.0	10.6	0.55	0.56	0.75	32.9
XTE_010R/90-SR2	TM18	20	24	95	0.50	0.67	5.8	8.7	18.6	0.8	1.02	1.37	49.0
XTE_020R/180-SR1	TM22	40	12	36	0.79	1.06	5.5	10.0	16.7	0.85	1.03	1.38	76.6
XTE_020R/180-SR2	TM22	20	48	60	0.79	1.06	7.8	15.6	29.1	0.85	1.46	1.95	54.0
XTE_030R/360-SR1	TM30	40	10	30	1.13	1.51	12.4	21.3	29.5	0.57	1.55	2.08	72.5

NOTES:

- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Table 54. Modulating Duty (S4-50% | 1200 St/h) 1-PH 230 V 50 Hz (*Special Motor)

Size, Torque, Speed	Motor	INT WG Ratio (:1)	RPM Min	RPM Max	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-SR1	TM11	40	8	17	0.11	0.15	1.1	1.5	3.9	0.53	0.13	0.18	81.5
XTE_010R/30-SR2	TM15	20	24	72	0.37	0.50	2.5	4.3	9.6	0.69	0.40	0.53	94.1
XTE_010R/30-SR3	TM16	20	73	172	0.17	0.23	2.3	3.9	9.1	0.85	0.45	0.60	38.5
XTE_010R/90-SR1	TM13	40	6	23	0.18	0.25	4.4	5.8	11.1	0.55	0.56	0.75	32.9
XTE_010R/90-SR2	TM18	20	24	95	0.50	0.68	5.6	8.3	19.4	0.8	1.03	1.38	49.0
XTE_020R/180-SR1	TM22	40	12	36	0.79	1.06	5.3	9.5	17.5	0.85	1.04	1.39	76.6
XTE_020R/180-SR2	TM22	20	48	60	0.79	1.06	7.5	15.0	30.4	0.85	1.47	1.96	54.0
XTE_030R/360-SR1	TM30	40	10	30	1.12	1.50	11.8	20.3	30.8	0.57	1.55	2.07	72.5

Table 55. Modulating Duty (S4-50% | 1200 St/h) 1-PH 120 V 60 Hz (*Special Motor)

Size, Torque, Speed	Motor	INT WG Ratio (:1)	RPM Min	RPM Max	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-SR1	TM11	40	8	17	0.13	0.17	2.1	2.9	7.4	0.53	0.13	0.18	97.7
XTE_010R/30-SR2	TM14	20	18	62	0.29	0.38	4.7	6.1	11.7	0.58	0.33	0.44	87.5
XTE_010R/30-SR3	TM15	20	63	94	0.37	0.49	5.1	7.7	18.0	0.69	0.42	0.57	87.4
XTE_010R/90-SR1	TM13	40	6	23	0.22	0.30	5.5	10.7	23.0	0.41	0.27	0.36	81.9
XTE_010R/90-SR2	TM14	20	24	40	0.34	0.46	6.4	10.5	22.7	0.72	0.55	0.74	61.8
XTE_020R/180-SR1	TM21	40	8	20	0.21	0.29	9.4	14.2	28.3	0.54	0.61	0.82	35.2

Table 56. Modulating Duty (S4-50% | 1200 St/h) 1-PH 240 V 60 Hz (*Special Motor)

Size, Torque, Speed	Motor	INT WG Ratio (:1)	RPM Min	RPM Max	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010R/30-SR1	TM11	40	8	17	0.14	0.18	1.1	1.4	4.0	0.53	0.14	0.19	97.7
XTE_010R/30-SR2	TM15	20	24	72	0.37	0.50	2.4	4.1	10.0	0.69	0.40	0.53	94.1
XTE_010R/30-SR3	TM16	20	73	172	0.17	0.23	2.2	3.7	9.5	0.85	0.45	0.60	38.5
XTE_010R/90-SR1	TM13	40	6	23	0.22	0.29	4.2	5.5	11.6	0.55	0.55	0.74	39.5
XTE_010R/90-SR2	TM18	20	24	95	0.50	0.67	5.3	8.0	20.3	0.8	1.02	1.36	49.0
XTE_020R/180-SR1	TM22	40	12	36	0.96	1.28	5.1	9.1	18.3	0.85	1.04	1.39	91.9
XTE_020R/180-SR2	TM22	20	48	60	0.95	1.28	7.2	14.3	31.7	0.85	1.47	1.97	64.9
XTE_030R/360-SR1	TM30	40	10	30	1.36	1.82	11.4	19.5	32.1	0.57	1.56	2.09	87.0

NOTES:

- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.
- **Not all special motors are currently being manufactured, performance data above include assumptions based on design specifications.**

Direct Current

Table 57. Inching Duty (S4-25% | 600 St/h) 24 V DC

Size, Torque, Speed	Motor	INT WG Ratio (:1)	RPM Min	RPM Max	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010D/30-SR1	DM05d	40	12	29	0.15	0.20	14.0	28.0	65.0	0	0.34	0.45	43.9
XTE_010D/30-SR2	DM05d	20	30	60	0.15	0.20	14.0	28.0	65.0	0	0.34	0.45	43.9
XTE_010D/90-SR1	DM05	40	12	23	0.19	0.26	14.0	32.0	63.0	0	0.34	0.45	57.6
XTE_010D/90-SR2	DM05	20	24	30	0.20	0.27	20.0	38.0	55.0	0	0.34	0.45	57.6
XTE_010D/90-SR3	DM05	20	50	68	0.19	0.26	37.0	80.0	120.0	0	0.89	1.19	21.6

Table 58. Inching Duty (S4-25% | 600 St/h) 48 V DC

Size, Torque, Speed	Motor	INT WG Ratio (:1)	RPM Min	RPM Max	Power (kW)	Power (hp)	In (A)	Is (A)	Icc (A)	Power Factor	Absorbed Power (kW)	Absorbed Power (hp)	Efficiency (%)
XTE_010D/30-SR1	DM05d	40	12	29	0.15	0.20	7.0	14.0	33.0	0	0.34	0.45	43.9
XTE_010D/30-SR2	DM05d	20	30	60	0.15	0.20	7.0	14.0	33.0	0	0.34	0.45	43.9
XTE_010D/90-SR1	DM05	20	50	68	0.40	0.54	16.5	32.0	58.0	0	0.79	1.06	50.6
XTE_010D/90-SR1	DM05	40	12	30	0.40	0.54	16.5	32.0	58.0	0	0.79	1.06	50.6
XTE_010D/90-SR2	DM05	20	50	68	0.40	0.54	16.5	32.0	58.0	0	0.79	1.06	50.6

NOTES:
- Nominal Duty is in accordance to IEC 60034-1.
- Motor insulation: Class H.
- Due to manufacturing tolerances, there may be deviations from the published values.
- Values are subject to change without prior notice.
- Production test certificates for individual actuator specific loadings and rated torque are available upon request.

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