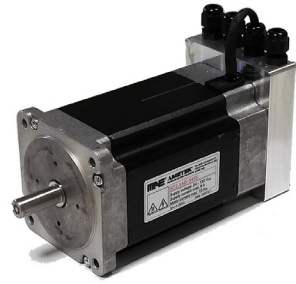
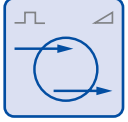



- » 2phase Stepper Motor 1.8° step angle with integrated controller
- » 12-bit absolute magnetic encoder (single turn)
- » CANopen interface CiA 301 and DS402
- » Options available: EtherCAT version, Modbus RTU on RS485 version
- » Configurable resolution ustep/rev (400 to 204 800), max velocity 300 000 ustep/sec
- » Step accumulation with recovery (no step-loss)
- » 32 programmable cycles and 10 programmable sequences including jog (velocity), indexer (position), homing, marker (rotating table)
- » Linear, parabolic and s-curve profiles
- » Commissioning software
- » Configurable digital and analogue I/Os






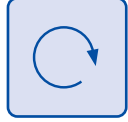
IO mode



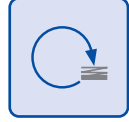
CANopen version available



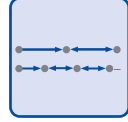
EtherCAT version available




Speed mode



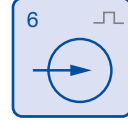
Current mode



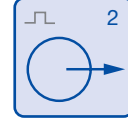
Positioning



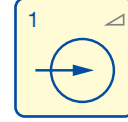
Service interface



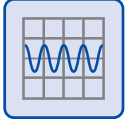
Digital inputs configurable




Digital outputs



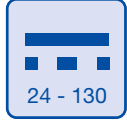
Analog inputs



Oscilloscope software available



Condition monitoring

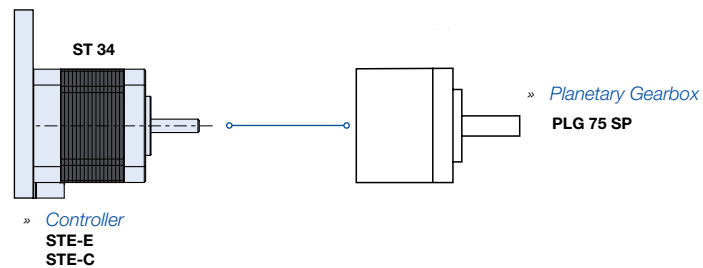


Supply voltage versions 24 - 130

Data		34x37	34x37	34x37	34x48	34x48	34x48	34x55	34x55	34x55	34x62
Rated phase current	A	3.00	5.50	8.00	3.00	5.50	8.00	3.00	5.50	8.00	8.00
Phase resistance	Ohm	1.24	0.42	0.20	1.50	0.46	0.21	1.70	0.55	0.29	0.33
Phase Inductance	mH	12.00	3.60	1.65	12.96	4.00	1.85	20.00	5.60	2.60	3.57
Holding torque Bipolar	Ncm	520	550	550	700	700	700	1000	1000	1000	1200
Detent torque	Ncm	20	20	20	20	20	20	30	30	30	35
Rotor inertia	gcm <sup>2</sup>	3460	3460	3460	3870	3870	3870	4900	4900	4900	8269
Max voltage	VDC	160	160	160	160	160	160	160	160	160	160
Weight	Kg	3.00	3.00	3.00	4.00	4.00	4.00	4.60	4.60	4.60	5.40

all data measured with standard cables 500 mm at 25°C

### Modular System



### Characteristic diagram

