

- » 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

RS485 version available

Speed mode

Current mode

Positioning

Service interface

Digital inputs configurable

Digital outputs

EtherCAT version available

Oscilloscope software available

Conditioning monitoring

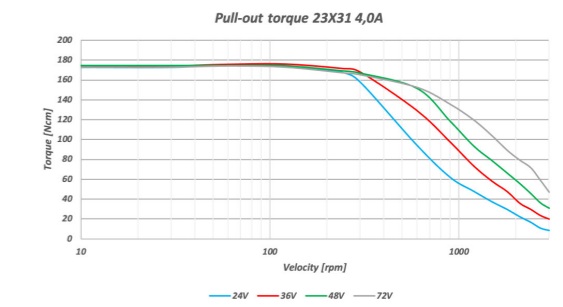
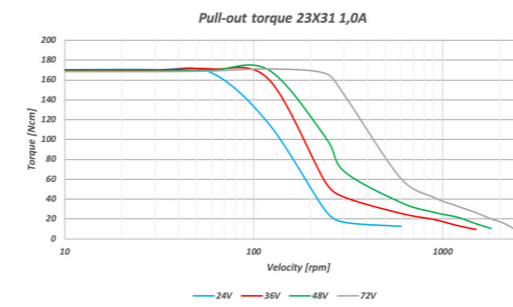
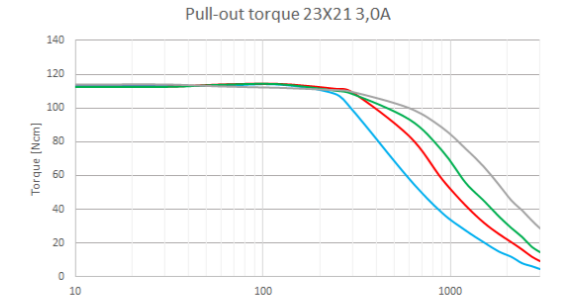
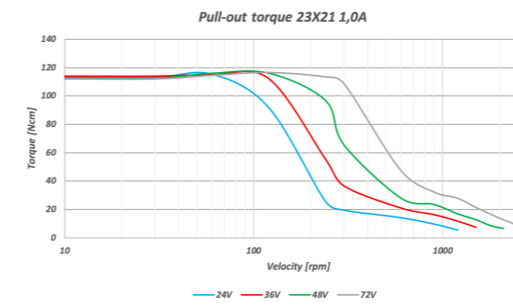
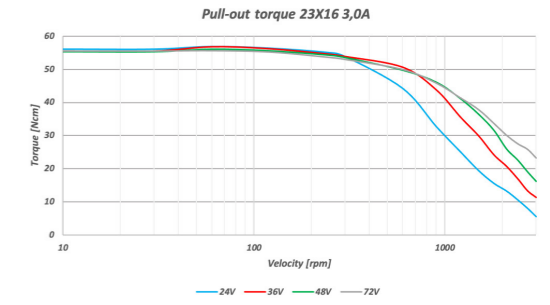
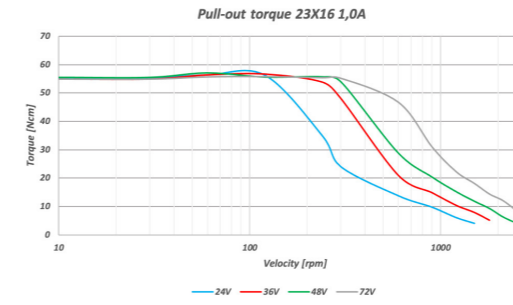
Supply voltage versions 24 - 80

Protection class (up to) IP 65

Data		23x16	23x16	23x16	23x21	23x21	23x21	23x31	23x31	23x31	23x31
Rated phase current	A	1.00	2.00	3.00	1.00	2.00	3.00	1.00	2.00	3.00	4.00
Phase resistance	Ohm	3.67	0.98	0.42	5.14	1.33	0.61	6.26	1.57	0.69	0.43
Phase Inductance	mH	13.51	3.21	1.58	20.75	5.67	2.30	22.35	5.77	2.70	1.66
Holding torque Bipolar	Ncm	70	70	70	140	140	140	200	200	200	210
Detent torque	Ncm	3	3	3	5	5	6	8	7	7	7
Rotor inertia	gcm <sup>2</sup>	77	77	77	209	209	209	335	335	335	335
Max voltage	VDC	80	80	80	80	80	80	80	80	80	80
Weight	Kg	0.46	0.46	0.46	0.7	0.7	0.7	1.05	1.05	1.05	1.05

all data measured with standard cables 300 mm at 25°C

Characteristic diagram



Modular System

