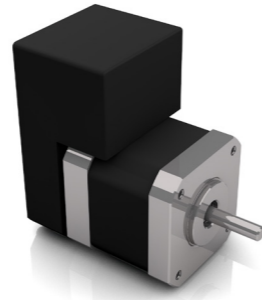


- » 2phase Stepper Motor 1.8° step angle with integrated controller
- » 12-bit absolute magnetic encoder (single turn)
- » CANopen interface CiA 301 and DS402
- » Options available: EtherCAT version, Modbus RTU on RS485 version
- » Configurable resolution ustep/rev (400 to 204 800), max velocity 300 000 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

Oscilloscope software available

Condition monitoring

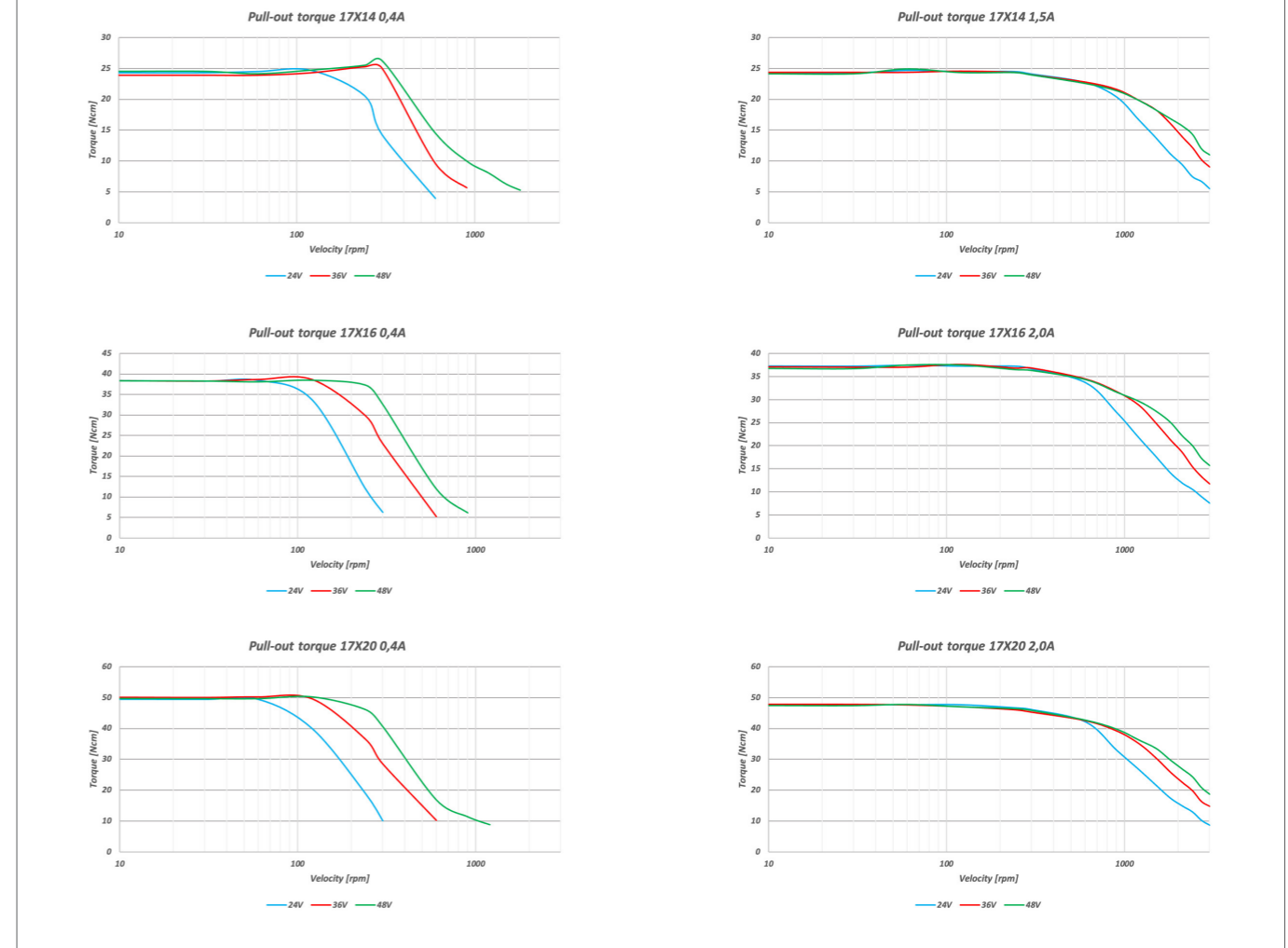
24 - 80

Supply voltage versions

Data		17x14	17x14	17x14	17x16	17x16	17x16	17x20	17x20	17x20
Rated phase current	A	0.40	1.00	1.50	0.40	1.00	2.00	0.40	1.00	2.00
Phase resistance	Ohm	17.90	3.45	1.49	21.21	3.38	0.96	24.88	3.87	1.09
Phase inductance	mH	26.25	4.82	2.02	38.95	6.53	1.69	43.80	7.05	1.64
Holding torque bipolar	Ncm	27	29	28	46	46	46	57	57	57
Detent torque	Ncm	2	2	2	2	2	2	2.5	2.5	2.5
Rotor inertia	gcm ²	40	40	40	57	57	57	83	83	83
Max voltage	VDC	50	50	50	50	50	50	50	50	50
Weight	Kg	0.26	0.26	0.26	0.32	0.32	0.32	0.42	0.42	0.42

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

Characteristic diagram



Modular System

