

PD2-C

Plug & Drive High-Pole DC Servo Motor - NEMA 17



OPTIONS



SOFTWARE



TECHNICAL DATA

Operating voltage	12-48 VDC +/-5%
Phase current eff.	1.8 A
RMS for 1 S	3 A
Integrated encoder	Magnetic single-turn absolute encoder, 1024 PPR
Operating modes	Torque, speed, position, homing, cyclic synchronous setpoint
Protection circuit	Over-/under voltage protection, over temperature protection (>75°C), reverse polarity protection (Short-circuit +UB and GND for reverse polarity, a fuse between the power supply and the controller is necessary!)
Version	01 (USB)
Target value specification/programming	Clock-direction, analog input, NanoJ V2, USB
Inputs	3 digital inputs (24 V), 3 digital inputs (5 V or 24 V, single ended or differential, configured by software), 1 analog input 10 Bit, 0-10 V or 0-20 mA (configured by software)
Outputs	2 transistor outputs (Open Drain, max. 24 V/100 mA) 1 10 VDC output (max. 200 mA)
Version	08 (CAN)
Target value specification/programming	CANopen, NanoJ V2
Inputs	4 digital inputs (5 V or 24 V, separately configured by software), 1 analog input 10 Bit, 0-10 V or 0-20 mA (configured by software)
Outputs	3 transistor outputs (Open Drain, max. 24 V/100 mA), 1 output 10 VDC (max. 200 mA)

VERSIONS

Type	Holding Torque Ncm	Length „A“ mm	Weight kg
PD2-C4118L1804	50	74	0.5

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ORDER IDENTIFIER



PD2-C4118L1804-E-
01 = USB Interface
08 = CANopen Interface

ACCESSORIES



Z-K4700/50 Charging Capacitor
ZK-MICROUSB USB Cable
ZK-PD4-C-CAN-4-500-S
CANopen Cable

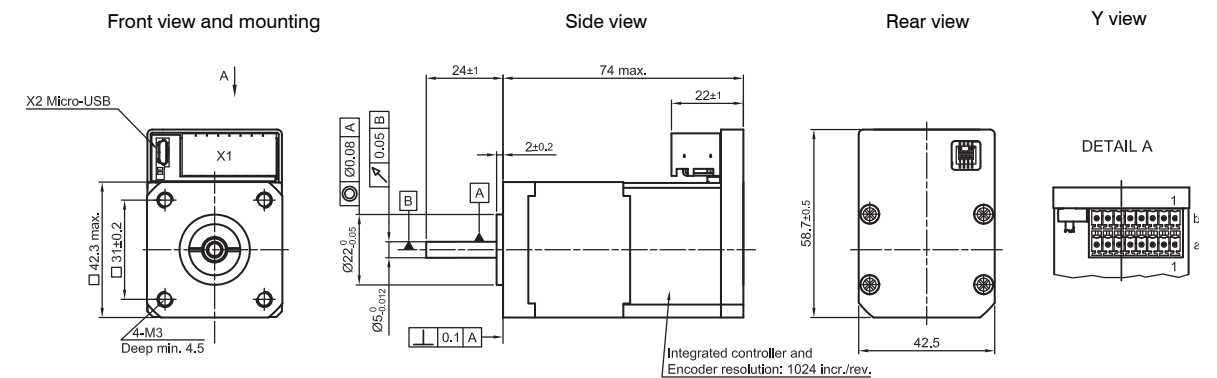
CAUTION



We recommend using a back-up capacitor of sufficient size to stabilize the operating voltage.

DIMENSIONS (IN MM)

PD2-C4118L1804-E-01



PD2-C4118L1804-E-08

