

Drive

For Mini Linear Units MGBS & MGTB and MCE & MSCE
Mini Electric Cylinders & Sliders.

See documentation below for more information.

Dimensions in mm.

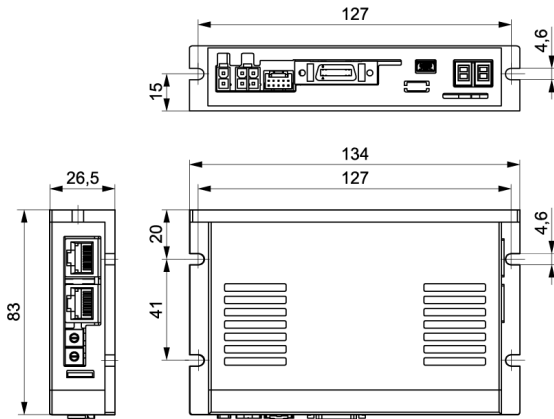
Duty Cycle: 100 %



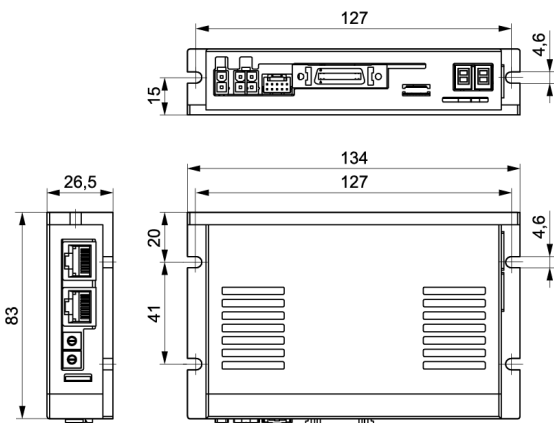


General Data

Stepper drive EtherCAT protocol



Stepper drive Ethernet based communication



Designation	Current Consumption (mA)	Rotational Speed (rpm)	Supported Resolution (ppr)	Input Signals	Output Signals	Vibration Resistance (G)
			5000, 6400, 7200, 10000	ORIGIN) ; 9 Programmable inputs (Photocoupler)	programmable outputs (Photocoupler) ; Brake	
STDF-28-A-PD	Max. 500	0 ~ 3000	500, 1000, 1600, 2000, 3600, 5000, 6400, 7200, 10000	Position command pulse ; Servo on/off ; Alarm reset (Photocoupler input)	In-position ; Alarm (Photocoupler output) ; Encoder signal, brake	0.5
STDF-42-A-EC	Max. 500	0 ~ 3000	500, 1000, 1600, 2000, 3600, 5000, 6400, 7200, 10000	3 dedicated inputs (LIMIT+, LIMIT-, ORIGIN) ; 7 user inputs (Photocoupler)	6 user outputs (Photocoupler) ; Brake	0.5
STDF-42-A-EN	Max. 500	0 ~ 3000	500, 1000, 1600, 2000, 3600, 5000, 6400, 7200, 10000	3 dedicated inputs (LIMIT+, LIMIT-, ORIGIN) ; 9 Programmable inputs (Photocoupler)	1 dedicated output (Compare out) ; 9 programmable outputs (Photocoupler) ; Brake	0.5
STDF-42-A-PD	Max. 500	0 ~ 3000	500, 1000, 1600, 2000, 3600, 5000, 6400, 7200, 10000	Position command pulse ; Servo on/off ; Alarm reset (Photocoupler input)	In-position ; Alarm (Photocoupler output) ; Encoder signal, brake	0.5
STDF-56-A-EC	Max. 500	0 ~ 3000	500, 1000, 1600, 2000, 3600, 5000, 6400, 7200, 10000	3 dedicated inputs (LIMIT+, LIMIT-, ORIGIN) ; 7 user inputs (Photocoupler)	6 user outputs (Photocoupler) ; Brake	0.5
STDF-56-A-EN	Max. 500	0 ~ 3000	500, 1000, 1600, 2000, 3600, 5000, 6400, 7200, 10000	3 dedicated inputs (LIMIT+, LIMIT-, ORIGIN) ; 9 Programmable inputs (Photocoupler)	1 dedicated output (Compare out) ; 9 programmable outputs (Photocoupler) ; Brake	0.5
STDF-56-A-PD	Max. 500	0 ~ 3000	500, 1000, 1600, 2000, 3600, 5000, 6400, 7200, 10000	Position command pulse ; Servo on/off ; Alarm reset (Photocoupler input)	In-position ; Alarm (Photocoupler output) ; Encoder signal, brake	0.5
STDL-040-C-PN	Max. 160	Depending on stepper motor	-	8 Digital inputs : 1 Analog input ; 1 Encoder input A, B, I	3 Digital outputs	<1

Designation	Motor Current (A)
STDF-28-A-EC	-
STDF-28-A-EN	-
STDF-28-A-PD	-
STDF-42-A-EC	-
STDF-42-A-EN	-
STDF-42-A-PD	-
STDF-56-A-EC	-
STDF-56-A-EN	-
STDF-56-A-PD	-
STDL-040-C-PN	1.0-4.5