

Electromechanical Actuator [EMA]



PRODUCT CLASSIFICATION

Smart products

- Proportional valves
- Directional valves
- Special designs

Name

EHA	2,5–5 l/min based on PPCD 04
EHA	10 l/min based on PPCD 05
EMA	

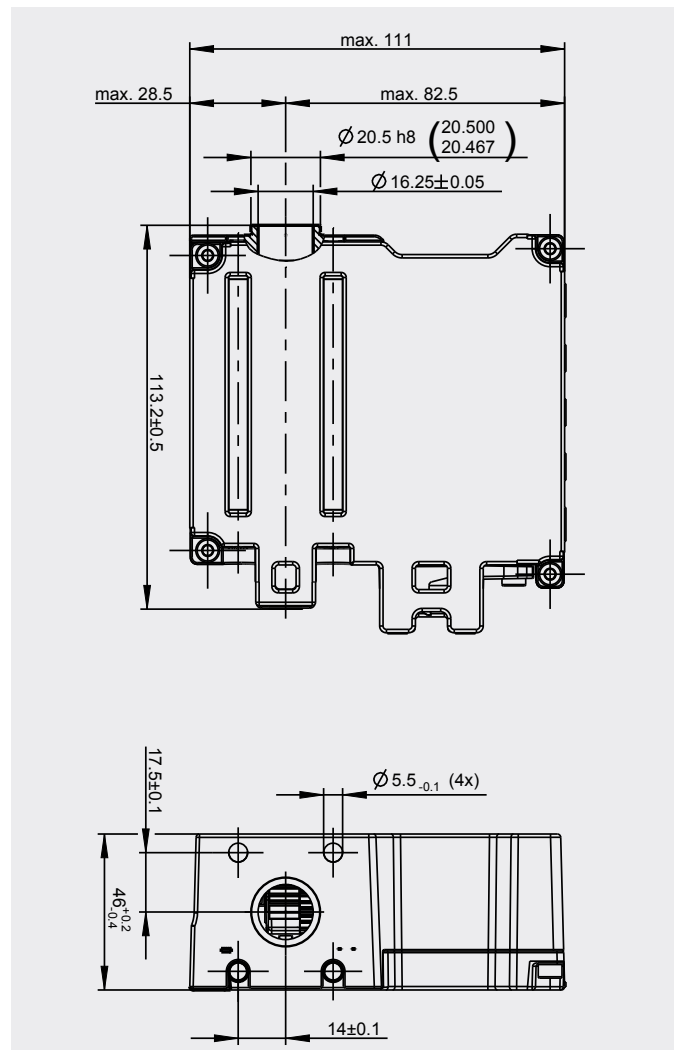
ELECTRICAL DATA

Voltage	12 V	24 V
Operating voltage	Umin = 9 V Umax = 16,5 V	Umin = 16 V Umax = 32 V
Idle current (without holding current)	80 mA	60 mA
Holding current		
Extend / Retract	~ 830 mA	500 mA
Neutral	~ 540 mA	300 mA

PERFORMANCE DATA

Temperature range for normal operation	-40 °C to +100 °C (ambient temp. with circulating air. EMA mounted to a sectional valve)
Temperature range for reduced operation	+100 °C to +120 °C (ambient temp. with circulating air. EMA mounted to a sectional valve)
Working stroke	22 mm
Speed (in normal mode)	80 mm/s
Minimum actuating force provided by the actuator (at a Voltage > 10.8)	240 N @ 80 mm/s 280 N @ 60 mm/s 340 N @ 10 mm/s
Holding force	250 N
Repeatability (at constant temperature conditions)	± 6 µm
Resolution	6 µm

ACTUATOR AND INTERFACE (All dimensions in mm)



CONTACT DETAILS



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