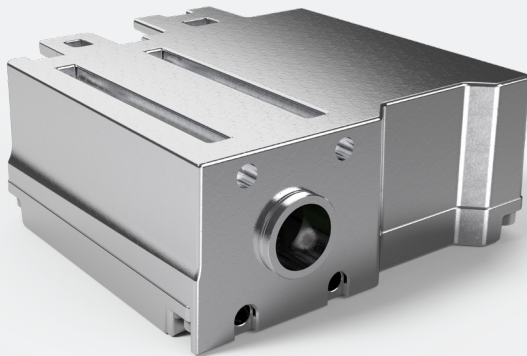


Electromechanical Actuator [EMA]

(preliminary Feb. 2020)



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

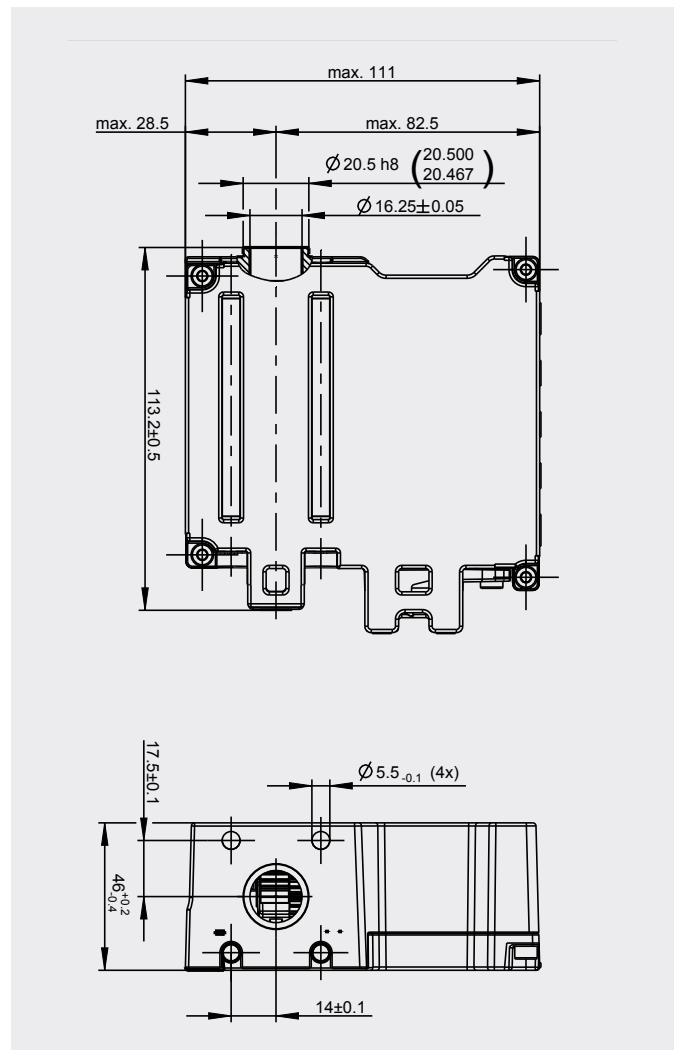
Operating voltage	Umin = 9 ... Umax = 16,5 [V]
Operating current	Nominal: tbd. % [A]

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 Fmin (at a Voltage > 10.8)	240 N @ 80 mm/s 280 N @ 60 mm/s 340 N @ 10 mm/s
Holding force Fh	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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DISCLAIMER



The presented information is based on current knowledge and provides only non-binding information to the customer. Any liability in connection with this information is excluded. It is the responsibility of the customer to determine the suitability and appropriateness of the product for his intended purpose. We reserve the right to change the product with regard to technical progress and new developments.