

# Electromechanical Actuator [EMA]

(preliminary Sept. 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
<b>EMA</b>	

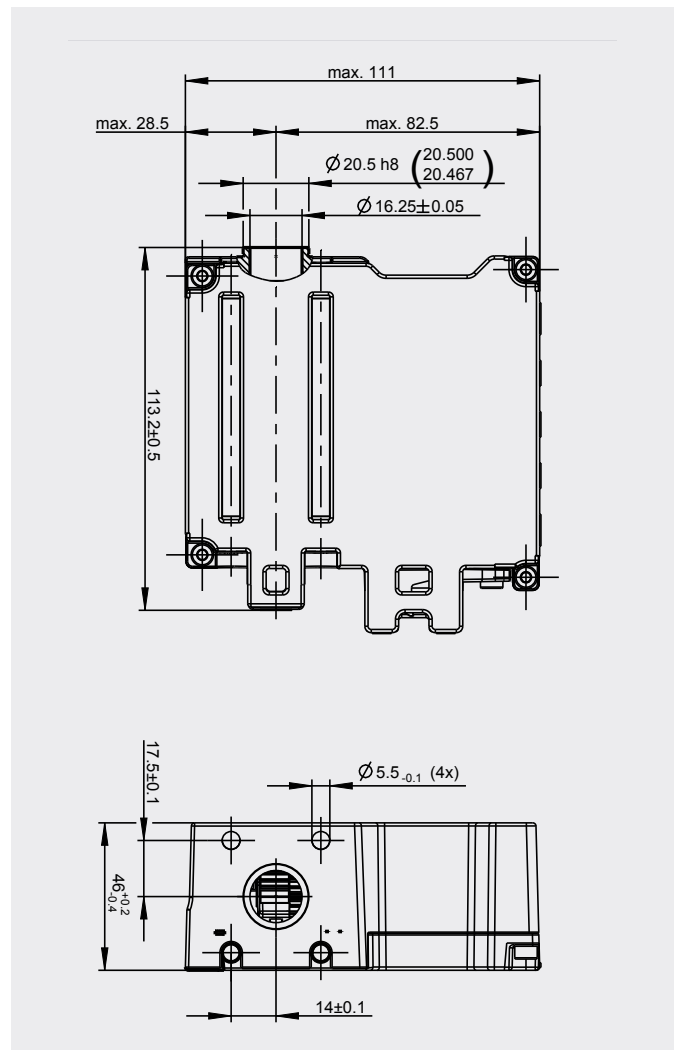
## ELECTRICAL DATA

<b>Operating voltage</b>	Umin = 9 ... Umax = 16,5 [V]
<b>Idle current</b> (without holding current)	80 [mA]
<b>Holding current</b>	
Extend / Retract	~ 830 [mA]
Neutral	~ 540 [mA]

## PERFORMANCE DATA

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

## ACTUATOR AND INTERFACE (All dimensions in mm)



## CONTACT DETAILS



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