

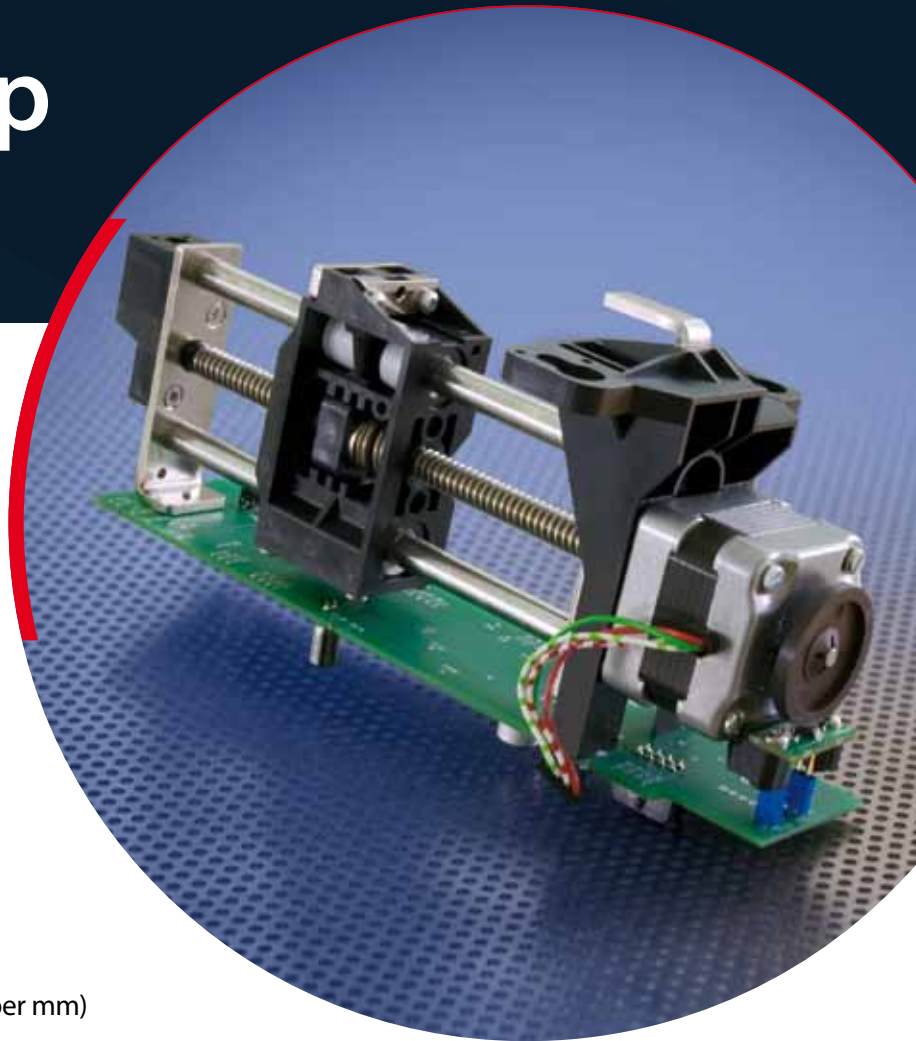
Mechatronic System Syringe pump drive unit



SONCEBOZ
from mind to motion

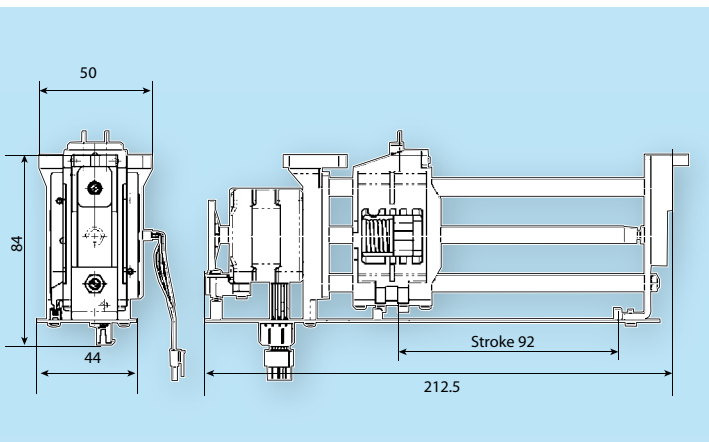
Features

| | |
|------------------------------|--|
| Force | up to 120 N at max speed |
| Travel | 92mm (up to 100mm) |
| Linear speed | 6mm/s (up to 10mm/s) |
| Resolution | 0.01mm per full step |
| Operating temperature | 0 to 60°C |
| Humidity | 0 to 90% RH non condensing |
| Electrical interface | Step motor: 2 phases Power supply: 3 to 5 VDC / Gnd Optical sensors: open collector Encoder: TTL output |
| Encoder | speed and direction (16 pulses per mm) |
| Weight | 600g |



Benefits

- High positioning precision thank to step motor technology
- Smooth linear movement thank to low friction mechanics
- End of stroke detection with optical sensors
- Magnetic encoder for redundancy operation
- Fully tested and validated module



Our core competencies consist of design, development and production of mechatronic drive systems and electric motors that operate in harsh environments. We are committed to improving safety, decreasing energy consumption and minimizing the impact on the environment. Our focus on innovation, best in class quality and exceptional service is our key to success for worldwide OEM customers and their suppliers.

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