

Single Actuator

ilcoDrive EZ

Fields of application

The reasonable option for homecare and long term care applications. As the product is certified to DIN EN 60601-1:2006 it is a great actuator for price sensitive markets with lower force requirements. Combined with the attachable *ilcoPower DP* control box it is a great solution for various applications in different, price sensitive market places.



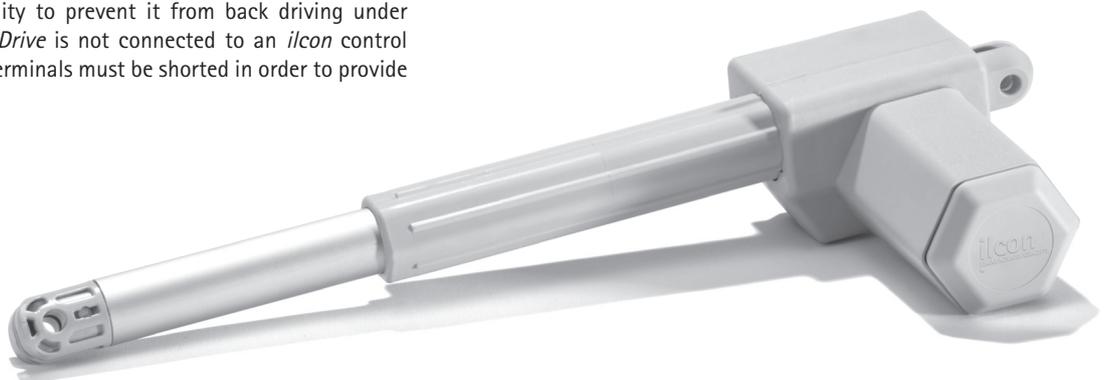
Product details

- Maximum force up to 4,000N in push and up to 2,000N in pull direction
- 24V DC motor with permanent magnets
 - OPTION: 18V / 12V DC motors to achieve faster speeds
- Anodized Aluminum pusher tube (Ø 30mm)
- Plastic profile for increased stability when in extended position
- Various spindle options to fit the application's requirements in regard to strength, speed and force
- PA 6.6 plastic housing to protect internal components
- Pusher tube plastic forkhead with Ø 10mm holes
 - OPTION: different hole sizes
- Housing plastic forkhead with Ø 10mm holes
 - OPTION: different hole sizes
- Integrated coiled cable (stretched length 1,500mm) with internal strain relief and LSP or DIN plug
 - OPTION: Different cable length and plugs
- Actuator housing and cables in RAL 9005 (black)
- Integrated high quality *Cherry* limit switches for highest safety requirements
- Elegant design with minimal installation length of 180mm
- Protection class IPx4
- When connected to an *ilcoPower* control box the motor terminals of all *ilcoDrive* single actuators are short-circuited while not in use. In this manner, the actuator has an increased self-locking ability to prevent it from back driving under load. If the *ilcoDrive* is not connected to an *ilcon* control box the motor terminals must be shorted in order to provide this feature.

Usage / Working conditions

- Duty cycle: Max. 10% (2 min ON, 18 min OFF), max 5 cycles per minute
- Relative humidity from 25% to 85% (no condensation)
- Ambient temperature from 5°C to 35°C
- Atmospheric pressure from 700hPa to 1060hPa (level of ≤3.000m)
- Avoid mechanical shocks and damage
- Do not store outside
- Store in dust-free environment

Full compliance with DIN EN 60601-1:2006

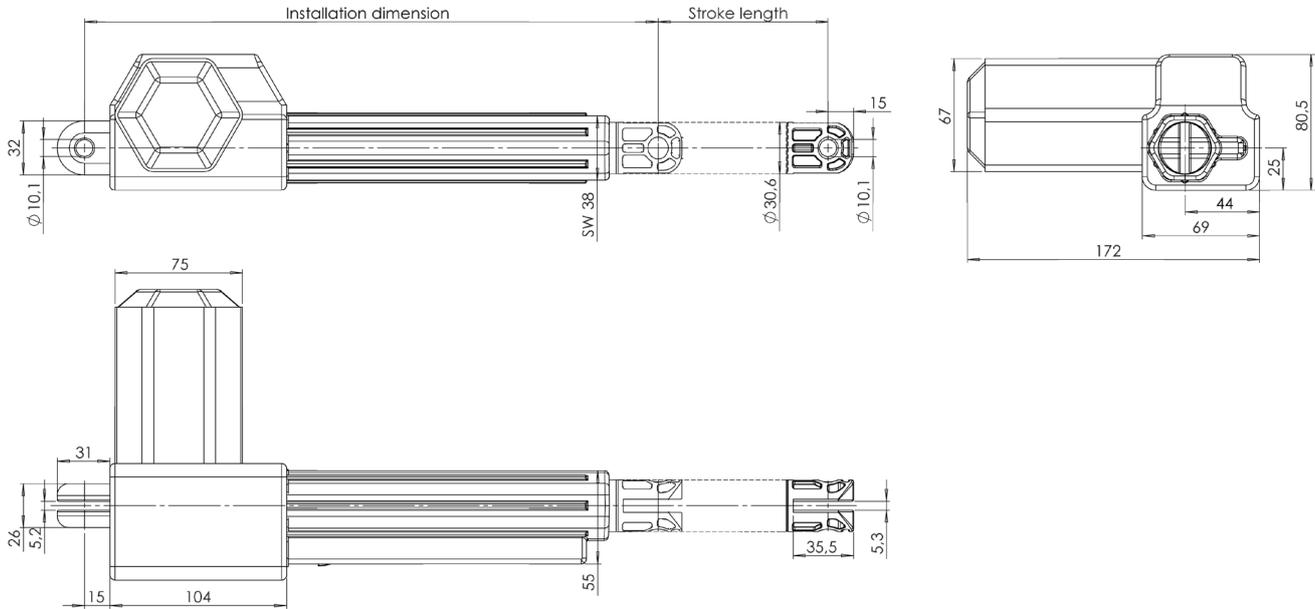


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ilcon
LINEAR ACTUATOR CONCEPTS

Dimensions (all in MM)



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For more detailed data sheets, please contact our Sales Department. We would be pleased to provide a documentation according to your product specifications. Mistakes and printing errors excepted. If you have any questions, please do not hesitate to contact us. *Dated: 05/2014*