

Versatile single drive for nursing beds

The MEGAMAT 2 the compact and stable construction is impressive. Its push force is as much as 6,000 Newton and its pull force is as much as 3,000 Newton. Its adjustment speed is 28 mm/s and its stroke length is up to max. 425 mm.

Many configuration options

The versatile single drive features not only an optimum price-performance ratio, but also many configuration options: these include clevises and a die-cast zinc gear adapter head, safety limit switch, additional limit switch and a Hall sensor. On request, manual emergency lowering can be integrated. Thanks to its characteristics, the MEGAMAT 2 is ideal for beds in nursing facilities and clinics.

Advantages at a glance

- Compact and stable construction
- Integrated manual emergency lowering optional
- Optimum price-performance ratio
- Manual emergency lowering
- Many configuration options

- Load capacity: max. 6000 N push / max. 3000 N pull
- Adjustment speed: max. 28 mm/sec. *
- Stroke length: max. 425 mm
- Equipment options: clevises and gear adapter head made of die cast zinc, safety limit switch, additional limit switch, Hall sensor

* depending on drive configuration at constant 24/29 V DC without load



Standard configurations

Performance data

| | |
|-------------------------|---|
| Load capacity | max. 6000 N push max. 3000 N pull |
| Adjustment speed 1 | max. 28 mm/sec. |
| Stroke length | up to 425 mm |
| Fitting dimension (B) 2 | min. 163 mm + stroke |
| Duty cycle | 2/18 min. or 10 %, max. 5 switching cycles per minute |
| Motor voltage | maintenance-free 24 V DC motors |

Components

| | |
|-----------------------|--|
| Limit switch | with micro switch |
| Stroke pipe clevis | drill hole: 10/12 mm recess: 5/8/10 mm |
| Gear clevis | adjustable (4 x 90°) drill hole: 10/12 mm recess: 5/8/10 mm |
| Stroke pipe | aluminium stepless adjustable |
| Guidance profile | aluminium untreated |
| Housing colour | black RAL 9005, light grey RAL 7035 |
| Motor connecting line | grey, spiralled, 455 mm, LSP-plug, PVC grey, spiralled, 160 mm, LSP-plug, PVC black, spiralled, 455 mm, LSP-plug, PVC grey, straight, 1660 mm, LSP-plug, PVC, UL black, straight, 550 mm, 8-pole DIN-plug, PVC |

Further data

| | |
|---------------------|---------------|
| Protection type | IP20 |
| Protection class | III |
| Relative humidity | 30% - 75% |
| Ambient temperature | +10°C - +40°C |

Extra configurations

Performance data

| | |
|--------------|--------------------|
| Control type | relay-free control |
|--------------|--------------------|

Components

| | |
|-----------------------|---|
| Position feedback | Hall sensor |
| Clevis | stroke pipe clevis made of die cast gear adapter head made of die cast gear clevis made of die cast |
| Stroke pipe | aluminium anodised, steel powder-coated |
| Motor connecting line | pluggable |

Further data

Equipment options

safety limit switch, additional limit switch, safety spindle nut

1 depending on drive configuration at constant 24/29 V DC without load

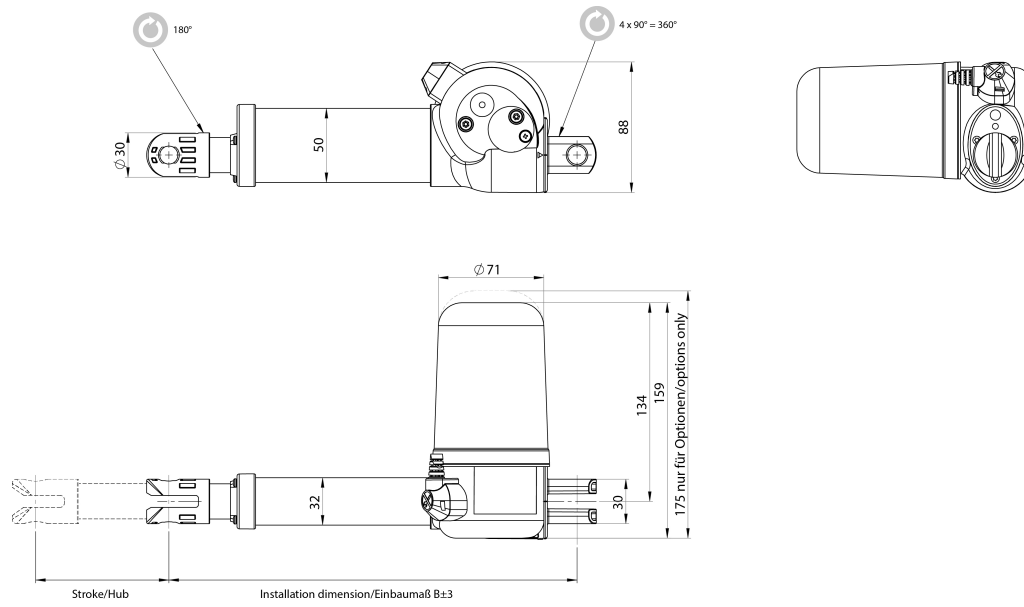
2 see technical drawings

MEGAMAT 2



A Phoenix Mecano Brand

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