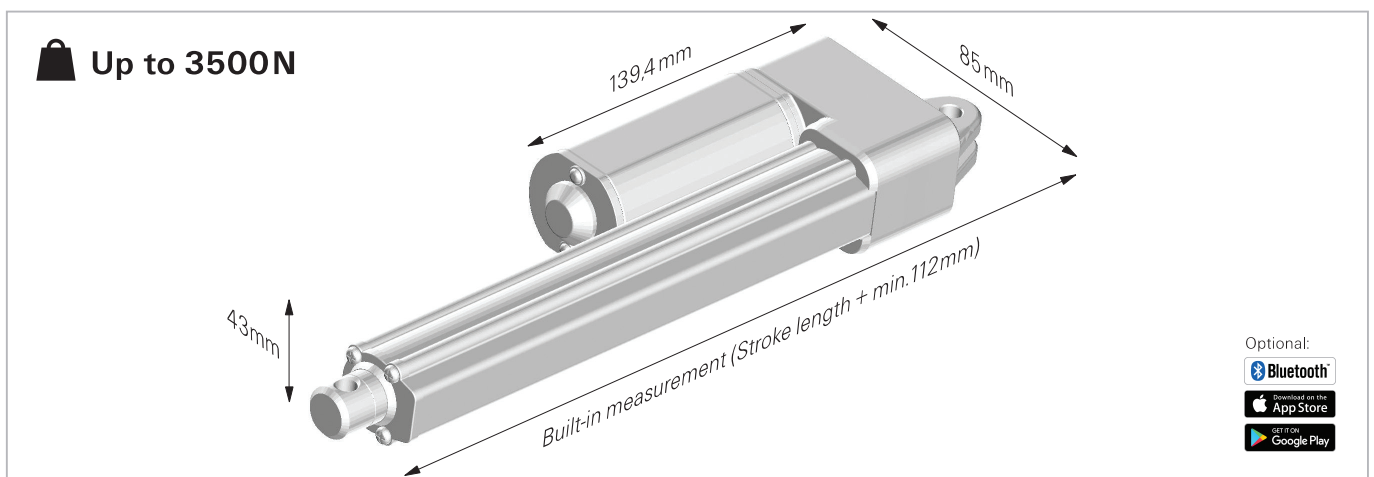


Linear Actuator, Low-Noise

MLA16



Linear Actuator MLA16

Low-Noise compact actuator for medical applications.

Movetec's MLA16 is designed for low-noise medical applications and where a compact actuator is needed. MLA16 is available with IP54 or IP66 protection. The actuator is designed for loads of max. 3500N in push/pull. Speed up to 23,5mm/s without load (1500N). MLA16 - high stability and a reasonable price level. Plug & Play!

Plug & Play: You can also get MLA16 as a complete Plug & Play solution, including one or more MLA16 actuators, a Movetec control box 230V AC, all cables and a control panel. By selecting a control box with Bluetooth®, MLA16 are easily controlled by iPhone® or Android®-Smartphone.

Material specifications:

Outer profile: Anodized Aluminium
 Spindle: Carbon Steel/Stainless Steel
 Spindle nut: POM Derivate
 Front and rear attachments, casting/U clevis: Aluminium/steel
 Actuator drive parts: Aluminium, Steel, ABS, POM, PP and others.

Technical data:

Max. load: 3500N in push/pull
 Noise: Very Low-Noise
 Max. speed without load: 23,5mm/s (1500N in push or pull)
 Stroke length: 50-500mm (special versions up to 1000mm possible)
 Installation length/Built-in measurement: Stroke length + min. 112mm
 Size: 43mm x 85mm x length
 Attachment front: Aluminium casting, no slot, or U-clevis
 Attachment rear: Aluminium casting, U-clevis
 Front- and rear attachment holes: Ø6,4mm, Ø8mm or Ø10mm
 Operation temperature: +5 °C - +45 °C
 Power supply/Voltage: 12/24V DC
 IP Rating: Without protection, with IP54- or IP66 protection
 Intermittents: 25%
 Double Hall-sensors: Yes
 Control box: More options, see www.movetec.dk
 Synchronized drive: Max. 12x actuators in synchronized drive
 Control panel: More options, see www.movetec.dk
 Certificates: EN60601-1 and IEC60601-1 compliant
Options: Bluetooth® controlling for iPhone®- and Android® Smartphones. Potentiometer. IP54 or IP66 protection. 12V DC. Stroke length up to 1000mm.

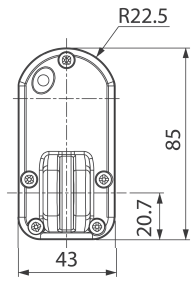
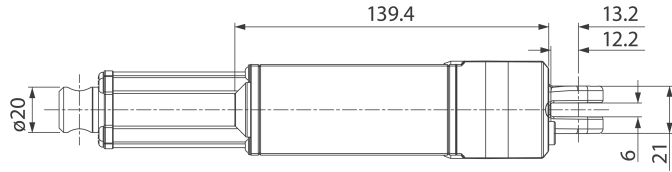
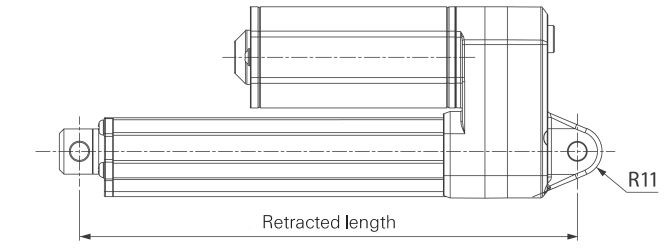
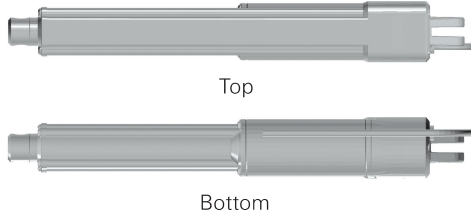
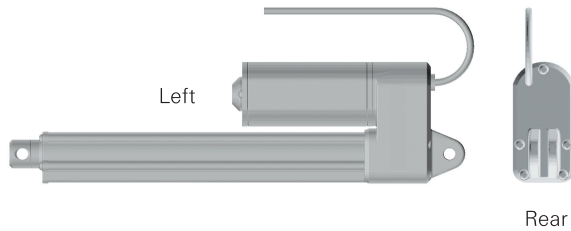
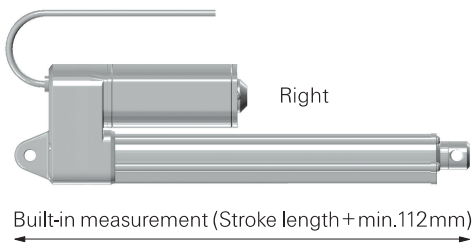
MOVETEC



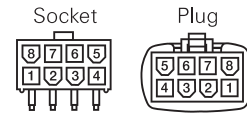
True Innovative Moving Technology

Linear Actuator, Low-Noise

MLA16



Front- and rear attachment holes:
Ø6,4mm, Ø8mm or Ø10mm



Molex plugs/connections:

Product	1	2	3	4	5	6	7	8
Color	White	Red		Green	Blue	Orange	Black	Yellow
Dual Hall	Hall 1	+5V	NC	Motor+	Hall 2	NC	Ground	Motor-

Control boxes and control panels:

MLA16 can be used with all Movetec control boxes and Movetec control panels. Some control boxes can also be programmed for customer-specific functions - please contact us with your wishes, we are looking forward to your call: +45 64 89 28 05.

CAD-drawings:

You can download 3D-drawings (STEP-Data) for MLA 16 for your CAD-Program or as a PDF-file on our homepage.

Manuals, installation instructions, approvals/certificates, Safety instructions etc.:

Installation manuals, assembly- and installation instructions, warnings, instructional videos and further information, can be found on our homepage: www.movetec.dk

Actuator data:

Gear/drive-type no.	Load, Push N	Load, Pull N	Typ. power consumption by load A	Speed, without load (32 VDC) mm/s	Stroke length (standard) in mm	Built-in measurement in mm
A	2500	2500	2,8	5,2	50 - 500	Stroke length + min.112mm
B	2000	2000	2,8	8,3	50 - 500	Stroke length + min.112mm
C	1500	1500	2,8	11,9	50 - 500	Stroke length + min.112mm
D	1000	1000	2,8	17,7	50 - 500	Stroke length + min.112mm
G	3500	3500	4,7	12,0	50 - 500	Stroke length + min.112mm
J	2000	2000	3,2	17,0	50 - 500	Stroke length + min.112mm
K	1500	1500	3,5	23,5	50 - 500	Stroke length + min.112mm



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Further information → www.movetec.dk



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