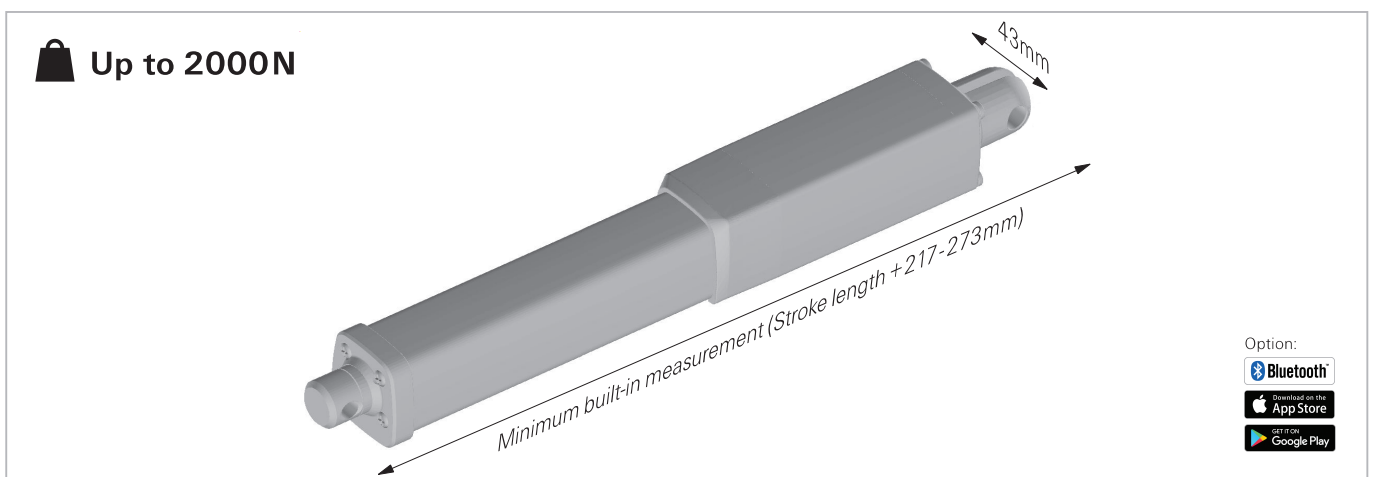


Linear Inline Aluminium Actuator

MLA17



Inline Aluminium Actuator MLA17

Small installation dimensions, for industrial applications.

The Inline Linear Actuator, the MLA17 series from Movetec is developed for industrial applications with low weight loads and where a protection from dust and liquids (up to IP69K) is required. It is best suited for applications with visual or compact installation dimensions requirements. Hall sensors are optional. Suitable for constructions that require small installation dimensions.

Plug & Play: MLA17 is available as a plug & play solution, complete with one or more MLA17 actuators, a Movetec control box 230VAC, all cables and a control panel.

By selecting a control box with Bluetooth®, MLA17 are easily controlled by iPhone® or Android®-Smartphone.

Material specifications:

Outer profile: Anodized Aluminium
 Spindle/Piston rod: Carbon Steel/Aluminum/Stainless Steel
 Friction part: POM derivate
 Other materials of the actuator: Aluminum, Steel, ABS, POM, PP
 Actuator drive parts: Aluminium, Steel, ABS, POM, PP and others
 Housing, Socket, Plug, Cable: PC, PVC and other plastics

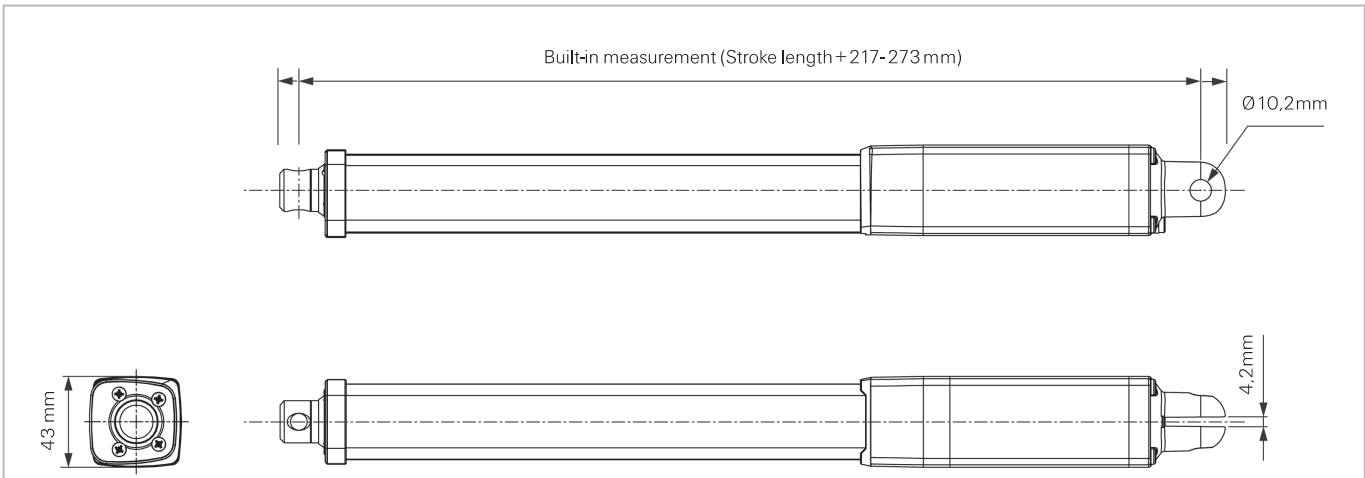
Technical data:

Max. load: 2000 N (push and pull)
 Max. speed without load: 23,5mm/s
 Max. speed with load: 19mm/s (by 500N/push and pull)
 Stroke length: 20-500mm (special versions up to 1000mm possible)
 Built-in measurement/Install. length: Stroke length + 217-273mm
 Size, outer profile/housing: 43mm x 43mm 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
 Power supply/Voltage: 24V DC/Option 12V DC
 Intermittens: 10%
 Double Hall-sensors: Yes, option
 Operation temperature: -5 °C - +65 °C/By full load: +5 °C - +45 °C
 IP Rating: Without protection, with IP54 to IP69K protection
 Certificates: EN60601-1 conform., UL73
 Color: Black or grey (Pantone 428C)
 Control box: More options, see www.movetec.dk
 Synchronized drive: Max. 12x actuators in synchronized drive
 Control panel: More options, see www.movetec.dk
Options: Bluetooth® controlling for iPhone®- and Android® Smartphones. Potentiometer. Hall-sensors. 12V DC. Stroke length up to 1000mm. IP Rating: Up to IP69K protection.



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All dimensions in mm.

Control boxes and control panels:

MLA17 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:

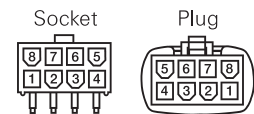
You can download 3D-drawings (STEP-Data) for MLA17 for your CAD-Program or as a PDF-file on our homepage.

Actuator data:

Gear/drive-type no.	Load, Push N	Load, Pull N	Load, Brake N	Typ. power consumption without load A	Typ. power consumption by load A	Speed, without load (32 VDC) mm/s	Stroke length (standard) in mm	Built-in measurement* in mm
B	2000	2000	2000	1,0	3,0	7,0	20 - 500	Stroke length+217-273
C	1500	1500	1500	1,0	3,0	10,0	20 - 500	Stroke length+217-273
D	1000	1000	1000	1,0	3,0	14,5	20 - 500	Stroke length+217-273
E	500	500	500	1,0	3,0	23,5	20 - 500	Stroke length+217-273

Standard stroke length: 20-500mm (special versions up to 1000mm possible). *By stroke lengths over 500mm: +5mm for each 50mm

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-

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



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Further information → www.movetec.dk



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