Linear actuators *Linearantriebe*

SIGARO LINE

The thinnest solution for linear motion applications.
Up to 3.000N.

Die filigrane Lösung für Applikationen im Bereich der elektrischen Antriebstechnik. Leistungen bis 3.000N.

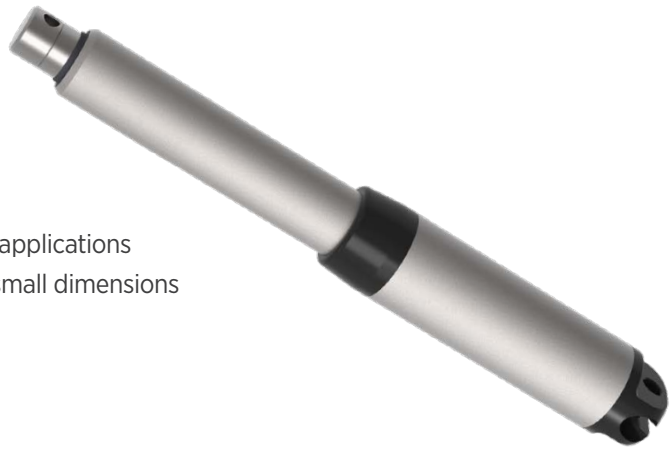
DC

AL-01
AL-01/M
AL-3
AL-3/M

sir

AL-01

DC



Just 35mm body diameter
Smooth design ideal for in-view applications
High performances despite the small dimensions

Nur 35 mm Außendurchmesser
Optisch ansprechendes Design
Ideal für sichtbare Applikationen
Höchste Leistungen trotz kleinster Dimensionen

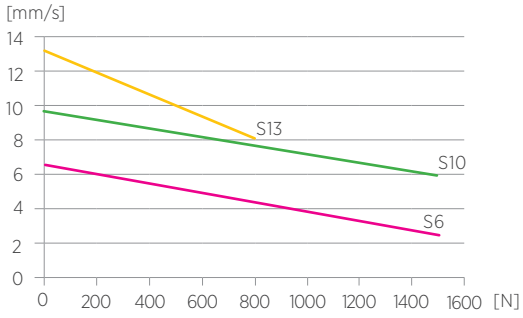
Features | *Technische Merkmale*	
DC Motors | *DC Motoren*	12÷24÷36 V
Aluminium rod | *Alu Kolbenstange*	
Standard protection | *Schutzart*	IP44
Duty cycle | *Einschaltdauer*	S3 10% based on 10 min. | *S3 10% basierend auf 10 min.*
Operating temperature | *Betriebstemperatur*	-10C° ÷ +60C°

Options | *Optionen*
Encoder | *Permanente, digitale Lagerückmeldung*
Stainless steel rod | *Kolbenstange in Edelstahl*
Increased IP | *Erhöhte Schutzart*
Customizable stroke and retracted length | *Kundenspezifische Hübe und eingefahrene Längen*

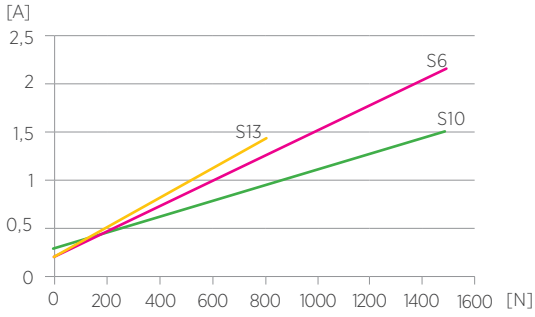
Max thrust Push/Pull [N] *Max Kraft Druck / Zug*	**Max speed [mm/s]** *Max Geschw.*	**Stroke length [mm]** *Hublänge*	**Installation dim. [mm]** *Einbaulänge* **(D)**
1500	**6**	50÷300*	stroke/Hub + 157
800	**13**		stroke/Hub + 157
1500	**10**		stroke/Hub + 167

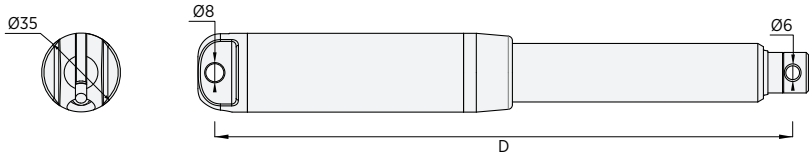
*Longer stroke available upon request | *Längere Hübe auf Anfrage möglich*

Speed vs. Load | *Geschwindigkeit / Kraft*



Current vs. Load | *Stromaufnahme / Kraft*





AL-01/M

DC

Thin in-line actuator with integrated end-stroke limit switches

Smooth design ideal for in-view applications

High performances despite the small dimensions

Schmaler In-Line Linearantrieb mit Integrierten Endschaltern

Optisch ansprechendes Design

Ideal für sichtbare Applikationen

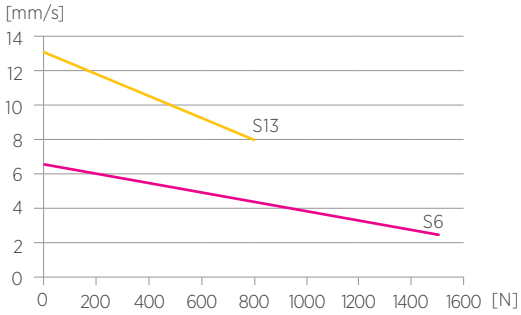
Höchste Leistungen trotz kompakter Dimensionen

Features | *Technische Merkmale*	
DC Motors | *DC Motoren*	12÷24÷36 V
Aluminium rod | *Alu Kolbenstange*	
Standard protection | *Schutzart*	IP44
Duty cycle | *Einschaltdauer*	S3 10% based on 10 min. | *S3 10% basierend auf 10 min.*
Operating temperature | *Betriebstemperatur*	-10C° ÷ +60C°

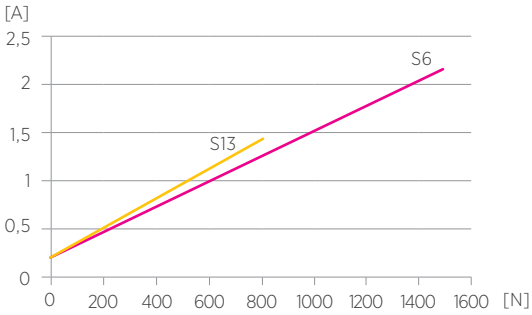
Options | *Optionen*
Encoder | *Permanente, digitale Lagerückmeldung*
Stainless steel rod | *Kolbenstange in Edelstahl*
Increased IP | *Erhöhte Schutzart*
Customizable stroke and retracted length | *Kundenspezifische Hübe und eingefahrene Längen*

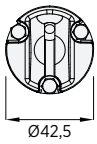
Max thrust Push/Pull [N] *Max Kraft Druck / Zug*	Max speed [mm/s] *Max Geschw.*	Stroke length [mm] *Hublänge*	Installation dim. [mm] *Einbaulänge* (D)
1500	**6**	50÷300*	stroke/Hub + 186
800	**13**		
*Longer stroke available upon request | *Längere Hübe auf Anfrage möglich*			

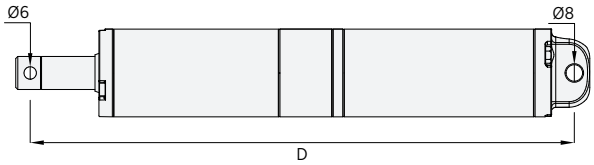
Speed vs. Load | ***Geschwindigkeit / Kraft***



Current vs. Load | ***Stromaufnahme / Kraft***







AL-3

DC

Just 50mm body diameter
Aesthetically pleasant design for in-view applications
High performance, full metal body actuator

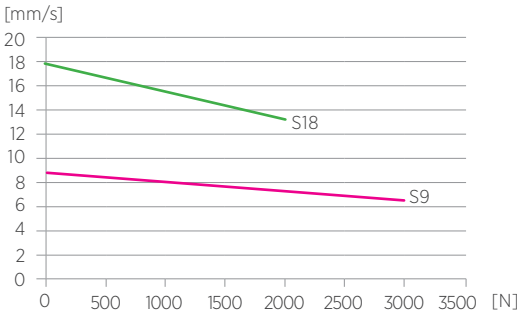
Nur 50 mm Durchmesser
Optisch ansprechendes Design
Ideal für sichtbare Applikationen
Hohe Leistungen trotz kompakter Dimensionen
Gehäuse in Metallausführung

Features | *Technische Merkmale*	
DC Motors | *DC Motoren*	12÷24÷36 V
Aluminium rod | *Alu Kolbenstange*	
Standard protection | *Schutzart*	IP44
Duty cycle | *Einschaltdauer*	S3 10% based on 10 min. | *S3 10% basierend auf 10 min.*
Operating temperature | *Betriebstemperatur*	-10C° ÷ +60C°

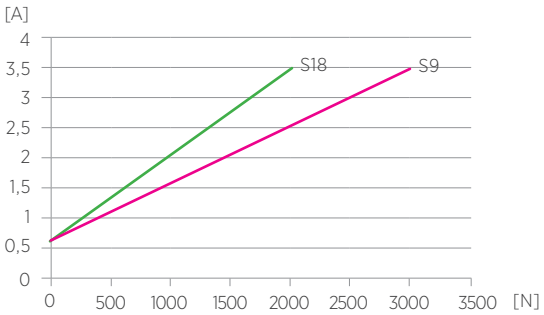
Options | *Optionen*
Encoder | *Permanente, digitale Lagerückmeldung*
Stainless steel rod | *Kolbenstange in Edelstahl*
Increased IP | *Erhöhte Schutzart*
Customizable stroke and retracted length | *Kundenspezifische Hübe und eingefahrene Längen*

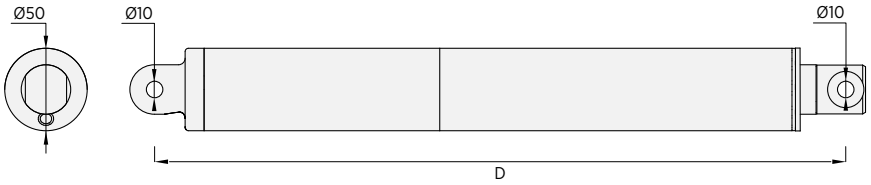
Max thrust Push/Pull [N] *Max Kraft Druck / Zug*	Max speed [mm/s] *Max Geschw.*	Stroke length [mm] *Hublänge*	Installation dim. [mm] *Einbaulänge* (D)
3000	**9**	50÷300*	stroke/Hub + 248
2000	**18**		
*Longer stroke available upon request | *Längere Hübe auf Anfrage möglich*			

Speed vs. Load | *Geschwindigkeit / Kraft*



Current vs. Load | *Stromaufnahme / Kraft*



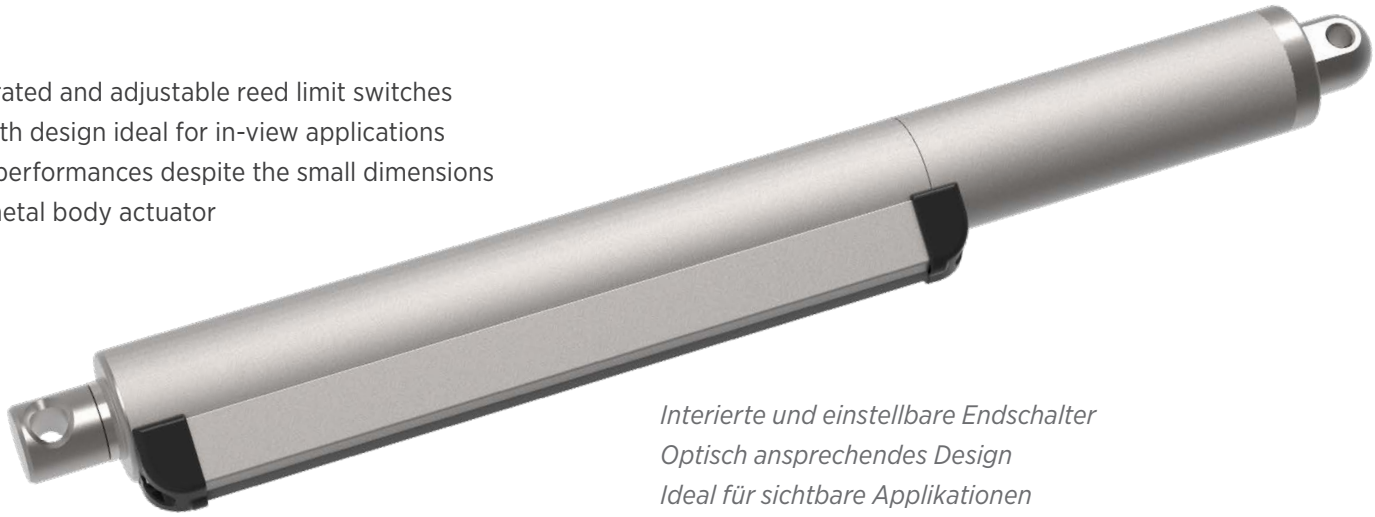


sir

AL-3/M

DC

Integrated and adjustable reed limit switches
Smooth design ideal for in-view applications
High performances despite the small dimensions
Full metal body actuator



Interierte und einstellbare Endschalter
Optisch ansprechendes Design
Ideal für sichtbare Applikationen
Hohe Leistungen trotz kompakter Dimensionen
Gehäuse in Metallausführung

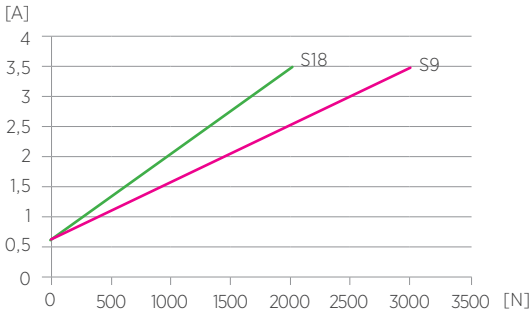
Features | *Technische Merkmale*	
DC Motors | *DC Motoren*	12÷24÷36 V
Aluminium rod | *Alu Kolbenstange*	
Standard protection | *Schutzart*	IP44
Duty cycle | *Einschaltdauer*	S3 10% based on 10 min. | *S3 10% basierend auf 10 min.*
Operating temperature | *Betriebstemperatur*	-10C° ÷ +60C°

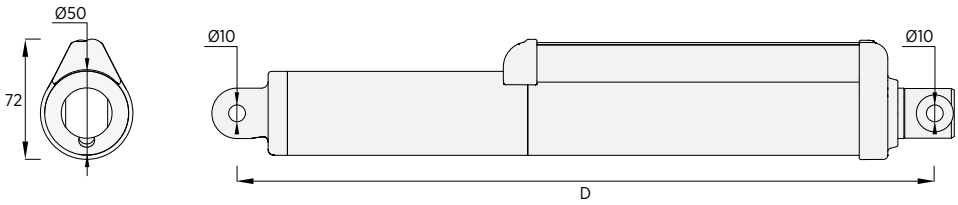
Options | *Optionen*
Encoder | *Permanente, digitale Lagerückmeldung*
Stainless steel rod | *Kolbenstange in Edelstahl*
Increased IP | *Erhöhte Schutzart*
Customizable stroke and retracted length | *Kundenspezifische Hübe und eingefahrene Längen*

Max thrust Push/Pull [N] *Max Kraft Druck / Zug*	Max speed [mm/s] *Max Geschw.*	Stroke length [mm] *Hublänge*	Installation dim. [mm] *Einbaulänge* (D)
3000	**9**	50÷300*	stroke/Hub + 265
2000	**18**		
*Longer stroke available upon request | *Längere Hübe auf Anfrage möglich*			

Speed vs. Load | *Geschwindigkeit / Kraft*

Current vs. Load | *Stromaufnahme / Kraft*



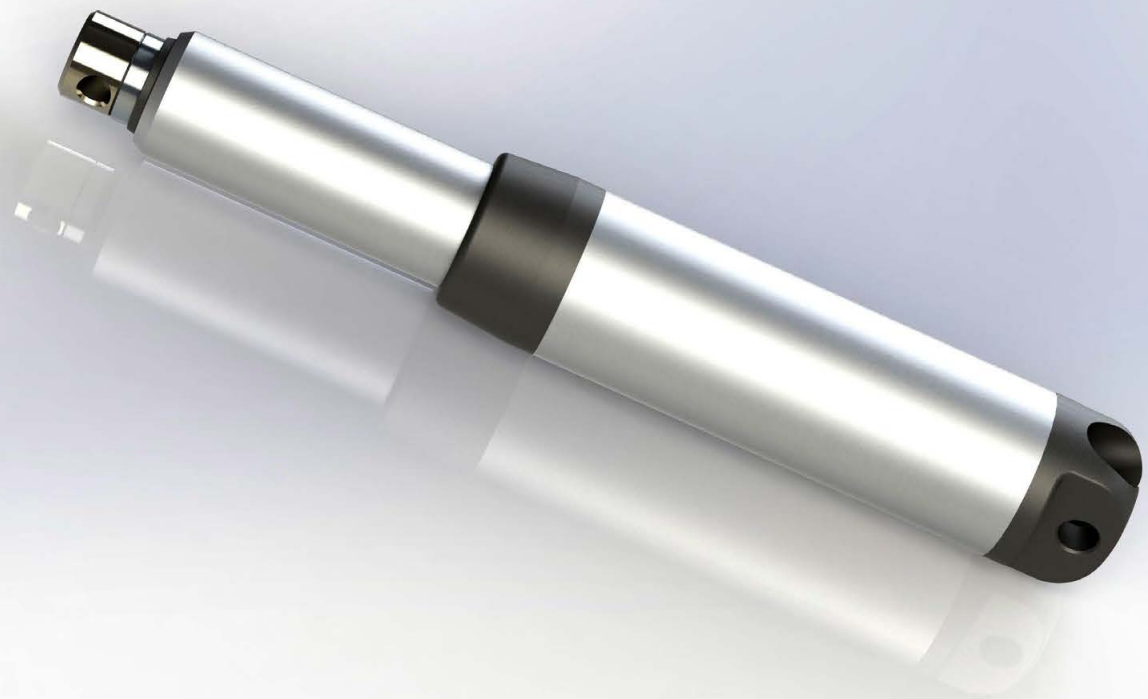


100% CUSTOM
100% MADE IN ITALY

THE DIMENSIONS ARE IMPORTANT

AL-01

D35mm Electric Linear Actuator: the SIR slim-fit actuator



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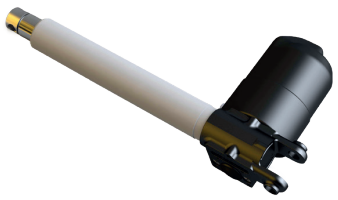
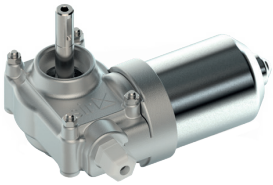
TAILOR MADE.

Linear Actuators



Gearmotors



Scopic Columns

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02/2020

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