Linear actuator Compakt







Linear actuators Compakt



Description · Applications

The linear actuators of the Compakt series are versatile push rod actuators with compact design used for

- locking devices for rolling doors
- · tilting devices
- butterfly valve operation
- · operable windows
- lifting platforms and many other applications

The facts

	Compakt
Load (N)	400-15,000
Stroke speed (mm/s)	1.5-65
Stroke lengths (mm)	max. 1000 ⁽¹⁾
Operating voltage	400 V 3 AC or 24 V DC
Control voltage	230 V 1 AC or 24 V DC
Temperature range (°C)	-10 to +50
Protection type	IP 54
Piston rod	torsion-lock
Double scraper ring	at piston outlet
Limit switches	electronic
Design	extremely short thanks to special elero technology

⁽¹⁾ At slower stroke speeds and longer stroke lengths, it is possible that, due to the rating, the entire stroke cannot be completed in one cycle.

Load (N) and stroke speeds (mm/s)

	400 \	/ three-phase	50 Hz		24 V DC		24 V DC			Number	Available
	ı	Rating: S3/159	/o		Rating: S3/15	%	Rating: S1		of add.	with	
Version	Stroke	Load	Nominal	Stroke	Load	Nominal	Stroke	Load	Nominal	planetary	brake
	speed		current	speed		current	speed		current	gear	only
	(mm/s)	(N)	(A)	(mm/s)	(N)	(A)	(mm/s)	(N)	(A)	stages	
Α	65	1,000	1.3	55	700	10	-	-	-	-	х
В	45	1,500	1.3	35	1,000	10	-	-	-	-	х
С	17	4,000	1.3	17	1,500	10	22	400	5	-	х
D	12	7,000	1.3	12	2,600	10	15	1,000	5	-	х
Е	7	12,000	1.3	7	5,500	10	9.5	1,800	5	-	-
F	5.5	15,000	1.3	4.5	8,000	10	5.5	2,500	5	1	-
G	4	15,000	1.3	3	11,000	10	4	4,500	5	1	-
Н	2	15,000	1.3	2	15,000	8	2.5	8,500	5	1	-
I	1.6	15,000	1.3	1.5	15,000	5	1.5	15,000	5	1	_

Note: All technical data represent average values and are based on an ambient temperature of 20 °C. Stroke speeds of direct current motors are load and temperature dependent.

Our elegant models





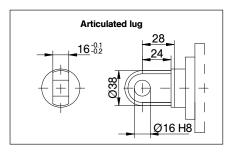
Options

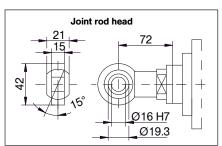
- Analogue output 0-10 V
- Brake
- · Standard fasteners
- Fasteners can be adjusted to 90°

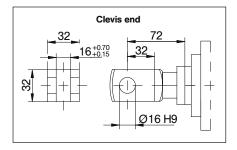
Other stroke lengths, special voltages, circuit variants, cable types as well as additional equipment (protective sleeve, recirculating ballscrew, plug connections, etc.) on request.

Fixing

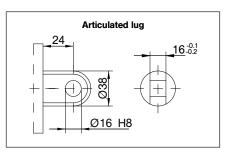
on piston end

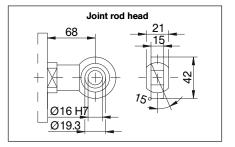


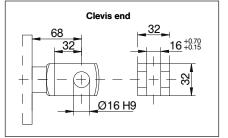




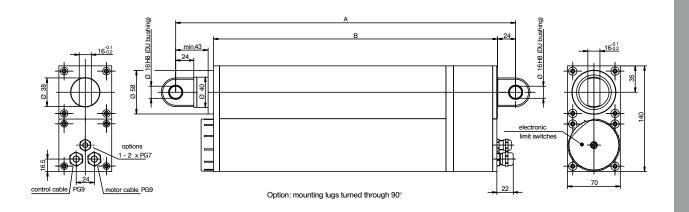
on housing end







Technical data and dimensions



Dimension A

Stroke length	Dimension A			
Stroke length	min.	max.		
200	450*	650*		
250	500	750		
300	550	850		
350	600	950		
400	650	1050		
450	700	1150		
500	800	1300		
600	900	1500		
700	1000	1700		
800	1100	1900		
900	1200	2100		
1000	1300	2300		

Dimension B

Basic version	376
With additional planetary gear stage and (potentiometer or brake)	378
With brake and potentiometer	378

Dimension A increases by

- + 44 mm with an attached clevis end/joint rod head
- + 75 mm with an attached spring-action articulated lug

*ATTENTION:

If the body dimension is 378 mm, dimension A increases by 50 mm.

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