

EWELLIX LINEAR ACTUATORS

CAHB-10 Linear Actuator

Voltage: 12V DC (24V DC on request)

Stroke: 50mm to 300mm

Load: 120N to 1500N



Benefits:

- Compact design
- Designed for harsh environment
- Robust and reliable
- Intergrated limit switches
- Thermal protection
- Optional potentiometer and 2-hall encoder available
- Electromagnetic compatibility (EMC) compliant

Voltage	Load	Stroke	Applied No.	Description
12V DC	120N	50mm	CAHB10A-0108501	CAHB-10-A1A-050158-AAAAOA
12V DC	120N	100mm	CAHB10A-0108492	CAHB-10-A1A-100209-AAAAOA
12V DC	120N	150mm	CAHB10A-0110049	CAHB-10-A1A-150260-AAAAOA
12V DC	120N	200mm	CAHB10A-0108373	CAHB-10-A1A-200311-AAAAOA
12V DC	120N	250mm	CAHB10A-0109849	CAHB-10-A1A-250362-AAAAOA
12V DC	120N	300mm	CAHB10A-0109848	CAHB-10-A1A-300413-AAAAOA
12V DC	240N	50mm	CAHB10A-0108423	CAHB-10-A2A-050158-AAAAOA
12V DC	240N	100mm	CAHB10A-0108424	CAHB-10-A2A-100209-AAAAOA
12V DC	240N	150mm	CAHB10A-0108598	CAHB-10-A2A-150260-AAAAOA
12V DC	240N	200mm	CAHB10A-0110420	CAHB-10-A2A-200311-AAAAOA
12V DC	240N	250mm	CAHB10A-0108496	CAHB-10-A2A-250362-AAAAOA
12V DC	240N	300mm	CAHB10A-0108497	CAHB-10-A2A-300413-AAAAOA
12V DC	500N	50mm	CAHB10A-0108164	CAHB-10-A3A-050158-AAAAOA
12V DC	500N	100mm	CAHB10A-0108341	CAHB-10-A3A-100209-AAAAOA
12V DC	500N	150mm	CAHB10A-0108342	CAHB-10-A3A-150260-AAAAOA
12V DC	500N	200mm	CAHB10A-0108701	CAHB-10-A3A-200311-AAAAOA
12V DC	500N	250mm	CAHB10A-0109908	CAHB-10-A3A-250362-AAAAOA
12V DC	500N	300mm	CAHB10A-0108786	CAHB-10-A3A-300413-AAAAOA
12V DC	1500N	50mm	CAHB10A-0116328	CAHB-10-A6A-050158-AAAAOA
12V DC	1500N	100mm	CAHB10A-0116329	CAHB-10-A6A-100209-AAAAOA
12V DC	1500N	150mm	CAHB10A-0116330	CAHB-10-A6A-150260-AAAAOA
12V DC	1500N	200mm	CAHB10A-0116331	CAHB-10-A6A-200311-AAAAOA
12V DC	1500N	250mm	CAHB10A-0116332	CAHB-10-A6A-250362-AAAAOA
12V DC	1500N	300mm	CAHB10A-0116333	CAHB-10-A6A-300413-AAAAOA

Technical data

Designation	Unit	CAHB-10... 1	CAHB-10... 2	CAHB-10... 3	CAHB-10... 4	CAHB-10... 5	CAHB-10... 6
Push load	N	120	240	500	750	1 000	1 500
Pull load	N	120	240	500	750	1 000	1 500
Speed (full load to no load)	mm/s	45 to 56	24 to 30	13 to 16	8 to 10	6 to 8	5 to 8
Stroke	mm	50 to 300	50 to 300	50 to 300	50 to 300	50 to 300	50 to 300
Retracted length	mm	- 1)	- 1)	- 1)	- 1)	- 1)	- 1)
Voltage	V DC	12 or 24	12 or 24	12 or 24	12 or 24	12 or 24	12 or 24
Power consumption	W	N/A	N/A	N/A	N/A	N/A	N/A
Current consumption	A	4	2,2				
	12 V DC						
	24V DC						
Duty cycle	%	25	25	25	25	25	20
Ambient temperature	°C	-40 to +85	-40 to +85	-40 to +85	-40 to +85	-40 to +85	-40 to +85
Type of protection	IP	66s/69k	66s/69k	66s/69k	66s/69k	66s/69k	66s/69k
Weight (at 300 mm stroke)	kg	1,5	1,5	1,5	1,5	1,5	1,5
Colour	-	Silver	Silver	Silver	Silver	Silver	Silver
Limit switches	-	Yes	Yes	Yes	Yes	Yes	Yes
Thermal protection	-	Yes	Yes	Yes	Yes	Yes	Yes

OTHER SIZES, STYLES AND OPTIONS ARE AVAILABLE!

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EWELLIX LINEAR ACTUATORS

CAHB-20A Linear Actuator

Voltage: 12 or 24V
Stroke: 102 to 610mm
Load: 2500N (1500N on request)



Benefits:

- ACME screw drive
- Extension tube (stainless steel)
- Protection tube (steel)
- Enhanced corrosion resistance
- Mechanical overload protection (clutch)
- Maintenance free
- Robust, designed for tough environment
- Self Locking
- Certified (CE: EN 55011)

Voltage	Load	Stroke	Applied No.	Description
12V DC	2500N	153mm	CAHB20A-0116325	CAHB-20-A2A-153389-AAALOT-000
12V DC	2500N	204mm	CAHB20A-0116318	CAHB-20-A2A-204440-AAALOT-000
12V DC	2500N	305mm	CAHB20A-0110847	CAHB-20-A2A-305592-AAALOT-000
12V DC	2500N	457mm	CAHB20A-0116326	CAHB-20-A2A-457744-AAALOT-000
12V DC	2500N	610mm	CAHB20A-0116327	CAHB-20-A2A-610897-AAALOT-000
24V DC	2500N	153mm	CAHB20A-0108872	CAHB-20-B2A-153389-AAALOT-000
24V DC	2500N	204mm	CAHB20A-0104566	CAHB-20-B2A-204440-AAALOT-000
24V DC	2500N	305mm	CAHB20A-0108056	CAHB-20-B2A-305592-AAALOT-000
24V DC	2500N	457mm	CAHB20A-0108649	CAHB-20-B2A-457744-AAALOT-000
24V DC	2500N	610mm	CAHB20A-0108592	CAHB-20-B2A-610897-AAALOT-000

Technical data

Designation	Unit	CAHB-20... 1	CAHB-20... 2
Performance data			
Push load	N	1 500	2 500
Pull load	N	1 500	2 500
Speed (full load to no load)	mm/s	27 to 33	13 to 17
Stroke	mm	102 to 610	102 to 610
Retracted length	mm	- 1)	- 1)
Voltage	V DC	12 or 24	12 or 24
Power consumption	W	N/A	N/A
Current consumption	12 V DC	A	16
	24V DC	A	8
Duty cycle	%	25	25
Ambient temperature	°C	-40 to +85	-40 to +85
Type of protection	IP	66	66
Weight (at 305 mm stroke)	kg	5,5	5,5
Colour	-	Black	Black
Limit switches	-	No	Yes
Thermal protection	-	Yes	Yes

OTHER SIZES, STYLES AND OPTIONS ARE AVAILABLE!