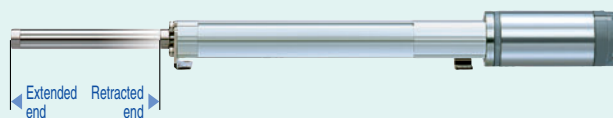


Electric Cylinder & Directional Controller



Simple motion control-
extension and retraction



- Stroke: **25 to 200 mm**
- Speed: **Up to 200 mm/s**

Pressure control



- Thrust: **Up to 196N**



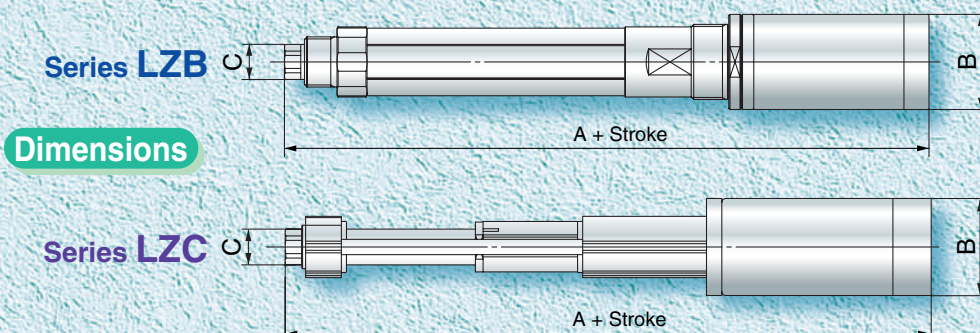
Series LZB



Series LZC

Series LZ□/LC3F

Suitable for an environment where an air supply is not available.



Dimensions

Model	A*	B	C
LDZB□3	216.5	38	14
LDZB□5	285.5	54.5	22
LDZC□3	203	38	14
LDZC□5	268	54.5	22

* Dimension for a female thread type.
In the case of a male thread, add 10.5 mm for LDZ□□3, and 14 mm for LDZ□□5.

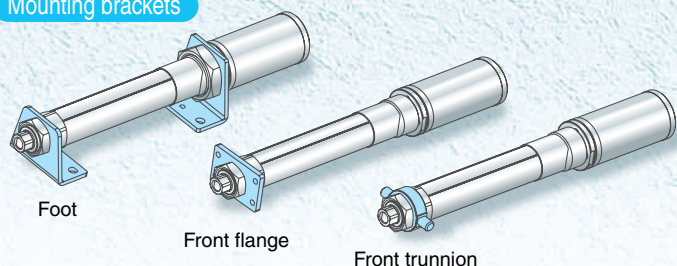
Variations

Model	Max. thrust	Max. speed	Lead screw	Motor	Stroke (mm)*	Mounting bracket	Rod end thread	Auto switch
LDZB□3L	80N	33mm/s	Slide screw ø8 Lead 2	DC motor	25,40,100,200	Foot, Front flange, Front trunnion	Female thread Male thread	D-M9□
LDZB□3M	43N	100mm/s	Slide screw ø8 Lead 6					
LDZB□3H	24N	200mm/s	Slide screw ø8 Lead 12					
LDZB□5L	196N	33mm/s	Slide screw ø12 Lead 2		40,100,200			
LDZB□5M	117N	100mm/s	Slide screw ø12 Lead 6					
LDZB□5H	72N	200mm/s	Slide screw ø12 Lead 12					

Model	Max. thrust	Max. speed	Lead screw	Motor	Stroke (mm)*	Mounting bracket	Rod end thread	Cover	Auto switch
LDZC□3L	80N	33mm/s	Slide screw ø8 Lead 2	DC motor	25,40,100,200	Foot	Female thread Male thread	Partially covered Fully covered	D-M9□
LDZC□3M	43N	100mm/s	Slide screw ø8 Lead 6						
LDZC□3H	24N	200mm/s	Slide screw ø8 Lead 12						
LDZC□5L	196N	33mm/s	Slide screw ø12 Lead 2		40,100,200				
LDZC□5M	117N	100mm/s	Slide screw ø12 Lead 6						
LDZC□5H	72N	200mm/s	Slide screw ø12 Lead 12						

* Strokes other than the standard spec. are built upon receipt of an order.

Mounting brackets



With cover



Directional control driver like a solenoid valve

- Able to control the stroke with only ON/OFF signals.
- A current control protects the driver/motor from burning.
- Able to control with only 3 different types of input signals.

1 Directional control (A-PHASE)

2 Output ON/OFF (ON)

3 Thrust selection (SET)

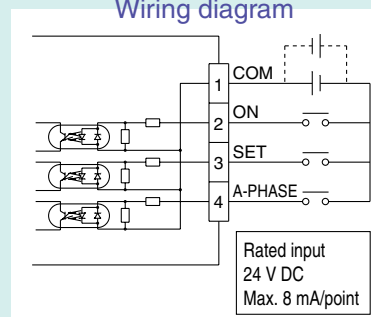
- Can be operated manually.



Directional controller for electric cylinder

Series LC3F

Wiring diagram



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