Lifting Column ES4

The lifting columns are applied to the field of industrial devices/equipments, machine, factory automation, packing equipments and medical equipments because they are small size with big force, high performance and precise repeatability.

Especially, Height adjustment of working areas for maintaining the ergonomic working environment is much engaged by government. It prevents laborers from repetitive strain injuries.
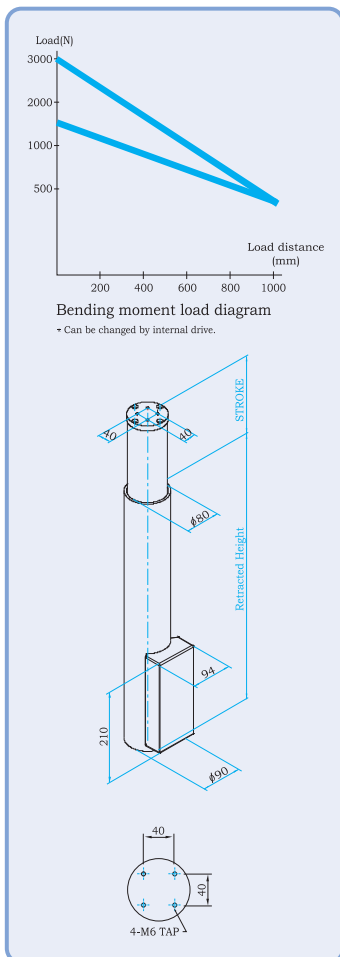
Technical Data

- Lifting forces: 1000N / 2000N / 3000N
- Stroke: max. 500 mm
- Unloaded speed: max. 12 mm/s ~ 40 mm/s (max. speed is under DC30V)
- Input Power: Standard DC24V(max. DC30V)
- Current limit PC board inside
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor
- Safety nut
- 2-section lifting column
- The bending moment(offset load): max. 500Nm
- Duty cycle: max. 10% or 2 / 18 min. intermittent duty

* Recommended to use the compatible controller, handset, table handset or footswitch together.
* Customized specification is available on request. (Please inquire us)

Dimension

Bending moment load diagram
* Can be changed by internal drive.

Standard Electric Lift(Lifting column)

	Installation height incl. top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unlaoded / max laod
ES4−39.1.100.424−O	424	100	1000	28/22
ES4−39.1.150.474−O	474	150	1000	28/22
ES4−39.1.200.524−O	524	200	1000	28/22
ES4−39.1.250.574−O	574	250	1000	28/22
ES4−39.1.300.624−O	624	300	1000	28/22
ES4−39.3.100.424−O	424	100	3000	8/6
ES4−39.3.150.474−O	474	150	3000	8/6
ES4−39.3.200.524−O	524	200	3000	8/6
ES4−39.3.250.574−O	574	250	3000	8/6
ES4−39.3.300.624−O	624	300	3000	8/6

* The above data is test data based on our standard power supply, DC24V. The speed can be improved by using DC30V.
  Please contact our technical team if you want to use your own controller with our lifting column.
* Customized specification is available on request. Please contact our technical team.
* The installation heights for high bending moment(offload) have to be longer than standard.