# LINEAR ACTUATORS

## JC35DF

### FEATURES

- Strong and robust design
- Low noise, IP66
- Ideal for medical, furniture and industry applications

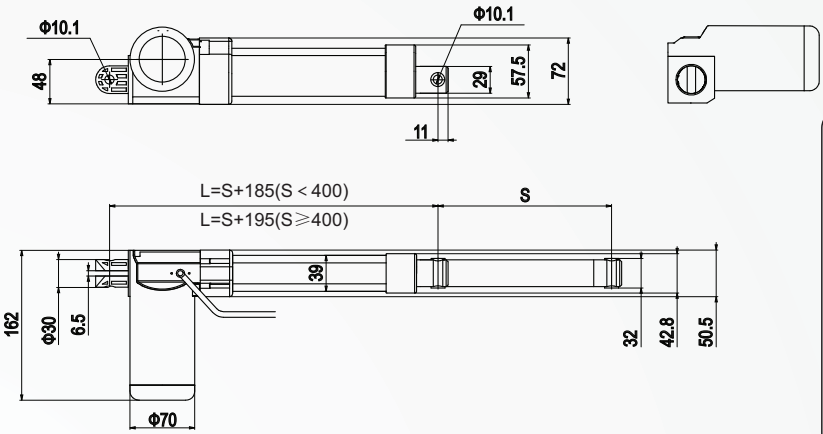


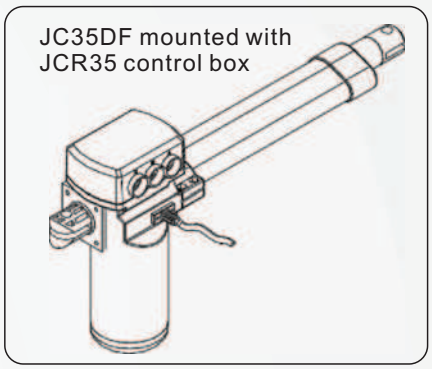
## SPECIFICATIONS

| | | | | | | |
|---|---|---|---|---|---|---|
| **Dynamic Load Push** | **(N)** | 6000 | 4000 | 3000 | 2000 | 750 |
| **Dynamic Load Pull** | **(N)** | 4000 | 4000 | 3000 | 2000 | 750 |
| **Static Load Push *** | **(N)** | 6000 | 4000 | 3000 | 2000 | 750 |
| **Static Load Pull *** | **(N)** | 4000 | 4000 | 3000 | 2000 | 750 |
| **Input** | **(VDC)** | 24 | | | | |
| **Speed at Full Load** | **(mm/s)** | 3.5 | 4.5 | 8 | 12 | 22 |
| **Input** | **(VDC)** | 12 | | | | |
| **Speed at Full Load** | **(mm/s)** | 3 | 4 | 5 | 9 | 18 |
| **Stroke Length** | **(mm)** | 100~400 (option >400) | | | | |
| **Mounting Position** | | H type, V type and 45 degree type (see page 57) | | | | |
| **Colour** | | Black or Grey | | | | |
| **Limit Switch** | | Build-in | | | | |
| **Overload Protection** | | Integrated in appropriate Control-Box | | | | |
| **Duty Cycle** | | 10%, max 2min. continuous use | | | | |
| **Inner Tube** | | Aluminum Tube | | | | |
| **End clevis** | | Zinc-alloy | | | | |
| **IP Grade** | | IP66 | | | | |
| **Operating Temperature** | | +5°C ~ +40°C | | | | |
| **Standard** | | UL60601-1 / EN60601-1 | | | | |
| **Optional Features** | | Hall sensor option (type JC35DFY) | | | | |
| | | Reed switch option (type JC35DFR) | | | | |
| | | Push-Only option (type JC35DFP) | | | | |
| | | Relay free option (see page 07) | | | | |

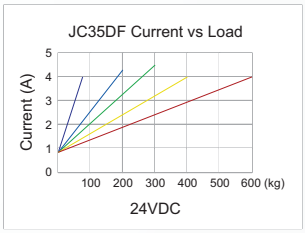
* The values apply when appropriate Jiecang Control Box is used, which short-circuits the motor during stop.

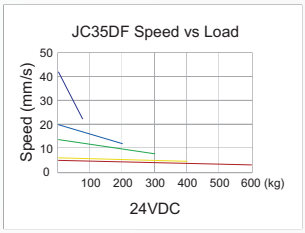
## DIMENSIONS

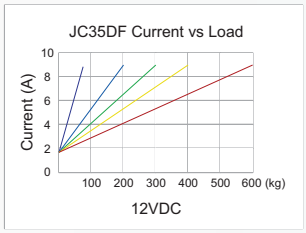


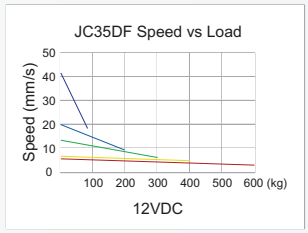




## PERFORMANCE




## ORDER KEY EXAMPLE

**JC35DF - 6 - 3 - 24 - 100 - 285 - 4s - H - G - X**

- Only if special option ★
- Colour (G: grey, B: black)
- Mounting position (see page 57)
- Plug (see page 56)
- Retracted length (mm) - see dimension L
- Stroke length (mm)
- Input voltage (VDC)
- Speed at full load (mm/s)
- Dynamic load capacity (kN)
- Type (JC35DF, JC35DFP, JC35DFY)

★
B1 brake for push
B2 brake for pull
RF relay free version (see page 07)