

# Electric Cylinder

Linear Actuation Technology

*ELC with Geared Motor*



*ELC with Integrated Swivel Base*



*ELC with AC Motor*

*ELC without Motor*



**Gears and Gear Drives (India) Pvt Ltd**

An ISO 9001-2015 Certified Company & CE certified Lifting Systems



NVT QC  
CERTIFICATE No. 177024  
Valid Till July 28, 2025

# Electric Cylinder

| Translating Spindle / Rotating Spindle |                                 |          |           |            |      |                                     |       |
|--|---------------------------------|----------|-----------|------------|------|-------------------------------------|-------|
| Model                                  | Static Lifting Force F Max (kN) | Spindle  |           | Gear Ratio |      | Turns of worm for 1" rise (Approx.) |       |
|  |                                 | Dia (mm) | Lead (mm) | Normal     | Slow | N (mm)                              | L     |
| ELC 0.25                               | 2.5                             | 12       | 3         | 10:1       | 20:1 | 0.3                                 | 0.15  |
| ELC 0.5                                | 5                               | 18       | 6         | 10:1       | 20:1 | 0.6                                 | 0.3   |
| ELC 1                                  | 10                              | 20       | 5         | 5:1        | 20:1 | 1                                   | 0.25  |
| ELC 2                                  | 20                              | 26       | 6.35      | 6:1        | 24:1 | 1.058                               | 0.26  |
| ELC 2.5                                | 25                              | 30       | 6         | 6:1        | 24:1 | 1                                   | 0.25  |
| ELC 5                                  | 50                              | 40       | 7         | 6:1        | 24:1 | 1.167                               | 0.29  |
| ELC 10                                 | 100                             | 58       | 12        | 23:3       | 24:1 | 1.565                               | 0.5   |
| ELC 15                                 | 150                             | 60       | 12        | 23:3       | 24:1 | 1.565                               | 0.5   |
| ELC 20                                 | 200                             | 70       | 10        | 8:1        | 24:1 | 1.25                                | 0.416 |

## Mechanical Accessories



## Electrical & Control Electronics Accessories



### End Applications

- Industrial Automation
- Ship Maintenance
- Energy
- Defence
- Agricultural Machineries
- Off Road Vehicles
- Textile Machineries
- Railways
- Antenna Positioning
- Food Processing
- Rubber Processing
- ERW Tube Welding
- Grain Processing plant
- Cooling Towers
- Solar Panels
- Slitting Line
- Ceramic Industry
- Air Craft Maintenance
- Extruders
- Binding Equipments
- Agricultural Machinery
- Wood Working Machine
- Cranes
- Waste water treatment
- Paper & Pulp Industries
- Printing Industry
- Process Machineries
- Plastic Extruders
- Power Plants
- Packaging Industry
- Pipe Making Machines
- Pharmaceutical

We have provided complete supply of end to end solutions to our clients over three decades. We can supply control electronics and electrical accessories as turn-key projects.

### Our Address:

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 Certified Lifting Systems

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### Our Representative