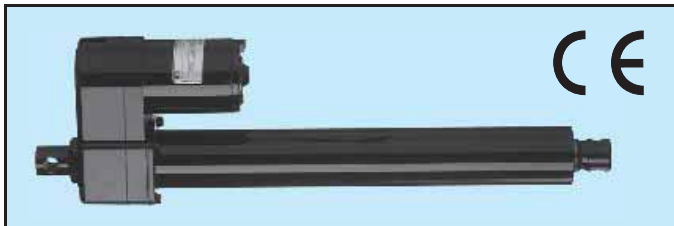


Technical data



| | |
|---|--------------|
| Available input voltages [Vdc] | 12, 24 or 36 |
| Available screw types | Acme or Ball |
| Max. static load at fully retracted [N] | |
| Acme screw models | 11 350 |
| Ball screw models | 18 000 |
| Min. / max. standard stroke [inch] | 4 / 24 |
| Duty cycle @ 25° C [%] | 25 |
| Temperature limits at operation [°C] | - 25 to + 65 |
| Protection degree | IP65 |
| Max. end play [mm] | 1 |
| Restraining torque [Nm] | 11,3 |
| Wire cross section [mm ²] | 2 |
| Wire length [mm] | 165 |
| Connector included | yes |

Features

- Rugged and robust
- Weather resistant (IP65)
- Withstand 96 hour salt spray test
- Overload clutch (set to 1,2 – 1,5 × max. permissible load)
- Motor with auto reset thermal overload protection
- Acme or ball screw drive
- Holding brake prevents back driving on ball screw models
- Acme screw models are self-locking
- Safety nut on all ball screw models
- Can operate in a large temperature range
- Accepts large input voltage variations
- Maintenance free

Options

- Potentiometer feedback
- Hand wind
- Custom RAL color

Performance table

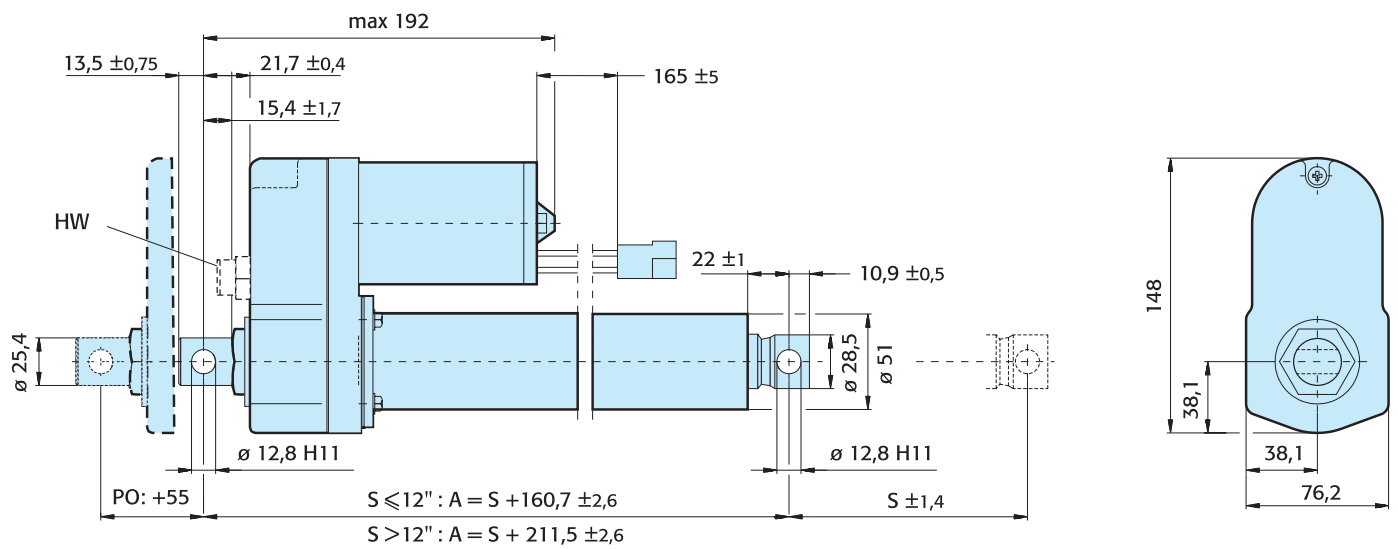
| Model | Max. dynamic load [N] | Speed @ min. load [mm/s] | Speed @ max. load [mm/s] |
|----------|-----------------------|--------------------------|--------------------------|
| D12-05A5 | 1100 | 54 | 32 |
| D24-05A5 | 1100 | 54 | 32 |
| D12-05B5 | 2250 | 61 | 37 |
| D24-05B5 | 2250 | 61 | 37 |
| D12-10A5 | 2250 | 30 | 18 |
| D24-10A5 | 2250 | 30 | 18 |
| D12-10B5 | 4500 | 30 | 19 |
| D24-10B5 | 4500 | 30 | 19 |
| D12-20A5 | 2250 | 15 | 12 |
| D24-20A5 | 2250 | 15 | 12 |
| D12-20B5 | 4500 | 15 | 12 |
| D24-20B5 | 4500 | 15 | 12 |
| D12-21B5 | 6800 | 15 | 11 |
| D24-21B5 | 6800 | 15 | 11 |

Standard strokes

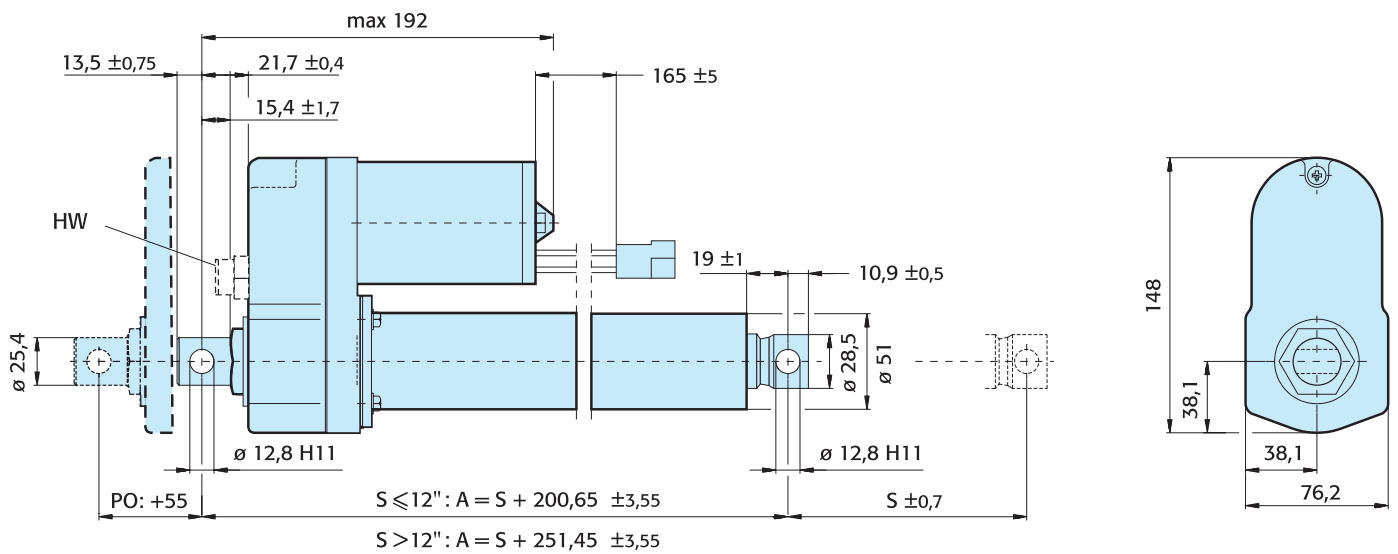
| Ordering stroke [inch] | Actual stroke S [mm] |
|------------------------|----------------------|
| 4 | 102 |
| 6 | 152 |
| 8 | 203 |
| 10 | 254 |
| 12 | 305 |
| 14 | 356 |
| 16 | 406 |
| 18 | 457 |
| 20 | 508 |
| 24 | 610 |

Dimensions

Acme screw driven models



Ball screw driven models



Performance diagrams

