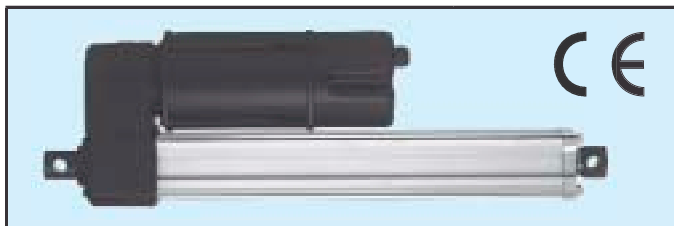


Technical data



Available input voltages [Vac]	1 × 230 or 3 × 400
Input frequency [Hz]	50
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 [mm]	50 / 600
Duty cycle @ 25° C [%]	25
Max. operation time [s]	45
Temperature limits at operation [°C]	- 25 to + 65
Protection degree	IP45
Max. end play [mm]	1
Restraining torque [Nm]	–
Wire cross section [mm ²]	1,5
Wire length [mm]	600
Connector included	no

Features

- Rugged and robust
- Aluminium cover tube with T-slot
- Position sensors can be fitted to the T-slots
- Trunnion mounting possible
- Anti rotation mechanism
- Weather resistant (IP65)
- Withstand 96 hour salt spray test
- Overload clutch (set to 1,2 × max. permissible load)
- Motor with auto reset thermal overload protection
- Acme or ball screw drive
- Holding brake prevents back driving
- 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

Engineering notes

- Capacitor (10 µF) necessary on 230 Vac models

Performance table

Model	Max. dynamic load [N]	Speed @ min. load [mm/s]	Speed @ max. load [mm/s]
AA22-05A65	1100	48	38
AA22-05B65	2250	52	45
AA42-05B65	2250	52	45
AA22-10A65	2250	28	24
AA42-10A65	2250	28	24
AA22-10B65	4500	28	24
AA42-10B65	4500	28	24
AA22-20A65	2250	14	11
AA42-20A65	2250	14	11
AA22-20B65	4500	14	11
AA42-20B65	4500	14	11
AA22-21B65	6800	12	11
AA42-21B65	6800	12	11

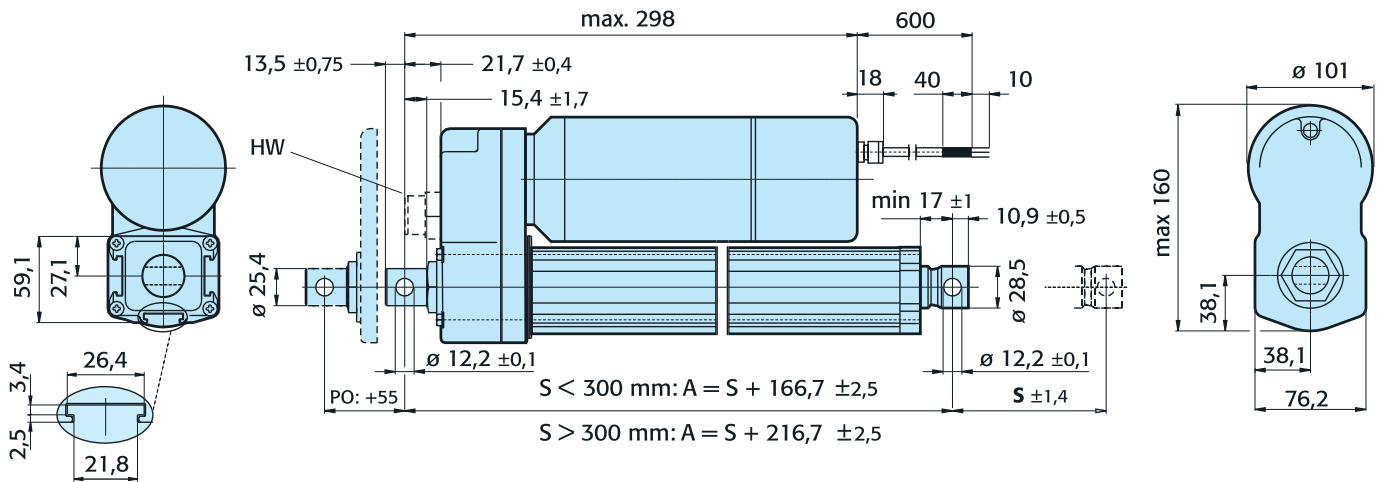
Standard strokes

Ordering stroke [cm]	Actual stroke S [mm]
5	50
10	100
15	150
20	200
25	250
30	300
35	350
40	400
45	450
50	500
55	550
60	600

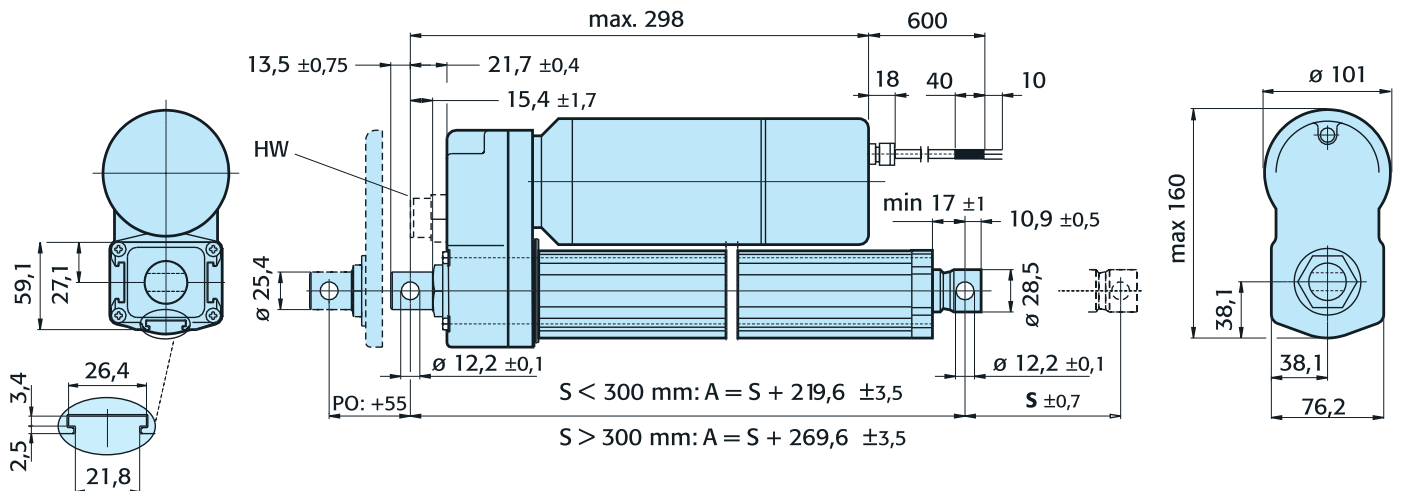


Dimensions

Acme screw driven models



Ball screw driven models



Performance diagrams

