

Movement by Perfection



The Royal League in ventilation, control and drive technology



ZA top

Gearless elevator machine SM180

ZAtop - Gearless elevator machine SM180

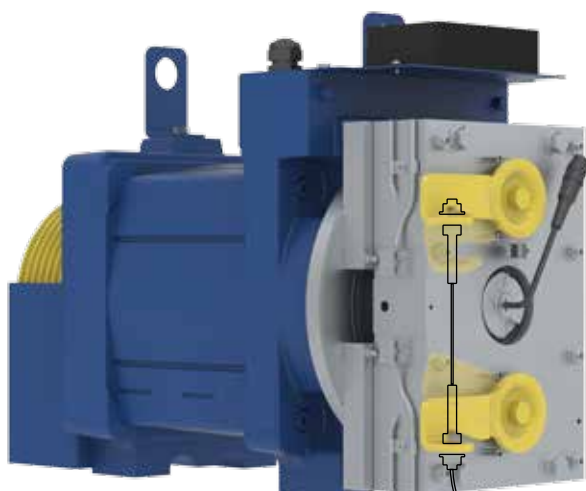
ZAtop SM180 – Gearless elevator machine for smallest shaft dimensions

Narrow design and compact installation width of 256mm designed for smallest shaft dimensions. With traction sheaves of 200 mm to 240 mm and it's combination with steel

ropes, the ZAtop SM180 is the optimum solution for the typical load range of 450 to 1,050 kg. This is how technology looks to the future. www.ziehl-abegg.com

Your advantages:

- Simple to install
- Installation between car and wall
- Machine width of only 256 mm
- In case of distance ≤ 300 mm between car and wall, no balustrade required
- Smallest possible shaft head
- Mechanical hand release as an option
- Bowden wire for brake release as an option
- Reliable calculation with ZIEHL-ABEGG ZAlift calculation software



The distinction of the Royal League represents the highest of quality standards

Our products fulfil extremely high quality standards, are inspected to ensure they are of the highest quality and are certified by independent test institutes. Each individual product leaves our factory following a stringent quality control process after which they can be given the distinction "The Royal League".



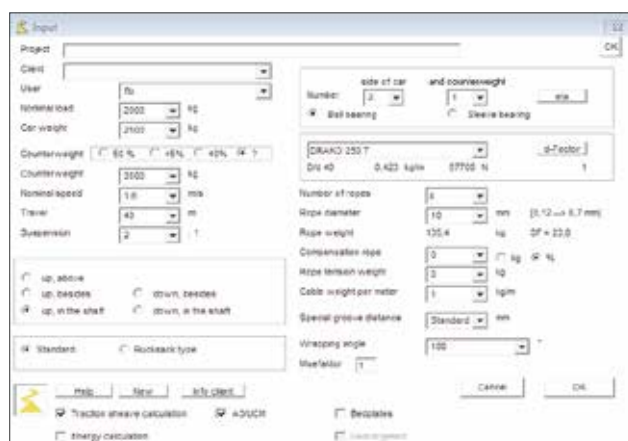
ZAlift - Calculation software

The best program to help you to configure our drive package for your elevator. Using your input, ZAlift selects the perfect combination of drive motor and frequency inverter.

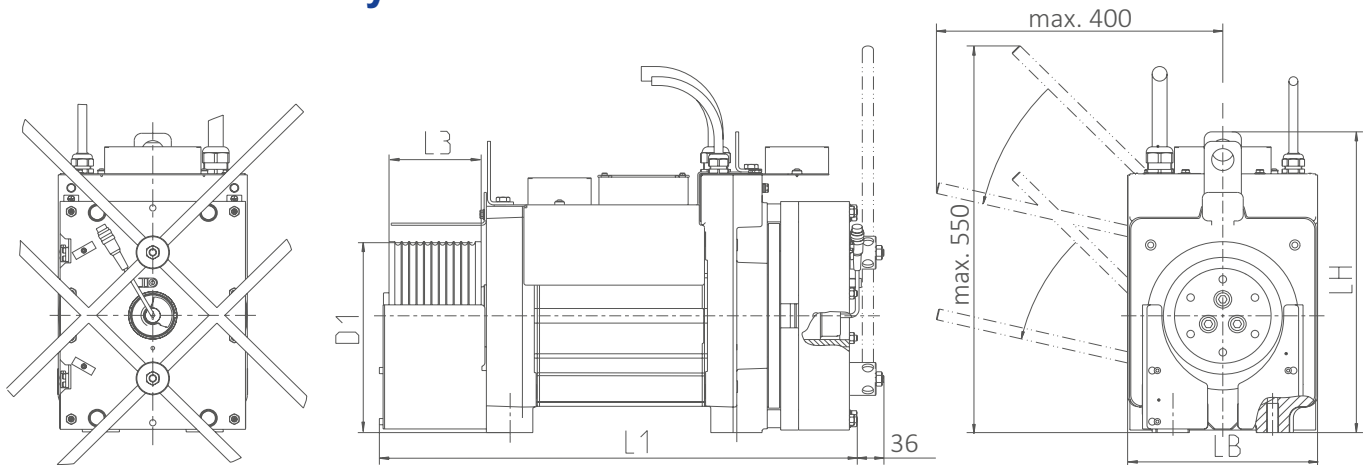
ZAlift additionally offer great features to ease your design work for installation, operation and acceptance.

ZAlift functions

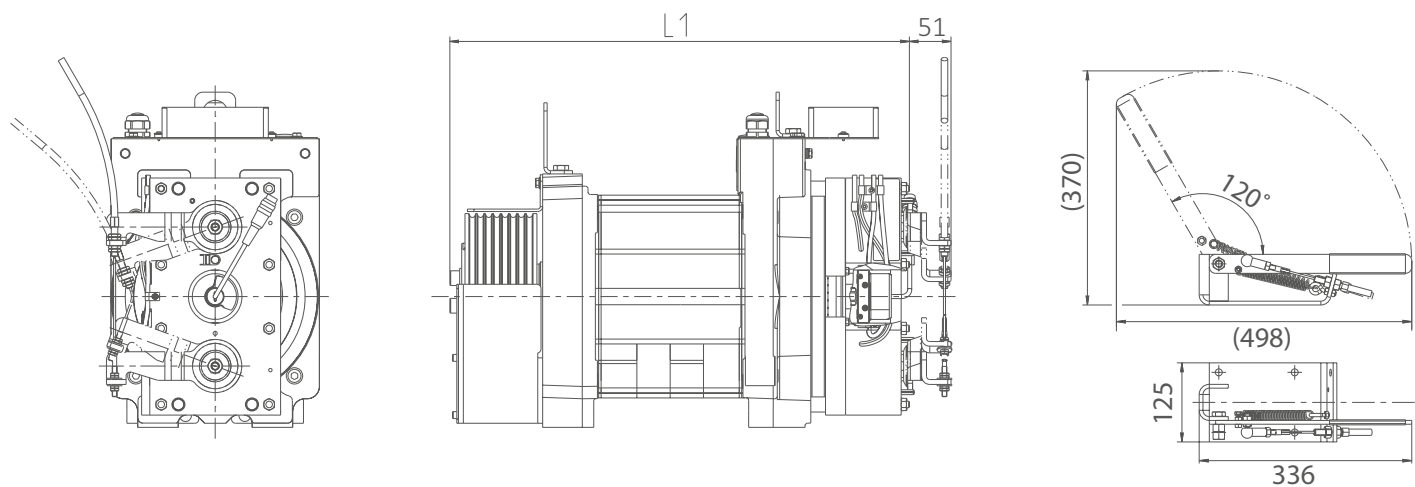
- Component selection for drive package
- Calculation for acceptance
- Information for installation
- Comprehensive rope database
- Backup of your calculation data



Machine for MRL or with machine room, brake with or without hand release system



Machine for MRL, brake with hand release via bowden wire



Technical details

Motor type	Nominal torque Nm	Max. axle load kg	Nominal speed min-1	Rated output power kW	L1 mm	LH mm	LB mm	D1 mm	L3 mm	Weight kg	Speeds m/s
SM180.24/B	215	1500	162...192	3,6...4,3	513	412	255 256	200 240	79	165 170	1,0 & 1,6
SM180.35/B	295	1850	162...306	5,0...9,5	568	412	255 256	200 240	88	190 195	
SM180.45/B	385	2500	162...306	7,5...12,3	643	412	255 256	200 240	124	235 240	
SM180.46/B	445	2500	162...258	7,5...12,0	643	412	255 256	200 240	124	225 230	

The Royal League

