

Fiche produit Motralec Ziehl Abegg Zatop SM315 - fiche technique | Motralec

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Elevator machine ZAtop
ZAtop, 100A

Drive technology for elevators 2025

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ZAtop gearless elevator machine

SM315



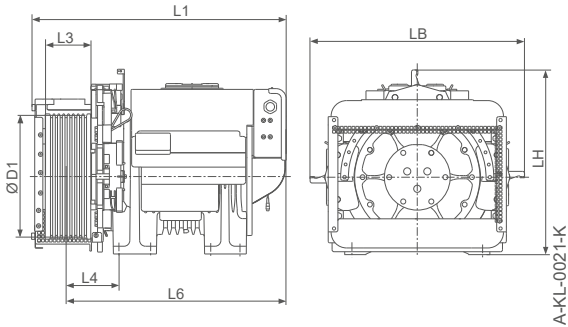
Synchronous motor actuated by permanent magnets and according to the provisions of the Lift Directive 2014/33/EU

- Elevator machine
- NdFeB magnets
 - For fast elevators of up to 4 m/s
 - Insulation class F with temperature monitoring
- Brake system
- Safety component in accordance with Lift Directive 2014/33/EU
 - Separately activated brake circuits
 - Deployable as an element of the ascending car overspeed protection means
 - Deployable as part of the protection against unintended car movement
 - If the brake is not pre-assembled, it is recommended to use the assembly kit 70031407

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Technical data

SM315.100A

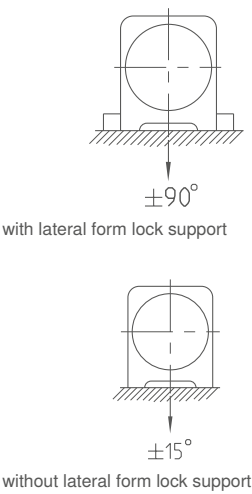


Motor type	Nominal torque	Max. axle load	Nominal speed	Rated output power	L1	LH	L4	L6	LB	D1	L3	Weight
	Nm	kg	rpm	kW	mm	mm	mm	mm	mm	mm	mm	kg
SM315.100A	5000	13000	40 - 156	20.9 - 81.7	1315	954	260	1129	1108	520	230	1884
										640		1938

Scope of delivery and options

SM315	Standard	Options
Motor	Gearless elevator machine	-
Traction sheave	See D1	-
Brake	Certified brake system	Mechanical hand release system with bowden cables
Brake monitoring	Inductive proximity switches	Microswitch
Motor cable	-	10 m, 15 m, 20 m, 25 m halogen free
Absolute encoder	EnDat	BiSS-C / SSI
Rope guard	2 pieces	-
Protection at traction sheave	Traction sheave cover	-
Temperature monitoring	PT100-thermistor	-
Cooling	Surface cooling	Forced ventilation
Retrieval device for pulling out of the catch	-	Retrieval device with rope clamp

Resulting rope force



Example configurations

Other configurations, also outside of the examples listed below, are possible.
Our calculation software ZAlift is available to you for fast and convenient calculation of your elevator machine.

Suspension	Payload kg	Speed m/s	Traction sheave mm	Motor type	Number of ropes	Rope diameter mm	Motor power kW	Rated current A
1:1	2500	1.0	640	SM315.100A-30	7	13	20.9	60
	3000	1.0	520	SM315.100A-30	10	13	20.9	60
2:1	5000	2.5	640	SM315.100A-30	7	16	81.7	200
		2.0	520	SM315.100A-30	9	13	81.7	200
		1.6	640	SM315.100A-30	9	13	54.5	133
4:1	10000	1.0	640	SM315.100A-30	8	13	62.8	150
		1.0	520	SM315.100A-30	10	13	81.7	200



Besoin d'un prix ou d'un conseil technique ?

Moteur Ziehl Abegg ZATOP SM315



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