

Fiche produit Motralec Ziehl Abegg Zatop SM250 100C - fiche technique | Motralec

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Elevator machine ZAtop
ZAp, 100C

Drive technology for elevators 2025

www.motralec.com / service-commercial@motralec.com / 01.39.97.65.10

ZAtop gearless elevator machine

SM250.100C



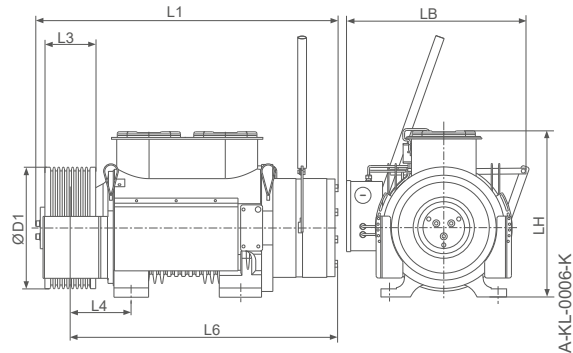
Synchronous motor actuated by permanent magnets and according to the provisions of the Lift Directive 2014/33/EU

- Elevator machine
- NdFeB magnets
 - For fast elevators of up to 4 m/s
 - Noise emissions: < 50 dB(A)
 - 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

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Deflection pulleys	Page 70
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Technical data

SM250.100C

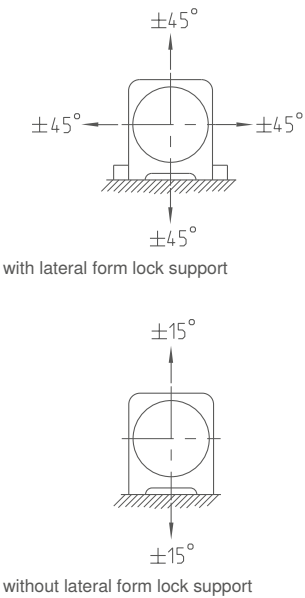


Motor type	Nominal torque Nm	Max. axle load kg	Nominal speed rpm	Rated output power kW	L1 mm	LH mm	L4 mm	L6 mm	LB mm	D1 mm	L3 mm	Weight kg
SM250.100C-20	2100 - 2650	13000	78 - 312	22 - 69	1313	729	264	1164	794	450	282	1250
										500	220	
										520		

Scope of delivery and options

SM250	Standard	Options
Motor	Gearless elevator machine	-
Traction sheave	See D1	-
Brake	Certified brake system	Mechanical hand release
Brake monitoring	Microswitch	Inductive proximity switches
Motor cable	-	10 m, 15 m, 20 m, 25 m halogen free
Absolute encoder	EnDat	BiSS-C / SSI / SinCos / TTL
Rope guard	2 pieces	3. Rope guard
Temperature monitoring	PTC thermistor	PT100-thermistor
Cooling	Forced ventilation	-

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	1250	3.50	520	SM250.100C-20	10	11.0	33.0	77.0
	1600	1.00	500	SM250.100C-20	10	11.0	22.0	62.0
	2000	1.60	450	SM250.100C-20	10	11.0	22.0	62.0
2:1	2400	2.50	500	SM250.100C-20	8	12.0	42.0	98.0
	3000	2.00	520	SM250.100C-20	10	12.0	41.6	82.0
	3500	1.00	450	SM250.100C-20	11	11.0	30.0	82.0
	3700	1.60	450	SM250.100C-20	10	11.0	37.0	98.0
4:1	4300	1.00	520	SM250.100C-20	7	11.0	50.0	125.0
	6300	1.00	450	SM250.100C-20	10	10.0	50.0	125.0



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

Moteur Ziehl Abegg ZATOP SM250 100C



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- Devis rapide et conseil technique par nos spécialistes
- Plus de 200 000 références et 30 marques distribuées
- Vente, réparation, bobinage et SAV en atelier
- Livraison partout en France, accompagnement avant et après-vente

Voir la gamme Ziehl Abegg sur notre site :

www.motralec.com/.../ziehl-abegg

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