

Fiche produit Motralec Ziehl Abegg Zadisc SL506 SL510 - fiche technique | Motralec

■ **DEMANDE DE PRIX RAPIDE** : <https://www.motralec.com/demandeContact>

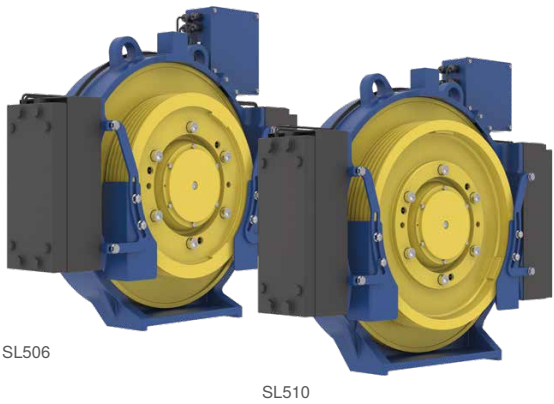
Gearless disc rotor motor ZAdisc

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Drive technology for elevators 2025

ZAdisc gearless elevator machine

SL506, SL510



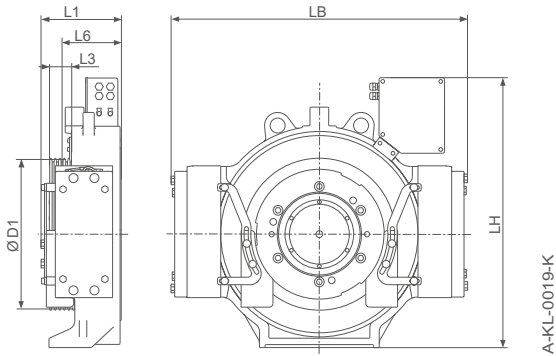
Synchronous motor actuated by permanent magnets and according to the provisions of the Lift Directive 2014/33/EU

- Elevator machine
- NdFeB magnets
 - Installation depth ≤ 200 mm
 - Optimised for attaching to the guide rail
 - 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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Technical data

SL506 / SL510

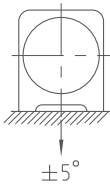


Motor type	Nominal torque Nm	Max. axle load kg	Nominal speed rpm	Rated output power kW	L1 mm	LH mm	L6 mm	LB mm	D1 mm	L3 mm	Weight kg
SL506.12-30	500	1800	96 - 156	5.0 - 8.2	217	721	158	793	400	66	310
SL510.17-28	870	2400	81 - 198	7.4 - 18.0	222	746	159	854	480	74	380

Scope of delivery and options

SL506 / SL510	Standard	Options
Motor	Gearless elevator machine	-
Traction sheave	See D1	-
Brake	Certified brake system	-
Brake monitoring	Microswitch	Inductive proximity switches
Motor cable	-	10 m, 15 m, 20 m, 25 m halogen free
Absolute encoder	EnDat	SSI / SinCos / TTL
Rope guard	2 pieces	3. Rope guard
Temperature monitoring	PTC thermistor	PT100-thermistor
Cooling	Surface cooling	-
Mounting	-	Mounting bracket and bracket for rail mounting

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	Speed	Traction sheave	Motor type	Number of ropes	Rope diameter	Motor power	Rated current
	kg	m/s	mm			mm	kW	A
2:1	480	1.00	400	SL506.12-30	3	10	5.0	19.4
	480	1.60	400	SL506.12-30	3		8.2	30.0
	630	1.00	400	SL506.12-30	3		5.0	19.4
	675	1.00	400	SL506.12-30	3		5.0	19.4
	675	1.60	400	SL506.12-30	3		8.2	30.0
	1050	1.00	480	SL510.17-28	4		7.4	28.0
	1050	1.60	480	SL510.17-28	4		11.8	42.0
	1050	2.00	480	SL510.17-28	4		14.5	50.0
	1050	2.50	480	SL510.17-28	4		18.0	61.0
	1125	1.00	480	SL510.17-28	4		7.4	28.0



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

Moteur Ziehl Abegg ZADISC SL506 SL510



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Voir la gamme Ziehl Abegg sur notre site :

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

DEMANDER UN PRIX >