

Fiche produit Motralec Ziehl Abegg Zatop SM132B Sm132Bs - fiche technique | Motralec

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Elevator machine ZAtop
ZAtop, 2025

Drive technology for elevators 2025

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ZAtop gearless elevator machine

SM132/B, SM132/BS



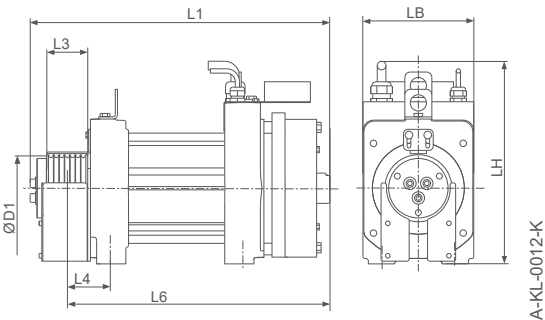
Synchronous motor actuated by permanent magnets and according to the provisions of the Lift Directive 2014/33/EU

- Elevator machine
- NdFeB magnets
 - Structural width ≤ 205 mm for the narrowest shaft dimensions
 - 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

Deflection pulleys	Page 70
ZAlift	Page 76
Machine frames	Page 63

Technical data

SM132/B, SM132/BS

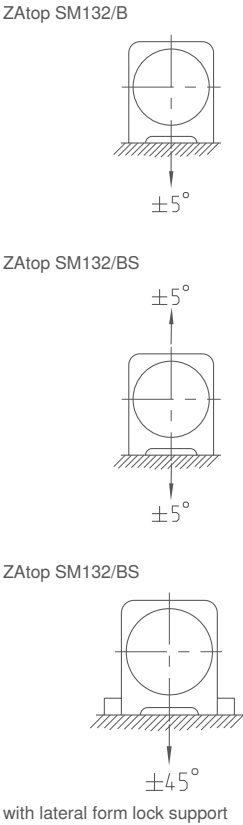


Motor type	Nominal torque Nm	Max. axle load kg	Nominal speed rpm	Rated output power kW	L1 mm	LH mm	L4 mm	L6 mm	LB mm	D1 mm	L3 mm	Weight kg
SM132.21-14/B	120	2400	162 - 510	2.0 - 6.4	465	450	70	405	205	120	56	101
											160	105
											220	106
SM132.21-14/BS											210	103
	200			3.4 - 10.7	555		80	485	205	120	76	124
SM132.35-14/B											160	129
											220	130
SM132.35-14/BS											210	126
											160	131

Scope of delivery and options

SM132/B	Standard	Options
Motor	Gearless elevator machine	-
Traction sheave	See D1	-
Brake	Certified brake system	Mechanical hand release system and bowden cables
Brake monitoring	Microswitch	Inductive proximity switches
Motor cable	5 m	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	Surface 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 diam- eter mm	Motor power kW	Rated current A
1:1	300	1.00	120	SM132.21-14/B	5	6.5	2.0	7.0
	480	1.00	120	SM132.35-14/B	7		3.4	11.0
	525	1.60	120	SM132.35-14/B	7		5.4	15.0
2:1	400	1.00	200	SM132.21-14/B	5		3.2	10.0
	450	1.00	160	SM132.21-14/B	5		3.2	10.0
	480	1.60	160	SM132.21-14/B	5		4.8	14.0
	525	1.00	200	SM132.35-14/B	7		5.4	15.0
	630	1.00	120	SM132.21-14/B	5		4.1	13.0
	630	1.60	120	SM132.21-14/B	5		6.4	17.0
	800	1.60	160	SM132.35-14/B	7		8.0	21.0
	1050	1.00	120	SM132.35-14/B	7		6.8	19.0
	1050	1.60	120	SM132.35-14/B	7		10.7	30.0



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

Ventilateur Ziehl Abegg ZATOP SM132B SM132BS



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DEMANDER UN PRIX >