

Fiche produit Motralec Ziehl Abegg Zatop AM AM210 - fiche technique | Motralec

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Elevator machine ZAtop AM

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Drive technology for elevators 2025

ZAtop AM

Gearless elevator machine

AM210

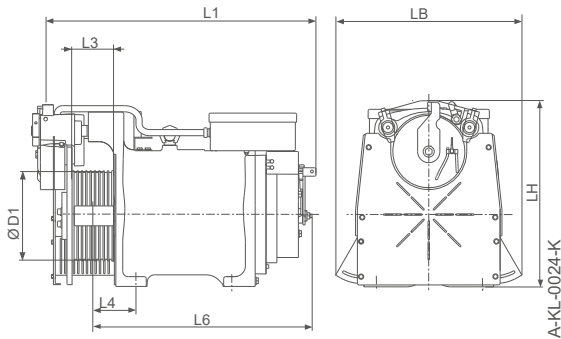


Synchronous motor actuated by permanent magnets and according to the provisions of the ASME A17.1

- Elevator machine
- NdFeB magnets
 - Structural width ≤ 395 (15.55 inch) mm for the narrowest shaft dimensions
 - Noise emissions: ≤ 55 dB(A)
 - Insulation class F with temperature monitoring
- Brake system
- Separate operation brake and emergency 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

Technical data



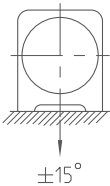
Imperial units												
Motor type	Nominal torque ft·lb	Max. axle load lb	Nominal speed rpm	Rated output power kW	L1 inch	LH inch	L4 inch	L6 inch	LB inch	D1 inch	L3 inch	Weight lb
AM210.30A	325	9890	186 - 426	8.6 - 19.6	29.72	19.76	4.65	23.07	15.55	6.30	4.49	734
AM210.40A	410		120 - 426	7.0 - 24.8						6.30		778
										9.76		829

SI-units												
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
AM210.30A	440	4485	186 - 426	8.6 - 19.6	755	502	118	586	395	160	114	333
AM210.40A	555		120 - 426	7.0 - 24.8						160		353
										248		376

Scope of delivery and options

AM210	Standard	Options
Motor	Gearless elevator machine	-
Traction sheave	See D1	-
Brake	Certified brake system	Mechanical hand release system prepared for bowden cable
Brake monitoring	Microswitch	-
Absolute encoder	EnDat	-
Rope guard	2 pieces	-
Protection at traction sheave	Traction sheave cover	-
Temperature monitoring	PTC thermistor	PT100-thermistor
Cooling	Surface cooling	-

Resulting rope force



Example configurations

Imperial units							
Suspension	Payload	Speed	Traction sheave	Motor type	Number of ropes	Rope diameter	Motor power
	lb	fpm	inch			inch	kW
2:1	3000	150	9.76	AM210.40A-20	6	0.319	7.0
		200					9.4
		350					16.0
	3500	150	6.30	AM210.30A-20	7		8.6
		200					11.3
		350					19.6
	4500	150		AM210.40A-20	8		10.8
		200					14.3
		350					24.8
SI-units							
Suspension	Payload	Speed	Traction sheave	Motor type	Number of ropes	Rope diameter	Motor power
	kg	m/s	mm			mm	kW
2:1	1360	0.75	248	AM210.40A-20	6	8.1	7.0
		1.00					9.4
		1.75					16.0
	1585	0.75	160	AM210.30A-20	7		8.6
		1.00					11.3
		1.75					19.6
	2040	0.75		AM210.40A-20	8		10.8
		1.00					14.3
		1.75					24.8



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

Ventilateur Ziehl Abegg ZATOP AM AM210



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- 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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