

Fiche produit Motralec Ziehl Abegg Zatop AM AM200 - fiche technique | Motralec

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Elevator machine ZAtop AM
ZAp, motor

Drive technology for elevators 2025

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ZAtop AM

Gearless elevator machine

AM200



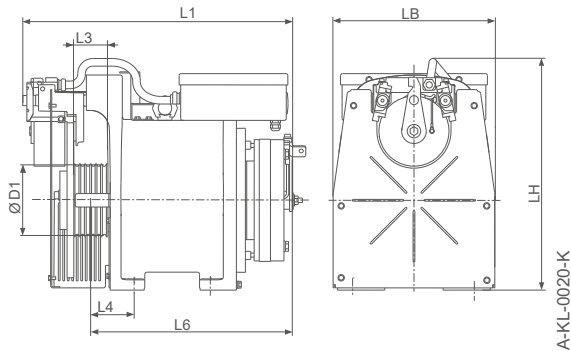
Synchronous motor actuated by permanent magnets and according to the provisions of the ASME A17.1

- Elevator machine
- NdFeB magnets
 - Structural width ≤ 385 (15.16 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

AM200



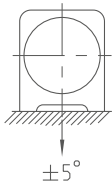
Imperial units												
Motor type	Nominal torque ft·lb	Max. axle load lb	Nominal speed rpm	Rated output power kW	L1 inch	LH inch	L4 inch	L6 inch	LB inch	D1 inch	L3 inch	Weight lb
AM200.15A	177	6050	186 - 426	4.7 - 10.7	23.62	20.31	3.82	17.59	14.25	6.30	3.03	500
AM200.23A	243			6.4 - 14.7								540
AM200.30A	325		120 - 276	5.5 - 12.7	23.66	20.79		17.63	15.16	9.76	3.11	635

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
AM200.15A	240	2750	186 - 426	4.7 - 10.7	600	516	97	447	362	160	77	227
AM200.23A	330			6.4 - 14.7								245
AM200.30A	440		120 - 276	5.5 - 12.7	601	528		448	385	248	79	288

Scope of delivery and options

AM200	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	2100	150	6.30	AM200.15A-20	5	0.319	4.7
		150	9.76	AM200.30A-20			5.5
		200	6.30	AM200.15A-20			6.2
		200	9.76	AM200.30A-20			7.5
		350	6.30	AM200.15A-20			10.7
		350	9.76	AM200.30A-20			12.7
	2500	150	6.30	AM200.23A-20	6		6.4
		200	6.30	AM200.23A-20			8.5
		350	6.30	AM200.23A-20			14.7
SI-units							
Suspension	Payload	Speed	Traction sheave	Motor type	Number of ropes	Rope diameter	Motor power
	kg	m/s	mm			mm	kW
2:1	950	0.75	160	AM200.15A-20	5	8.1	4.7
	950	0.75	248	AM200.30A-20			5.5
	950	1.00	160	AM200.15A-20			6.2
	950	1.00	248	AM200.30A-20			7.5
	950	1.75	160	AM200.15A-20			10.7
	950	1.75	248	AM200.30A-20			12.7
	1130	0.75	160	AM200.23A-20	6		6.4
	1130	1.00	160	AM200.23A-20			8.5
	1130	1.75	160	AM200.23A-20			14.7



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

Ventilateur Ziehl Abegg ZATOP AM AM200



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Voir la gamme Ziehl Abegg sur notre site :

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