

Fiche produit Motralec Ziehl Abegg Zasyn SM860 - fiche technique | Motralec

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

External rotor motors ZAsyn

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Drive technology for elevators 2025

ZAsyn gearless elevator machine

SM860



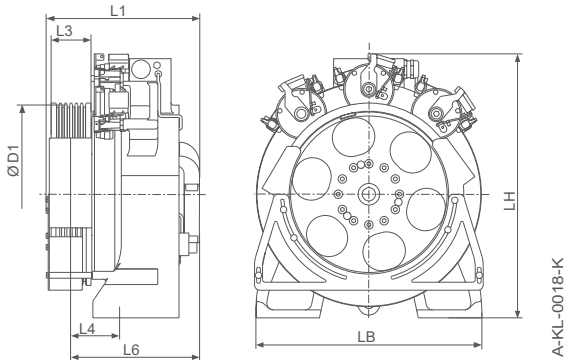
Synchronous motor actuated by permanent magnets and according to the provisions of the Lift Directive 2014/33/EU

- Drive
- NdFeB magnets
 - Perfect for mounting in tight spaces
 - 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

SM860.28AL

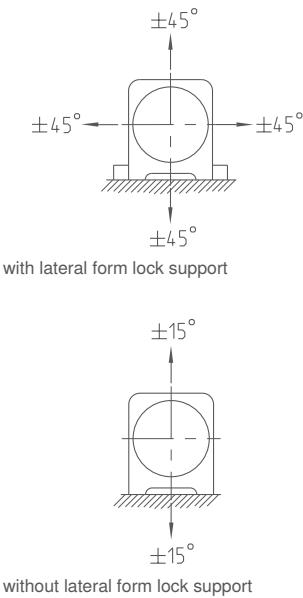


Motor type	Nominal torque Nm	Max. axle load kg	Nominal speed rpm	Rated output power kW	L1 mm	LH mm	L4 mm	L6 mm	LB mm	D1 mm	L3 mm	Weight kg
SM860.28AL-30	2200	8000	40 - 160	9.2 - 37.0	586	1080	153	406	850	480	150	1004
										520		1010
										600		1027
										680		1050

Scope of delivery and options

SM860	Standard	Options
Motor	Gearless elevator machine	-
Traction sheave	See D1	-
Brake	Certified brake system	Mechanical hand release system with bowden cables
Brake monitoring	Microswitch	-
Motor cable	-	10 m, 15 m, 20 m, 25 m halogen free
Absolute encoder	EnDat	SSI / SinCos
Rope guard	2 pieces	-
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	1.00	520	SM860.28AL-30	7	12	9.2	25.5
	1250	2.00	480	SM860.28AL-30	7		22.0	53.5
2:1	1600	2.50	600	SM860.28AL-30	6	10	37.0	80.5
	2000	1.60	680	SM860.28AL-30	6	13	22.0	53.5
	2000	2.50	680	SM860.28AL-30	6	10	37.0	80.5
	2500	1.00	520	SM860.28AL-30	7	13	17.0	43.0
	2500	1.60	520	SM860.28AL-30	7	12	30.0	68.5
	2500	2.00	480	SM860.28AL-30	7		37.0	80.5



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

Moteur Ziehl Abegg ZASYN SM860



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

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