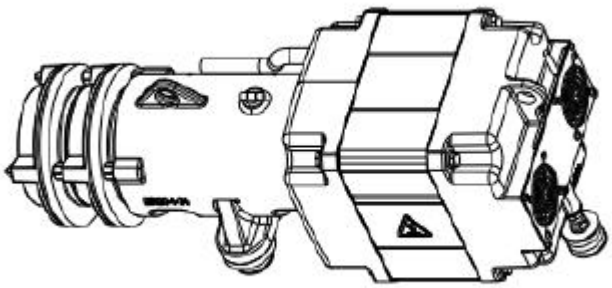
Ascensores Schindler de Colombia S.A.S
MDC

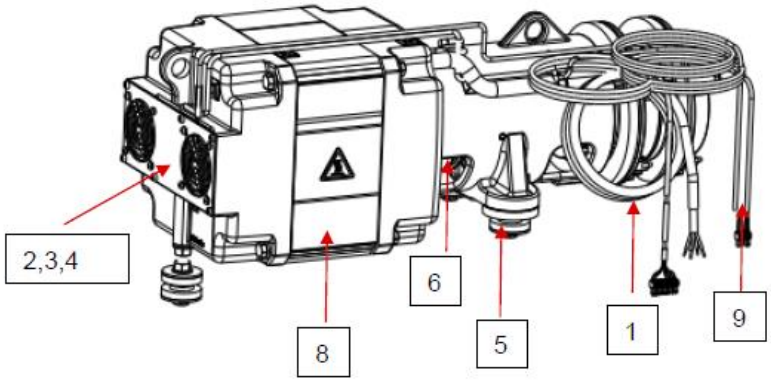
FMB130 de Leroy-Somer



DR FMB 130 información técnica máquina sin reductor

Acerca de este Documento
Este manual se muestra información técnica acerca del componente, para uso de revisión en certificación Retie.

1. Vista General

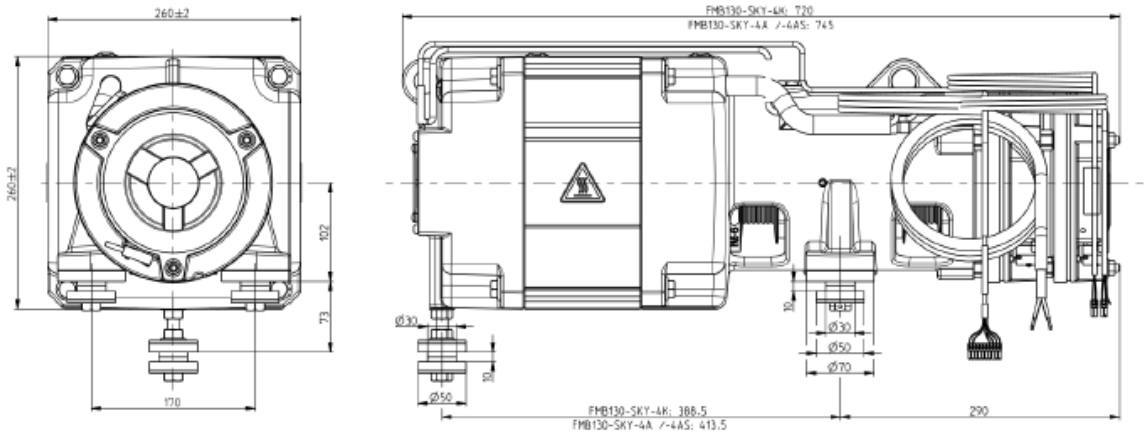


1. Freno
2. Encoder
3. Ventilador
4. Cubierta ventilador
5. Juego de aisladores.
6. Poleas STM
7. Retenedores STM
8. Motor
9. Cableado

2. Características de funcionamiento específicas

Descripción	
Característica	FMB130
VKN(m/s)-velocidad	0.63…1.75
HQ(m)-altura	<75
GQ(kg)-capacidad	400..1150
DD(mm)-diámetro poleas	87
KZU(-)-tracción	2
FDRZ(kN)-fuerza radial	8…22
Edmax(%)	50
UMN(V)-voltaje	180/340
Humedad Relativa	95% sin condensación
altitud a nivel del mar	<2000m, >2000 con reducción de potencia
Rango de temperatura ambiental(C°)	+5..+45

3. Dimensiones y posición de trabajo (Horizontal)



4. Datos Técnicos del motor

Rated Load GQ	Motor Type FMB130-	N° of STM* ZZ	Radial Force FDRZ	Max. rotational speed NMN	Rated Torque (1) TMN	Maximal Torque TMAZ	Brake Torque TBMZ
[kg]			[kN]	[1/min]	(Nm)	(Nm)	[Nm]
≤ 408	KL	2	8	439 (1.00 m/s)	63	93	2 x 65
≤ 544	AL	2	10	439 (1.00 m/s)	78	115	2 x 65
≤ 544	A	2	13	439 (1.00 m/s)	78	115	2 x 65
≤ 680	B	2	13	769 (1.75 m/s)	100	140	2 x 80
≤ 680	BS	2	13	769 (1.75 m/s)	100	140	2 x 88
≤ 1150	CL	2...4	20.5 (ZZ=2) 19.0 (ZZ=3) 22.0 (ZZ=4)	769 (1.75 m/s)	167	245	2 x 105
≤ 1150	C	2...4		769 (1.75 m/s)	167	245	2 x 150
≤ 1150	CS	2...4		769 (1.75 m/s)	167	245	2 x 165

TMN. Torque nominal del motor
TMAZ. Torque admisible de arranque del motor

5. Datos eléctricos del motor

Referencia	Potencia [KW]:	Frecuencia [Hz]:	Voltaje [V]:	Corriente [A]:	Velocidad [1/min]:	_IP_	Fases
FMB130-LS-4KL1040	1,8	10,6	340	7	277	_IP21_	Fases: 3
FMB130-LS-4KL768	2,9	16,7	340	9,5	439	_IP21_	Fases: 3
FMB130-LS-4AL880	2,3	10,7	340	7,5	277	_IP21_	Fases: 3

FMB130-LS-4AL640	3,6	16,1	340	10	439	_IP21_	Fases: 3
FMB130-LS-4A640	2,3	10,7	340	7,5	277	_IP21_	Fases: 3
FMB130-LS-4AU640	3,6	16,1	340	10	439	_IP21_	Fases: 3
FMB130-LS-4A352	3,6	16,1	180	18,5	439	_IP21_	Fases: 3
FMB130-LS-4B512	4,6	16	340	12,5	439	_IP21_	Fases: 3
FMB130-LS-4BS512	4,6	16	340	12,5	439	_IP21_	Fases: 3
FMB130-LS-4BU512	4,6	16	340	12,5	439	_IP21_	Fases: 3
FMB130-LS-4BSU512	4,6	16	340	12,5	439	_IP21_	Fases: 3
FMB130-LS-4B352	6,9	23,3	340	18,5	659	_IP21_	Fases: 3
FMB130-LS-4B304	8,1	27,9	340	21	768	_IP21_	Fases: 3
FMB130-LS-4B272	4,8	16	180	24	439	_IP21_	Fases: 3
FMB130-LS-4B160	8,1	27	180	40	768	_IP21_	Fases: 3
FMB130-LS-4C320	7,7	15,9	340	20	439	_IP21_	Fases: 3
FMB130-LS-4CL320	7,7	15,9	340	20	439	_IP21_	Fases: 3
FMB130-LS-4CS320	7,7	15,9	340	20	439	_IP21_	Fases: 3
FMB130-LS-4C224	11,5	23,2	340	28	659	_IP21_	Fases: 3
FMB130-LS-4C192	13,4	26,9	340	33	768	_IP21_	Fases: 3
FMB130-LS-4CL192	13,4	26,9	340	33	768	_IP21_	Fases: 3
FMB130-LS-4CS192	13,4	26,9	340	33	768	_IP21_	Fases: 3
FMB130-LS-4C176	7,7	15,9	180	36	439	_IP21_	Fases: 3
FMB130-LS-4C96	13,4	26,9	180	66	768	_IP21_	Fases: 3
FMB130-4A640-Basic	3,4	14,9	320	10	398	_IP21_	Fases: 3
FMB130-4A336-Basic	3,3	14,9	320	19	398	_IP21_	Fases: 3

6. Referencia numérica de las normas aplicadas.

Standards and Regulations

Number	Title	Authority
NM 207:1999	Electrical Passenger Lifts - Safety Rules for the Construction and Installation	AMN
Lift Directive 2014/33/EU	Requirements for the Design, Installation and Placing on the Market of New Lifts	CEU
Machinery Directive 2006/42/CE	Directive on the Approximation of the Laws of the Member States Relating to Machinery	CEU
EMC Directive 2004/108/ECC	Requirements Relating to Electromagnetic Compatibility	CEU
EN 12015:2004	Electromagnetic Compatibility - Product Family Standard for Lifts, Escalators and Passenger Conveyors - Emission	CEN
EN 12016:2004	Electromagnetic Compatibility - Product Family Standard for Lifts, Escalators and Passenger Conveyors - Immunity	CEN
EN 13015:2001	Maintenance for Lifts and Escalators: Rules for Maintenance Instructions	CEN
EN 81-80:2003	Safety Rules for the Construction and Installation of Lifts - Existing Lifts	CEN
IEC 60721-3-1	Classification of Environmental Conditions - Part 3: Classification of Groups of Environmental Parameters and Their Severities - Section 1: Storage	IEC
IEC 60721-3-2	Classification of Environmental Conditions - Part 3: Classification of Groups of Environmental Parameters and Their Severities - Section 2: Transportation	IEC
IEC 60721-3-3	Classification of Environmental Conditions - Part 3: Classification of Groups of Environmental Parameters and Their Severities - Section 3: Stationary Use at Weather Protected Locations	IEC