Quotation no: ALI-004944

Project: Order no:



Technical data

ALIMAK SCANDO 650 XL FC-S 27/39 SP

ALIMAK SCANDO 650 XL FC-S 27/39 S	SP	
GENERAL		
Installation country	United Kingdom	
Main regulation	EN 12159:2012	
Drive unit	3x22 kW FC-S	
Hoist setup	Left hung hoist	
Entrance door	Vertical door with threshold ramp	
Exit door	Vertical door with threshold ramp	
C-door	Vertical door 3.2 m	
PERFORMANCE		
Pay load capacity	2700 kg (5900 lbs)	H ²
Number of persons	33 pers	H ²
Average speed up/down at rated payload	1.3-1.67 m/s (78-100 m/min 256- 328 fpm)	
Max lifting height this configuration	100.000 m	C
Cable guiding system	Cable trolley on separate guide	H ¹
Buffer	Hydraulic	V L'
Number of buffers	3	L ² W
Safety device	GFDIII	ZK
Tripping speed	1.9 m/s	
CAR		
Internal car length (L1)	3.900 m	
Internal car width (W)	2.000 m	
Internal car height (H2)	2.800 m	
External car length (L2)	4.080 m	H ₃
Door width, A and B door (K)	2.000 m	
Door opening heights (H1)	2.500 m	
C-gate door width (C)	3.200 m	
Door opening height C door	2.500 m	
Min shaft length (Y)	4.280 m	G^2
Min shaft width (Z)	3.132 m	
ELECTRICAL DATA		- G ¹
Supply voltage	400 V	
Frequency	50 Hz	× ×
Power consumption	105 kVA	
Starting current	174 A	
Recommended power supply fuses	200 A	<u> </u>
Step up trafo fuse	125 A	I
Car voltage	500 V	
Motor power	3x22 kW FC	
Feeding power cable(s)	Trolley, 35 mm2 Trail + Control +	- -
Trailing cable length	50 mm2 Fixed 53.000 m	
TRANSPORT DIMENSIONS AND WEI	GHTS	•
Car weight (incl drive unit)	3,280 kg	•
Drive unit weight	1,200 kg	* Image of the Dans for disc.
Base unit weight (single excl drive)	4,888 kg	* Image shows Base landing
Base unit length	4.572 m	
Base unit width (G1)	3.114 m	
Base unit height	3.639 m	
Total (shipped) weight incl. height components	7,896 kg	

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