



EUROPEAN INSPECTION AND CERTIFICATION COMPANY SA
EU TYPE-EXAMINATION CERTIFICATE FOR SAFETY COMPONENTS
ACCORDING TO EUROPEAN LIFT DIRECTIVE 2014/33/EU ANNEX IV (MODULE B)

Certificate Number:	SCMB.0036 rev.2
Certificate Expiry Date:	18/05/2027
Applicant/Certificate Holder (Name & Address):	Zhejiang Furder Drive Technology CO., LTD. / No. 567 Tunheng Road, Nanxun District, Huzhou City, Zhejiang Province, China
Manufacturer (Name & Address):	Same as applicant
Date of Submission:	02/06/2016
Test Laboratory (Name & Address):	Shanghai Jiao Tong University Elevator Test Center / No. B of Advanced Manufacture Building, School of Mechanical Engineering, No. 800 Dongchuan Road Shanghai, P.R.China
Date and Number of test report:	13/04/2017 No.ETC17F380064 13/04/2017 No.ETC17F380065 06/03/2017 No.ETC17F380010
Approved Type of UCM protection means:	Braking Device as part of the Unintended Car Movement Protection Means
Application:	Acting on the sheave
Models:	VED40
Drawing Number (attached to this certificate):	C11001
Standard(s):	EN81-50:2014
Reference Standard(s)	EN 81-20:2014

EUROCERT SA, aforementioned notified body with identification number 1128, ascertains and certifies that above safety component satisfy the safety requirements of the European Directive 2014/33/EU.

The manufacturer is authorized to provide the safety component described above with the CE Mark as displayed below:

CE1128

Preconditions:

It is required that the above safety equipment must always come with a declaration of conformity and the relevant instructions of use.

Athens, 12/11/2020

INSPECTOR

CHAD WANG

FOR EUROCERT SA

George N. Sifonios
Director of Development

Please check the validity of the certificate from our website using the password **oxj050UD**

Revision No	Description	Issue Date
0	Original Certificate	19/05/2017
1	Model name changed	17/06/2020
2	Address of applicant & Manufacture changed	12/11/2020



Inspections
Cert No.: 53

89 CHLOIS STR. & LIKOVRISEOS, 144 52/METAMORFOSI, ATHENS, GREECE
Tel: ++30 210 62.52.495, 30 210 62.53.927 Fax: ++30 210 62.03.018
Internet site: www.eurocert.gr - e-mail: info@eurocert.gr





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ANNEX A TO CERTIFICATE SCMB.0036 rev.2

TECHNICAL DESCRIPTION

Product Name/ Product Type / Models : *Braking Device as part of the Protection Device against Unintended Car Movement/ VED40(2x965), VED40(2x1340), VED40(2x2200)*

Type of Application : *Braking Device acting on the sheave*

Model	VED40(2x965)	VED40(2x1340)	VED40(2x2200)
System mass ranges	: 1350~4550 (Kg)	2500~5600 (Kg)	1350~7700 (Kg)
Rated Load	: 450~1150(Kg)	1250~1600(Kg)	450~2500(Kg)
Nominal Brake Torque	2x965(Nm)	2x1340(Nm)	2x2200(Nm)
Max. Air Gap:	0.35(mm)	0.35(mm)	0.35(mm)
Max. Response Time:	300(ms)	300(ms)	300(ms)
Diameter of break wheel	288(mm)	310(mm)	392(mm)

Every Safety Component must be labeled with the following information : *Manufacturer's Name
Safety Components Type*



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ANNEX B TO CERTIFICATE SCMB.0036 rev.2

TECHNICAL DRAWINGS

Type	VEE10	VEE11	VEE12
A	276	353	471
B	12	113	28
C	10	18	92
D	226	228	330
E	206	275	397
F	18	44	11
G	115	22	1
H	65	5,25	6
I	371	131	304
J	171	112	174

Weight	kg
276	1,37
226	1,07
206	0,87
110	0,57
10	0,17

Technical requirements:

1. Pull force: 65N. Breaking time: 60s. Brake time range: 8-35s.
2. Marking environment temperature: 50-40°C. Working environment relative humidity: max 90%RH.
3. Insulation class: F.
4. Insulation resistance: >500 MΩ. Working environment relative humidity: max 90%RH. AC gap: 0,25-0,35mm. 250V.
5. Reset release voltage: 65V 50Hz. Lowest pull in voltage: <88V 50Hz.

Load	FRO-1x50-1500	FRO-1x50-1600	FRO-1x50-2500
Stroke	0,5-175	0,5-20	0,5-25
Full stroke force	162x35	167x30	167x20
End stroke force	167x5	167x0	167x0
Stroke gap	0,25-0,35		

Dimension (mm)	VEE10
Stroke	0,5-175
Full stroke force	162x35
End stroke force	167x5
Stroke gap	0,25-0,35

Model	Name	Group	Material
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2	2	2	2
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4	4	4	4
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7	7	7	7
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