Certificate No.
SCMC2.0425

Date of Issue
22/06/2022

Valid From
22/06/2022

The Certificate is valid until
02/12/2028

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

Applicant/Certificate Holder (Name & Address):	Zhejiang Furder Drive Technology CO., LTD. NO.567 Tunheng Road, Nanxun Town, Nanxun District, Huzhou City, Zhejiang Province, China
Manufacturer (Name & Address):	Same as applicant
Date of Submission:	17/05/2022
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 National Elevator Inspection and Testing Center/ No.61, Jingsang Avenue, Langfang City, Hebei, P.R. China
Date and Number of test report:	28/09/2021 No. T14-F350-21-161; 29/04/2022 No. ETC22F350Y2017 26/01/2021 No. T14-F350-22-002 16/07/2021 No. T14-F350-21-089
Approved Type of ascending car overspeed protection means:	Braking Device as part of the Lift Ascending Car
Application of ascending car overspeed protection means:	Overspeed Protection Means Acting on the traction sheave shaft, as part of the protection device against overspeed of the car moving in upwards direction
Model of ascending car overspeed protection means: Standard(s):	VED40 EN81-50:2014, EN81-20:2014, EN81-50:2020, EN81-20:2020
Drawing Number (attached to this certificate):	D2201907, D2200825, D2202649, D2203450

EUROCERT SA, abovementioned 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:

CE 1128

Preconditions
It is required that the above safety equipment must always come with a declaration of conformity and the relevant instructions of use.
Please check the validity of the certificate from our website using the password: **SSqE0VMJ**

Revision No.	Description	Issue Date
0	Original Certificate	03/12/2018
1	Model name and Address of applicant & Manufacturer changed	17/06/2020
2	Technical information update	06/11/2021
3	Technical information update	22/06/2022

INSPECTOR

CHAD WANG

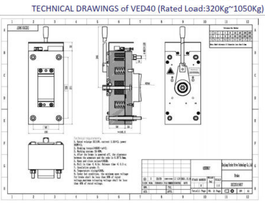
ANNEX A
CERTIFICATE No.: SCMC2.0425
TECHNICAL DESCRIPTION

Product Name/ Product Type / Model	:	BRAKING ELEMENT AS PART OF THE ASCENDING CAR OVERSPEED PROTECTION MEANS / VED40		
Type of Application	:	Braking Device acting on the traction sheave shaft		
Model	:	VED40		
Permissible system total mass (empty car mass + counterweight e.t.c.) (Kg)	:	928~3425	1350~5600	1826~6810	3200~10000
Range of balance coefficient	:	0.40~ 0.50	0.40~ 0.50	0.40~ 0.50	0.40~ 0.50
Tripping speed range of overspeed governor (m/sec)	:	0.575~2.563	≤ 3.55	0.29~2.89	0.575~4.216
Rated speed range of elevator(m/sec)	:	0.5~1.75	≤2.50	0.25~2.00	0.50~3.00
Every Safety Component must be labeled with the following information	:	*Manufacturer's Name* *Safety Components Type* *Batch or Serial Number*			

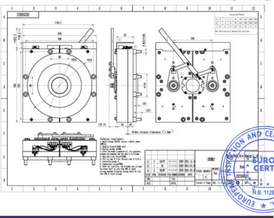
Conditions :
1) Since the brake device represents only a part of the protection device against overspeed for the car moving in upwards direction an overspeed governor as per EN 81-20, paragraph 5.6.2.2.1 must be used to monitor the upward speed as well as the downwards speed and the brake device must be triggered (engaged) via the overspeed governor's electric safety device.
2) The mechanical movement of each brake circuit is to be monitored separately and directly. If a brake circuit fails to engage (close) while the lift machine is at standstill, next movement of the lift must be prevented.
3) In cases where the lift machine moves despite the brake being engaged (closed), the lift machine must at the latest be stopped and the next movement of the lift must be prevented.

ANNEX B
CERTIFICATE No.: SCMC2.0425
TECHNICAL DRAWINGS

TECHNICAL DRAWINGS of VED40 (Rated Load:320Kg~1050Kg)

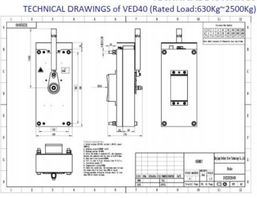


TECHNICAL DRAWINGS of VED40 (Rated Load:320Kg~1600Kg)



ANNEX B
CERTIFICATE No.: SCMC2.0425
TECHNICAL DRAWINGS

TECHNICAL DRAWINGS of VED40 (Rated Load:630Kg~2500Kg)



TECHNICAL DRAWINGS of VED40 (Rated Load:1600Kg~3000Kg)