



Certificate No.
SCMC2.0535

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

Date and Number of test report: National Elevator Inspection and Testing Center/ No.61, Jinguang Avenue, Langfang City, Hebei, P.R. China
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: Overspeed Protection Means

Application of ascending car 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: VED40

Standard(s): EN81-50:2014, EN81-20:2014, EN81-50:2020, EN81-20:2020

Drawing Number (attached to this certificate): D2201907, D2200825, D2202649, D2203450

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:

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 & Manufacture changed	17/06/2020
2	Technical information update	06/11/2021
3	Technical information update	22/06/2022



INSPECTOR
Chad Wang
CHAD WANG



**ANNEX A
CERTIFICATE No.: SCMC2.0535
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

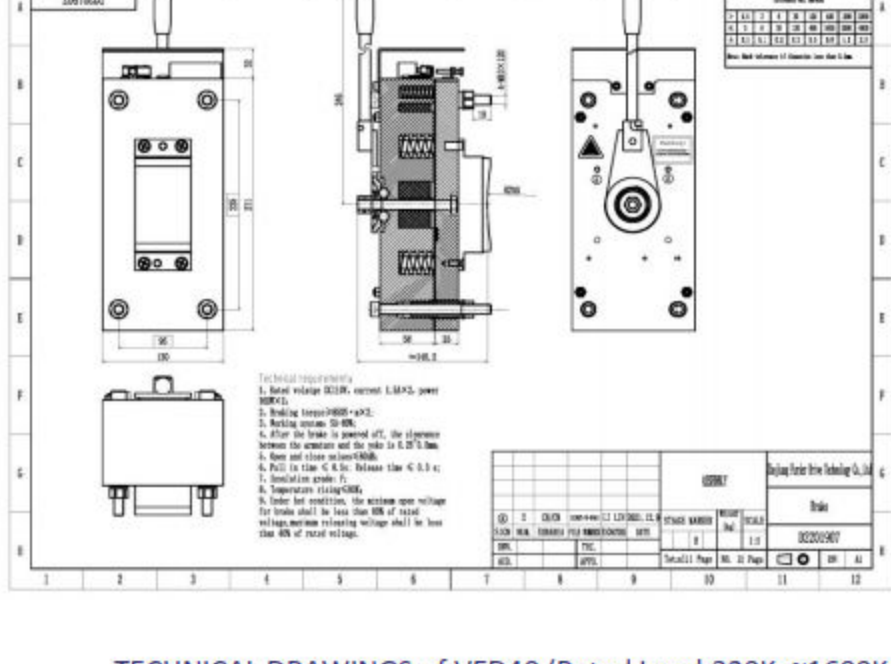
Manufacturer's Name
Safety Components Type
Batch or Serial Number

- 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.

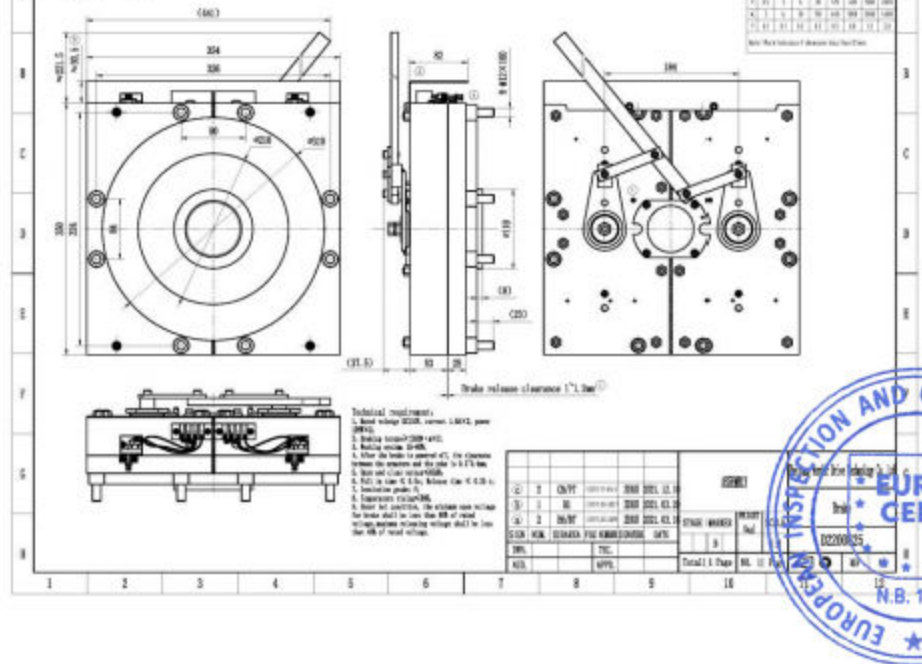


**ANNEX B
CERTIFICATE No.: SCMC2.0535
TECHNICAL DRAWINGS**

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

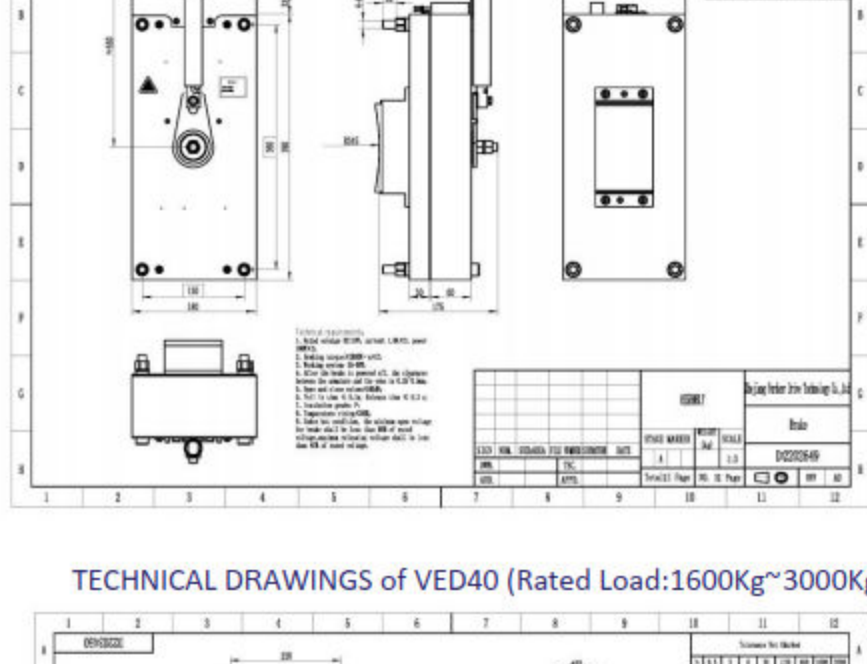


TECHNICAL DRAWINGS of VED40 (Rated Load:320Kg~1600Kg)



**ANNEX B
CERTIFICATE No.: SCMC2.0535
TECHNICAL DRAWINGS**

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



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

