



EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

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

Certificate Number:	SCMB.0089
Certificate Expiry Date:	04/06/2027
Applicant/Certificate Holder (Name & Address):	HePu Power Co., Ltd. / No. 26 Yingbin Avenue, Zhaoqing National Hi-Tech Industrial Development Zone, Zhaoqing City, Guangdong Province, P.R. China
Manufacturer (Name & Address):	Same as applicant
Date of Submission:	28/04/2017
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:	23/02/2017 No. ETC16F350094 23/02/2017 No. ETC16F350095
Approved Type of ascending car overspeed protection means:	Braking Device as part of the Lift Ascending Car 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
Models:	GZD-3(2x400Nm), GZD-3(2x1300Nm)
Drawing Number (attached to this certificate):	DSZ400MT, DSZ1300MT
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:

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.

Athens, 05/06/2017

INSPECTOR

Chad Wang

CHAD WANG

FOR EUROCERT SA

Konstantinos Psychogios
Konstantinos Psychogios
Construction Products and Laboratories
Manager



Inspections
Cert No.: 53

Please check the validity of the certificate from our website using the password Q312Z02m

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ANNEX A TO CERTIFICATE SCMB.0089

TECHNICAL DESCRIPTION

Product Name/ Product Type / Model	:	BRAKING ELEMENT AS PART OF THE ASCENDING CAR OVERSPEED PROTECTION MEANS / GZD-3(2x400Nm), GZD-3(2x1300Nm)	
Type of Application	:	Braking Device acting on the traction sheave shaft	
Model	:	GZD-3(2x400Nm)	GZD-3(2x1300Nm)
Permissible system total mass (empty car mass + counterweight e.t.c.)	:	1125 - 3500(Kg)	2500 - 8000(Kg)
Permissible car mass	:	450 - 1450 (Kg)	950 - 3450 (Kg)
Permissible rated load with suspension ratio of 2:1	:	250 -1000 (Kg)	1000-2000 (Kg)
Range of balance coefficient	:	0.40 – 0.50	0.40 – 0.50
Tripping speed range of overspeed governor	:	$\leq 2.89(m/sec)$	$\leq 2.89(m/sec)$
Rated speed range of elevator	:	$\leq 2.0(m/sec)$	$\leq 2.0(m/sec)$
Diameter of break wheel	:	206(mm)	300(mm)
Every Safety Component must be labeled with the following information	:	Manufacturer's Name Safety Components Type	

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.



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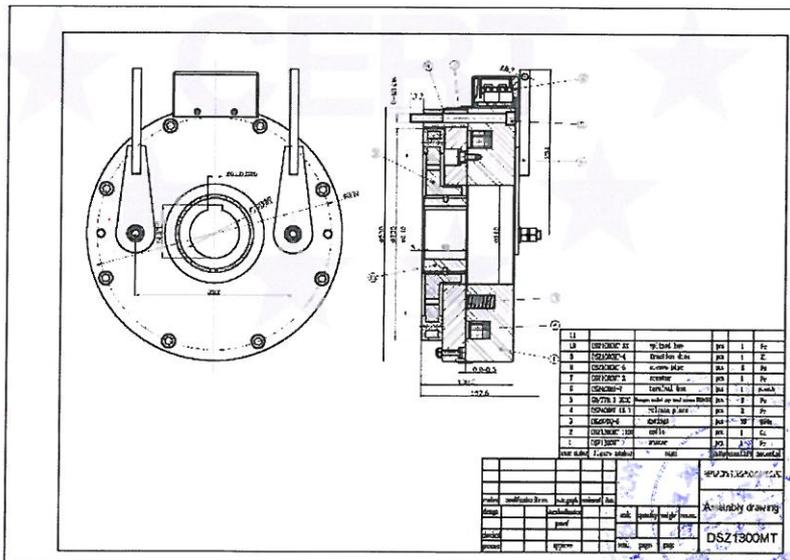
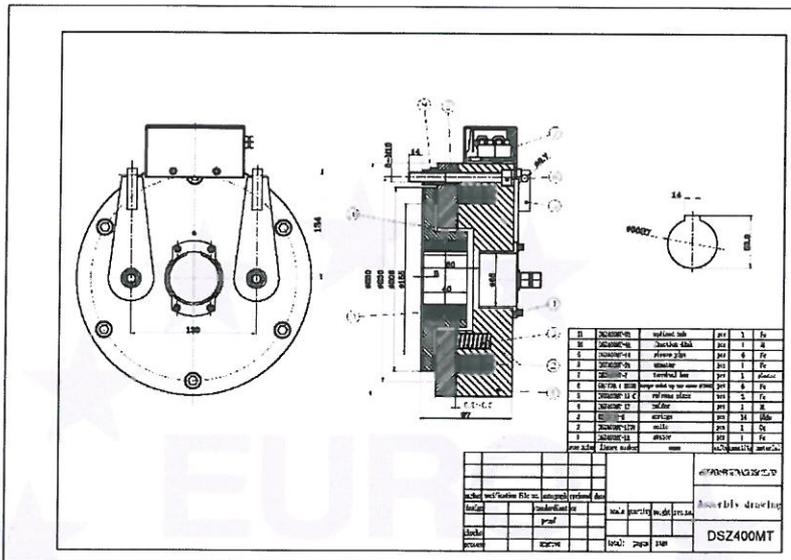




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ANNEX B TO CERTIFICATE SCMB.0089

TECHNICAL DRAWINGS



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