

# EU-TYPE EXAMINATION CERTIFICATE

Issued by Liftinstituut B.V.  
identification number Notified Body 0400,  
commissioned by Decree no. 2016-0000038870

Certificate no. : NL12-400-1002-036-21 Revision no.: 4

Description of the product : Brake as Ascending safety device (ASD) to prevent uncontrolled upward movement of the car and as Unintended Car Movement Protection (UCMP) means

Trademark, type : Akar Asansör, Brakes: BR210S, BR320S and BR425S in combination with motor: SMT140 AC-10, SMT140 AC-15 and SMT140 AC-20

Name and address of the manufacturer : AKAR Asansör Motor Makina Sanayi LTD.ŞTİ  
Araptepe Mevkii Sanayi ve Depolama Alanı 5006 Sok. No:18,  
Selimpaşa-Silivri, Istanbul, Turkey

Name and address of the certificate holder : AKAR Asansör Motor Makina Sanayi LTD.ŞTİ  
Araptepe Mevkii Sanayi ve Depolama Alanı 5006 Sok. No:18,  
Selimpaşa-Silivri, Istanbul, Turkey

Certificate issued on the following requirements : Lifts Directive 2014/33/EU

Certificate based on the following standard : Parts of: EN 81-1/2:1998 + A3:2009,  
EN 81-20:2014, EN 81-50:2014

Date of EU-type examination : August – December 2011, January – March 2012, March 2015,  
August 2017, March 2020

Additional document with this certificate : Report belonging to the EU-type examination certificate  
no.: NL12-400-1002-036-21REV.4

Additional remarks : Brake Type 210S 320S 425S  
Nom Torque 350 530 750 Nm  
T<sub>10</sub> 90 70 60 ms  
T<sub>90</sub> 230 220 200 ms  
Max tripping rpm 384 366 586 rpm  
Max tripping speed 2,415 2,3 2,53 m/s  
The brakes are equivalent to the requirements in art. 12.4.2.1 of  
EN81-1:1998+A3:2009 and in art. 5.9.2.2.2 of EN81-20:2014.  
Furthermore see chapter 5 of the report belonging to this EU  
type examination certificate.

Conclusion : The safety component meets the requirements of the Lifts  
Directive 2014/33/EU taking into account any additional remarks  
mentioned above.

Amsterdam

Date : 24-03-2020  
Valid until : 24-09-2020

ing. J.L. van Vliet  
Managing Director

Certification decision by