



EU TYPE EXAMINATION CERTIFICATE

Nr.: LDsq08-0608-0137-22

METROPLAST ASANSÖR SANAYİ VE TİCARET ANONİM ŞİRKETİ

DERİ OSB MAH. TABAKHANE CAD. İSTANBUL DERİ OSB SİTESİ YC-10 ÖZEL PARSEL NO: 3 TUZLA, İSTANBUL

D KARE GÖZETİM TEST VE BELGELENDİRME TİC. LTD. ŞTİ.;

Evaluated and approved that the safety component for lifts manufactured by the company stated above meets the essential health and safety requirements of the Lifts Directive 2014/33/EU Annex I.

2014/33/EU Annex IV/A EU Type examination of safety components for lifts (Module B)

PRODUCT;

Description	: Devices to prevent falls referred to in point 3.2 of Annex I to prevent the car from falling or uncontrolled movements of Lifts Directive 2014/33/EU
Name	: Unidirectional and Bidirectional Progressive Safety Gear
Trade Mark	: METROPLAST
Type	: PRO 5000
Type Variants	: PRO 5000-I, PRO 5000-II
Basic Specifications	: Detailed annex of this certificate

Re-evaluation should be performed by D KARE if any change occur on the design of the types stated in annex of this certificate or any change occur on the relevant harmonised standard.

This certificate is issued according to the findings stated in final report Nr. LDsq08-0607-0137-22 dated 07/06/2022 and final report Nr. LDsq08-1020-0137-23 dated 20/10/2023.

Inspection and test methods stated in harmonised standards EN 81-20:2020 and EN 81-50:2020 has been applied during conformity assesment process.

This copy is the English translation of the original document. In case of disagreement, the Turkish version prevails.

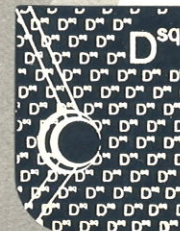
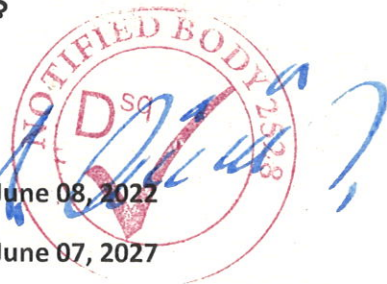
Mustafa GÖRMÜŞ

Director

Issue Date : June 08, 2022

Valid to : June 07, 2027

Revision Date/Nr.: January 20, 2026/03



Ürün
TS EN ISO/IEC 17065
AB-0133-U



LIFTS-2528-2600033

ANNEX OF TYPE EXAMINATION

CERTIFICATE

Nr.: LDsq08-0608-0137-22

Owner of the certificate : METROPLAST ASANSÖR MALZEMELERİ İMALAT LTD. ŞTİ.
Manufacturer : METROPLAST ASANSÖR MALZEMELERİ İMALAT LTD. ŞTİ.
Manufacturer's address : İ.D.O.S.B. Tabakhane Cad. No:3 YC-10 Özel Parsel
Tuzla, İstanbul, Turkey

Description: Devices to prevent falls referred to in point 3.2 of Annex I to prevent the car from falling or uncontrolled movements of Lifts Directive 2014/33/EU

Application areas:

- ✓ Electrical and Hydraulic Lifts

Data / Type	PRO 5000		
	PRO 5000-I, PRO 5000-II		
Guide Rail Thickness (mm)	9, 10	9, 10	9, 10
Max/Min Mass (P+Q) (kg)	(*) 2100 / 700	(*) 1850 / 700	(*) 1650 / 700
Maximum tripping speed (m/sn)	1,50	1,71	2,16
Condition of Guide Rail Surface	Machined – Drawn		
Lowest Width of Catching Surface(mm)	12		
Type of oil	HLP 32, HLP 37, HLP 46		
Serial Nr and Manufacture Year	Test Sample / 2022		

Table 1. Technical specification about product

(*) When choosing a progressive safety gear for different rail thicknesses, it should be selected in accordance with the rail calculations specified in EN 81-50:2020 article 5.10 by taking into account the maximum capacity of the progressive safety gear. Guide Rail installations must be made in accordance with this calculation.

Data / Type	PRO 5000					
	PRO 5000-I, PRO 5000-II					
Guide Rail Thickness (mm)	16, 19					
Max/Min Mass (P+Q) (kg)	5500 / 1000	5000 / 1000	4400 / 1000	4000 / 1000	3500 / 1000	3000 / 700
Maximum tripping speed	< 1,50 (*)	1,50	1,71	2,16	2,62	3,22
Condition of Guide Rail Surface	Machined – Drawn					
Lowest Width of Catching Surface (mm)	12					
Type of oil	HLP 32, HLP 37, HLP 46					
Serial Nr and Manufacture Year	Test Sample / 2022					

Table 2. Technical specification about product

(*) It is validated to rated speed which is less than 1,0 m/s and maximum tripping speed which is less than 1,50 m/s.

Type of guide rails: T50/A, T70/A, T75/A, T75/B, T78B, T82A, T89/A, T89/B, T90/A, T90/B, T114/B, T125/B, T127/B, T140/B

Condition of Guide Rail Surface: Machined – Drawn

Oil Condition of guide rails : oiled or non oiled

Declared electrical safety device informations:

ELECTRICAL SAFETY DEVICE INFORMATION			
Type	CLS		
Manufacturer	GLORIOUS	Number of Certificate / Test Report	CNB3180116-00042-L-D CNB3180116-00033-E-D
Current / Voltage lectricCurrent	5 A 250 VAC / 0.3 A 220 VDC	Protection of Electrical Safety Device	IP65

Send Date of sample safety gears: 09.05.2022, 26.09.2023

Type Examination Date: 02-03.06.2022, 02-03.10.2023

Test Laboratory: D KARE GÖZETİM TEST VE BELGELENDİRME TİC. LTD. ŞTİ.

Conformity Assesment Standards: EN 81-50:2020, EN 81-20:2020

The progressive Safety gear is also used as a braking device, together with the approved detection and triggering devices that are part of the uncontrolled car movement protection devices.

The type approval must be updated in case the design in the approved technical drawing is changed and / or a contact/switch other than the specified electrical contact/ switch is used. Type examination certificate can be used for products conforming to the information given in this annex.

CEM ÇELİK

Technical Regulation Chief

Issue Date : June 08, 2022

Valid to : June 07, 2027

Revision Date/Nr.: October 24, 2023/03



Annexes: Technical Drawings

