



**Strojirenský zkušební ústav, s.p.**  
**(Engineering Test Institute, Public Enterprise)**  
**Notified Body 1015**

# CERTIFICATE

## EU TYPE EXAMINATION

**Modul B**  
**Number: I-61-22461/17/ZZ**

issued in accordance with part A, Annex IV of the European Parliament and Council Directive 2014/33/EU

Manufacturer:

**METROPLAST ASANSÖR MALZEMELERİ İMALAT LTD. ŞTİ**  
IDOSB Tabakhane Cad. No: Yc-10 Özel Parsel, Tuzla, İstanbul, Turkey

Product:

**Safety component - Energy dissipating buffers**

Type:  
**HT**

Versions:  
**HT 16-102, HT 20-114, HT 25-114**

Product specifications:  
**see Annex No. I-61-22461/17/ZZ/1**

The above introduced Notified Body by this Certificate **certifies the conformity** of the subject sample of safety component properties with the requirements of the


**European Parliament and Council Directive 2014/33/EU**  
**according to Annex IV (module B)**

The basis for this Certificate issue is the conformity assessment carried out according to Module B, evaluated in the Part I of the Inspection finding, Inspection Report No 66.-13517/6 dated August 25, 2017. An integral part of this Certificate is the Annex No. I-61-22461/17/ZZ/1 dated August 25, 2017.

Rules for handling the certificate are stated in the conclusions of inspection reports.

Validity of the Certificate EU type examination is limited on period of 5 years.  
In Brno, on August 25, 2017



  
Ing. Aleš Onderek  
Deputy director

This Certificate consists of 1 Page + 2 Page of the Annex.



# Annex No. I-61-22461/17/ZZ/1

1. The safety component samples were submitted for the purpose of the conformity assessment on August 12, 2017.

2. The EU Type Examination Certificate was issued based on the following client's documents:

- Technical files,
- Hydraulic buffer montage and maintenance manual
- Product parameters
- Material list
- Technical drawings (Hidrolik tampon, Gövde, Yay, Üst lastik, Alt lastik takoz, Piston,)
- Welding specifications procedure of manufacturer.
- Manufacturer declaration of safety switch
- Material safety data sheet of oil

Inspection Record Type Examination of Energy dissipating buffers (acc. to EN 81-50), File No. 0794/17/0321/6.1/16 a, b and c dated August 12, 2017

3. Detailed technical data specifying technical equipment:

Name: **Safety component - Energy dissipating buffers according to Clause No. 4 (b) of the Annex III of the European Parliament and Council Directive 2014/33/EU**

Type: **HT**

Versions: **HT16-102, HT 20-114, HT 25-114**

Data/type	HT 16-102			HT 20-114				HT 25-114				
	V=1,0 0	V=1,2 0	V=1,60	V=1,0 0	V=1,2 0	V=1,60	V=2,0 0	V=1,0 0	V=1,2 0	V=1,60	V=2,0 0	V=2,5 0
The max. impact speed (m/s)	1,00	1,20	1,60	1,00	1,20	1,60	2,00	1,00	1,20	1,60	2,00	2,50
The max. mass (kg)	2400	1975	1750	3500	3250	3050	2800	3700	3500	3250	3000	2500
The min. mass (kg)	500	500	500	500	500	500	500	500	500	500	500	500
Diameter buffer (mm)	102	102	102	114	114	114	114	114	114	114	114	114
Stroke (mm)	180	180	180	270	270	270	270	422	422	422	422	422
Height from buffer (mm)	540	540	540	820	820	820	820	1150	1150	1150	1150	1150
Ambient conditions - temperature (°C)	40	40	40	40	40	40	40	40	40	40	40	40
Ambient conditions humidity (%)	45	45	40	45	45	45	45	45	45	45	45	45
Type of oil	ISO 68	ISO 68	ISO 68	ISO 68	ISO 68	ISO 68	ISO 68	ISO 68	ISO 68	ISO 68	ISO 68	ISO 68

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4. Conditions of validity:

The EU Type Examination Certificate is valid only for safety component specified in the Clause 3 of this Annex.

The subject of an assessment was the sample of safety component, introduced in the Inspection Report No. 66-13517/6 dated August 25, 2017.

It is forbidden to change, add or rewrite data within the Certificate. The Certificate may not be used as Certificate of safety component, at which was made any change influencing conformity with the used technical regulations or normative documents without approval of the Notified Body, which issued the Certificate. General conditions of the Certificate validity are introduced in the conclusion of the Inspection Report No. 66-13517/6 dated August 25, 2017.

The Certificate No. I-61-22461/17/ZZ may be copied only as whole, including the Annex No. I-61-22461/17/ZZ/1.

Compiled by: Ing. Jaroslav Růžička

Brno, August 25, 2017

