

Declaration of performance

No. 3/2013

Product: Hydraulic Door Closer
Type: R12; R12A; R12A-Elma; R12A-LOB
Size: 11; 12; 13; 14

Intended use of the product :

The manually operated mechanism for closing the door, where the energy for closing is exerted by the user when opening the door after releasing the door controlled process returns to the closed position.

Manufacturer:

BRANO a.s.
747 41 Hradec nad Moravicí, Opavská 1000, the Czech Republic
ID No.: 45193363 TIN: CZ54193363

System of assessment and verification of constancy of performance of the construction product: System 1

The notified body:

Engineering Test Institute, Public Enterprise (SZU branch 2)
Jablonec nad Nisou the Czech Republic NB 1015 AO 202

Certificates:

1015-CPD-E-30-20426-06; 1015-CPD-E-30-20427-06

Essential characteristics	Size	Performance	Harmonised technical specification
Durability	11	500 000 test cycles	ČSN EN 1154:1998 A1:2003/AC:2006
	12	500 000 test cycles	
	13	500 000 test cycles	
	14	500 000 test cycles	
Closing moment From 0° to 4°	11	9 – <13 Nm	ČSN EN 1154:1998 A1:2003/AC:2006
	12	13 – <18 Nm	
	13	18 – <26 Nm	
	14	26 – <37 Nm	
Efficiency	11	Min 50%	ČSN EN 1154:1998 A1:2003/AC:2006
	12	Min 50%	
	13	Min 55%	
	14	Min 60%	

Product performance are in agreement with those listed in the table.

This declaration of performance is issued under the sole responsibility of the manufacturer.

Hradec nad Moravicí

23.02.2016

Ing. Lukáš Thomas

Place

Date

Director of SBU ZZ Brano a.s.