

Declaration of performance

No. 5/2013

Product: Hydraulic Door Closer
Type: P221
Execution: S, SS, D, DS
Size: 3

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 4

The notified body:

Certificates:

Essential characteristics	Type / Size	Performance	Harmonised technical specification
Durability	P221S / 3	500 000 test cycles	ČSN EN 1154:1998 A1:2003/AC:2006
	P221SS / 3		
	P221D / 3		
	P221DS / 3		
Closing moment From 0° to 4°	P221S / 3	18 - <26 Nm	ČSN EN 1154:1998 A1:2003/AC:2006
	P221SS / 3		
	P221D / 3		
	P221DS / 3		
Efficiency	P221S / 3	Min 55%	ČSN EN 1154:1998 A1:2003/AC:2006
	P221SS / 3		
	P221D / 3		
	P221DS / 3		
The Fire Resistance	P221S / 3	NPD	ČSN EN 1154:1998 A1:2003/AC:2006 ČSN EN 1634-1:2009
	P221SS / 3		
	P221D / 3		
	P221DS / 3		

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

16.02.2016

Ing. Lukáš Thomas

Place

Date

Director of SBU ZZ Brano a.s.