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**Fire protection assessment/ Test certificate, file number: 08061313-1e, fire test according to EN 1634, part 2 with a double-leaf metal revolving door with posts made of the steel system profile Jansen C4 from the company AluKönigStahl GmbH with panels and mounted mechatronic profile cylinders „Digital 1435 MID“ from the company KABA GmbH (type designation: „1435 MID“)**

Because of the fire test which has been carried out at the notified test institute IBS Linz it can be confirmed, that a double-leaf metal revolving door element made of Jansen C4 steel profiles from the company AluKönigStahl GmbH with mounted profile cylinders, type „Digital 1435 MID“, from the company KABA GmbH, Ulrich-Bremi-Straße 2, 3130 Herzogenburg, meets the test requirements according to ÖNORM EN 1634, part 2.

### Tested door element:

#### Double-leaf metal revolving door

Made of the steel system profile Jansen C4 from the company AluKönigStahl GmbH. The exact door leaf construction is deposited at the test institute IBS Linz.

Door frame thickness: 70 mm  
Door leaf dimensions: 530 x 1100 mm (W x H)  
Clear opening: 490 x 1060 mm (W x H)

The fire load took place from the closing side over a period of 95 minutes and 20 seconds.



### **Test date**

On 12<sup>th</sup> May 2010 a fire test according to EN 1634, part 2, has been carried out at the test institute IBS Linz at the metal door element with mounted mechatronic profile cylinders „Digital 1435 MID“.

### **Mechatronic profile cylinder**

According to the information of the manufacturer, mechatronic profile cylinder „Digital 1435 MID“ as described in the enclosure.

The mechatronic profile cylinder „Digital 1435 MID“ has been chosen as representative type for the fire test after checking the submitted documents (drawings, bills of material) as well as on the basis of samples of the mentioned locking cylinder series.

Two mechatronic profile cylinders „Digital 1435 MID“ identical in construction got built in into the test specimen in such a way, that both sides were exposed to fire.

The fire test has been carried out according to the test requirements of ÖNORM EN 1634, part 2. Because of the assembly of the mechatronic profile cylinder „Digital 1435 MID“ there were no fire protective disadvantages recognizable during the time of the fire load. Therefore it can be confirmed, that the above mentioned and described mechatronic profile cylinder is suitable for the use in fire protection doors.

### **Construction- resp. functional description**

The digital cylinder is an electronic access authorization with non-contact data transfer, whereby the outside knob is connected after authorization. The security-related electronics with energy supply (battery) are installed in the rotor behind the protection against drilling. The purely mechanical inside knob is firmly coupled with the closing catch.



The exact construction design is shown in the enclosed drawing.

**IBS-INSTITUTE FOR FIRE PROTECTION ENGINEERING  
AND SAFETY RESEARCH GESELLSCHAFT M.B.H.**  
Accredited testing and inspection body

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Enclosure:  
Construction drawing (1 page)