

Test Certificate

No. 201308E-001

Product Air door with/without sliding door brake (item no. 10.06.365)

Testing of the opening force of an Air Door (width 1000 mm x height 2670 mm)

1. Inspection and test record with sliding door brake

2. Inspection and test record without sliding door brake to ascertain the rolling resistance

Processing parameter:

Testing instrument: Load cell up to 100 N, test center
 Test object: sliding door brake Air (item no. 10.06.365)
 Procedure distance: 150 mm
 Acceleration: 0,06 m/s²
 Speed: 0,06 m/s
 Holding time: 5 s
 Cycles: 10
 Measuring height: 1100 mm

The measurements show the following results:

Item	Door type	Weight	Required force	Average force
1	Air Door with sliding door brake	23 kg	15,2 - 16,6 N	16 N
		43 kg	16,9 - 20,7 N	19 N
		63 kg	18,4 - 22,1 N	20 N
2	Air Door without sliding door brake	23 kg	5,3 - 8,9 N	7 N
		43 kg	9,9 - 13,7 N	12 N
		63 kg	13,1 - 16,5 N	15 N

Classification according to DIN EN 1527 1998-12

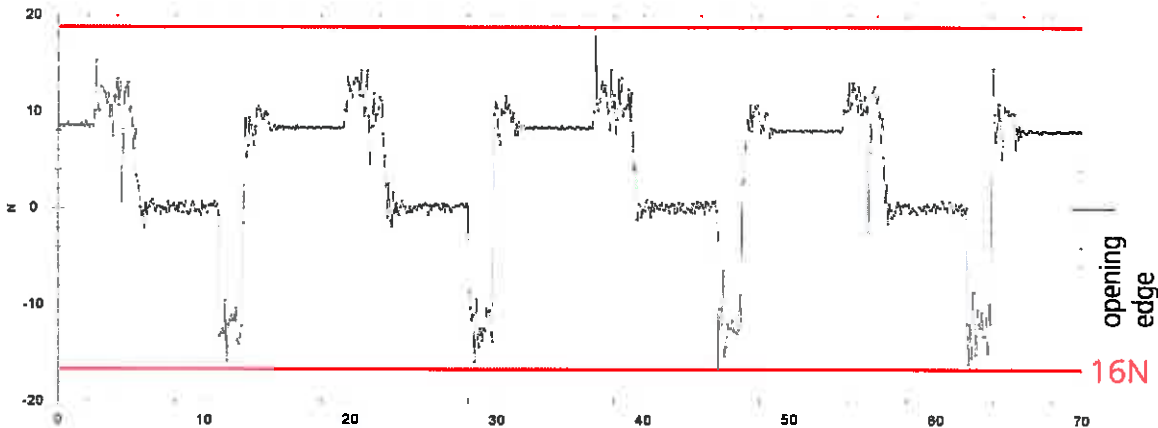
23 kg and 43 kg

5	1	0	0	1	1
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63 kg

5	2	0	0	1	1
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Measurement report: item 1 weight 23 kg



Remarks:

Air Doors tested with sliding door brake, item no. 10.06.365 with 12 N gas spring ± 2N. The weight of the tested door has progressively been increased with weight plates.

Approved by:
 Dirk Lesemann
 Technics & Product Development Manager

D. V. [Signature]
 2-11/8/13



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