

EN 15727 Test Report Casing Air Leakage Rate

Date: 14-8-2018

Test Reference Number:

M140818-01/TAB

Place: Waalwijk

Tested by: Tom Absil

Witness by: Sander v/d Hoven

MR/vs010315

Model (name/type): BDER-30-100-600

Result:

Class D

Air temperature (°C)	22
Atmospheric pressure (Pa)	101190
Correction factor	0,992
Case width (m)	0,200
Case Height (m)	0,200
Duct Length (m)	0,6
Other	

Pressure time	120 sec.	(standard)
Surface Area:	0,38	m ²

Measuring Equipment:

Air leakage tester type: Lindab LT600

Serial No: .

Date certification: .

Calibration cert.nr. .



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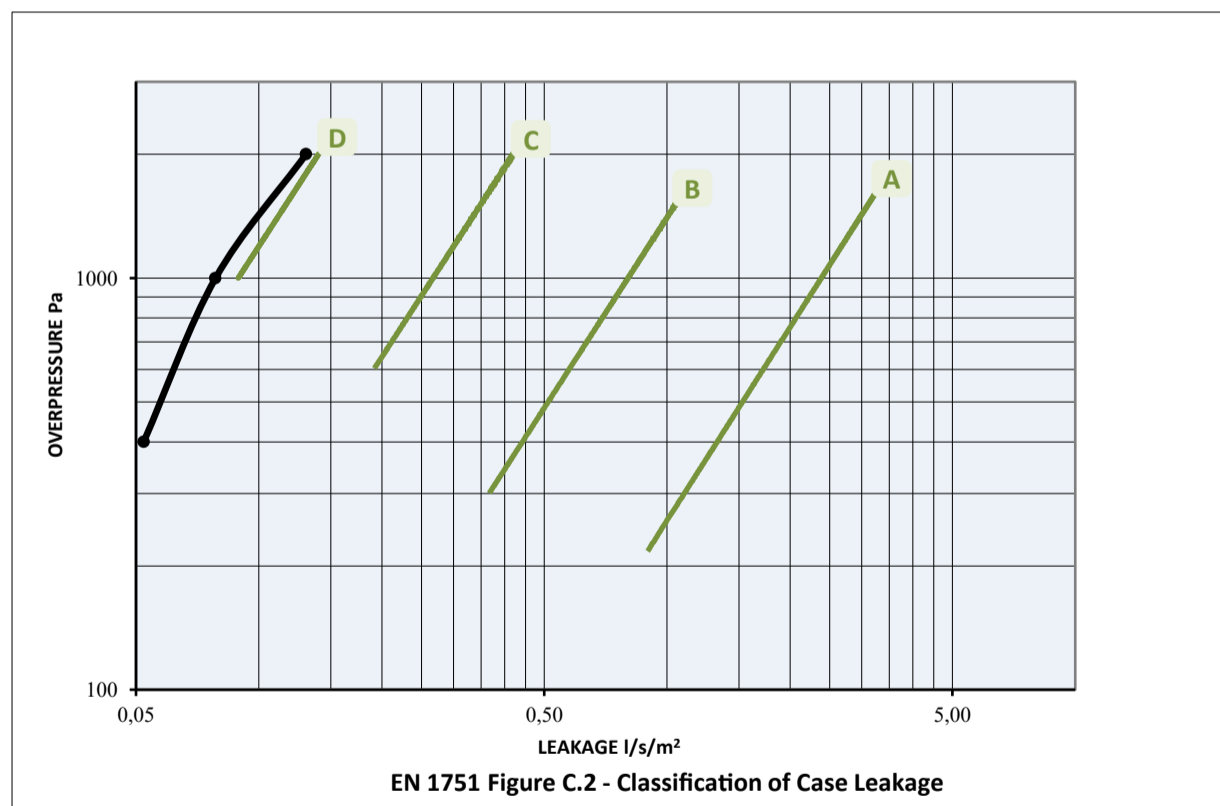
Reading	Static Pressure (Pa)	Leakage (N l/s)	Rig Leakage (l/s)	Leakage Duct Surface (l/s/m ²)	Corrected	Approximate			
						EN 1751 Class A (l/s/m ²)	EN 1751 Class B (l/s/m ²)	EN 1751 Class C (l/s/m ²)	EN 1751 Class D (l/s/m ²)
1	400	1,04	1,02	0,053	0,052	1,326	0,442	-	-
2	1000	1,71	1,68	0,079	0,078	-	0,802	0,267	0,089
3	2000	2,44	2,39	0,132	0,131	-	-	0,420	0,140

Duct Pressure Class	Static pressure limit		Maximum Air Velocity	Air leakage limits litres per second per square metre of duct surface area
	Positive	Negative		
1	2	3	4	5
	Pa	Pa	m/s	l/s/m ²
Low - Class A	500	500	10	$0.027 \times p^{0.65}$
Medium - Class B	1000	750	20	$0.009 \times p^{0.65}$
High - Class C	2000	750	40	$0.003 \times p^{0.65}$

Picture component



Picture from test



Visual deformation?	No
@ Pa:	x

Approved and certified by

Certificate nr. :

