

EN 15727 Test Report Casing Air Leakage Rate

Date: 5-8-2019	Test Reference Number: M050819-02/TAB	MR/vs010315
Place: Waalwijk	Tested by: Tom Absil	Witness by: F. Fonken
Model (name/type): BDER-60-250-1200		Result: Class D

Air temperature (°C)	23
Atmospheric pressure (Pa)	101020
Correction factor	0,987
Case width (m)	0,450
Case Height (m)	0,450
Duct Length (m)	1
Other	

Pressure time	120 sec.	(standard)
Surface Area:	0,94	m ²

Measuring Equipment:

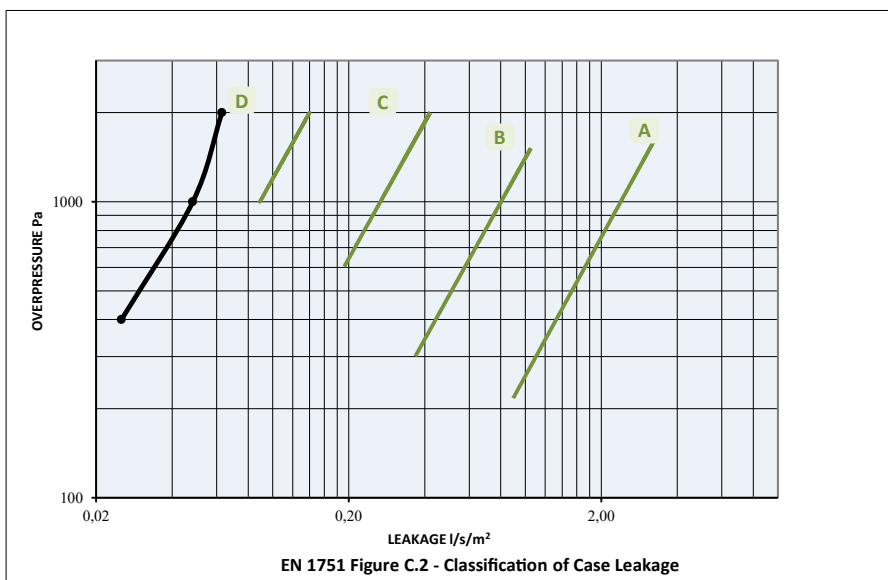
Air leakage tester type: Airflow HVLTK MK4 M (230V)
 Serial No: 125286
 Date certification: 12-09-2017
 Calibration cert.nr. 21700548



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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	0,026	0,025	1,326	0,442	-	-
2	1000	1,81	1,76	0,049	0,048	-	0,802	0,267	0,089
3	2000	2,76	2,70	0,064	0,063	-	-	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	$0.003 \times p^{0.65}$



Visual deformation?	No
@ Pa:	x

Approved and certified by
 Certificate nr. : P-97/52-24

