

EN 15727 Test Report Casing Air Leakage Rate

Date: 02-03-2018 **Test Reference Number:** M020318-01/SHO
Place: Waalwijk **Tested by:** SHO **Witness by:** PSA **MR/vs010315**
Model (name/type): PPS plenum 595x595 mm with Ø125 mm duct connection **Result:** Class C

Air temperature (°C)	20
Atmospheric pressure (Pa)	99760
Correction factor	0,985
Case width (m)	0,590
Case Height (m)	0,305
Duct Length (m)	0,590
Other	

Pressure time	120 sec.	(standard)
Surface Area:	1,05	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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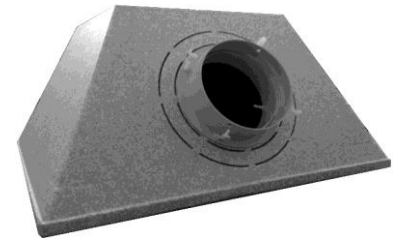
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Reading					Approximate				
	Static			Leakage		EN 1751	EN 1751	EN 1751	EN 1751
	Pressure	Leakage	Rig Leakage	Duct Surface	Corrected	Class A	Class B	Class C	Class D
	(Pa)	(N l/s)	(l/s)	(l/s/m ²)		(l/s/m ²)	(l/s/m ²)	(l/s/m ²)	(l/s/m ²)
1	400	1,23	1,20	0,029	0,028	1,326	0,442	-	-
2	1000	2,16	2,08	0,076	0,075	-	0,802	0,267	0,089
3	2000	3,30	3,10	0,190	0,187	-	-	0,420	0,140

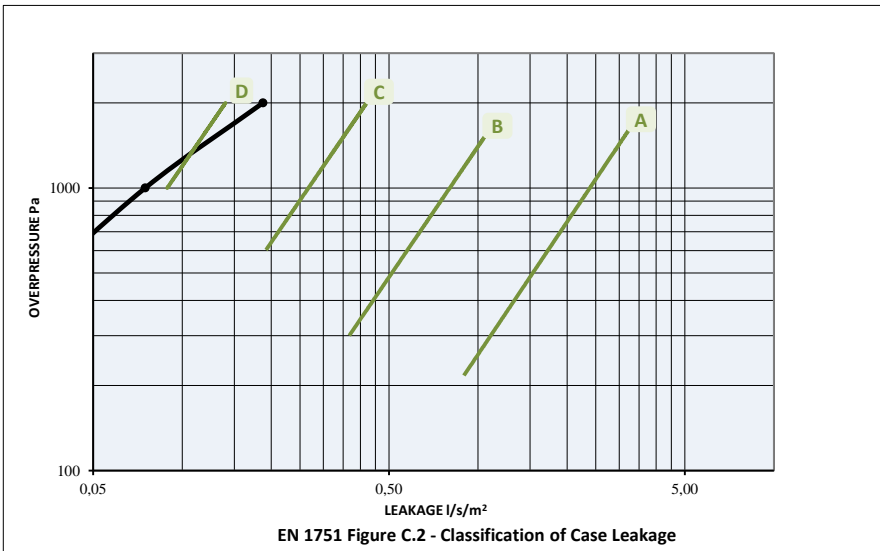
From DW/144

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 x p ^{0.65}
Medium - Class B	1000	750	20	0.009 x p ^{0.65}
High - Class C	2000	750	40	0.003 x p ^{0.65}

Picture component



Picture from test



Visual deformation?	Yes
@ Pa:	x

Approved and certified by
 Certificate nr. :

