20 Boulevard Joliot Curie
69694 Vénissieux Cedex
Belgium

COMPANY	Swegon	SUBJECT	
TO		REFERENCE	720055 DD 9-9 TAC 1-2
FROM		DATE	15/05/2025

FAN TECHNICAL DATA SHEET

CODEID	720055
FAN NAME	**DD 9-9 TAC 1/2**
SUPPLY	230 V - 50/60 Hz
MOTOR	ECM 2.3 1/2
IP CLASS	44
THERMAL CLASS	B
RANGE	100 - 2900 m³/h
CONFORMITY	CE

NOMINAL INSTALLATION DATA (P1-P2)

	INTENSITY (A)	ABS. POWER (W)	MAX AIR T° (°C)
MAXIMUM	3,6	600	55

SPECIFICATIONS AT WORKING POINT

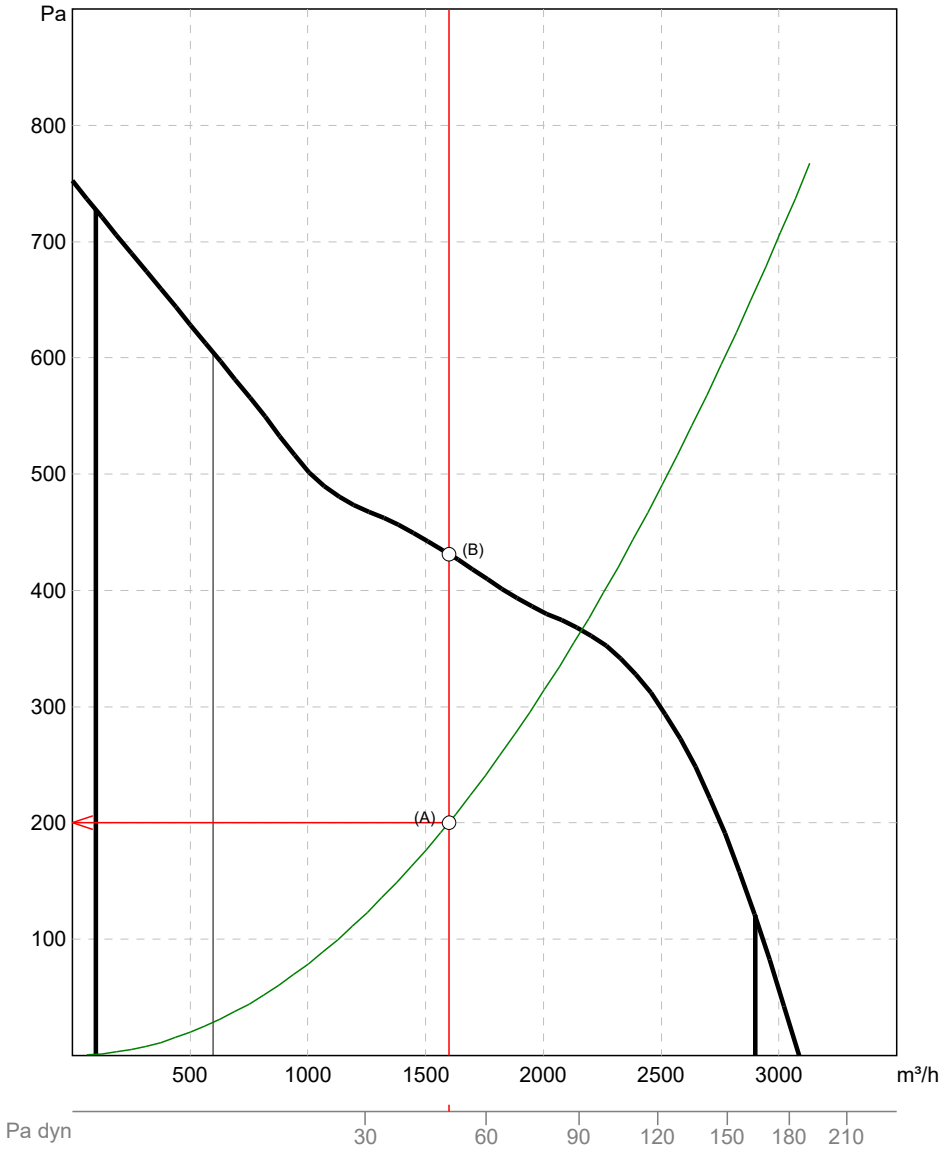
AIRFLOW (A)	1600	m³/h
STATIC PRESSURE (A)	200	Pa
RESIDUAL STATIC PRESSURE (B-A)	231	Pa
DYNAMIC PRESSURE (A)	50	Pa
ROTATION SPEED (A)	1060	RPM
ABSORBED POWER (A)	239	W
INTENSITY (A)	1,57	A
MOTOR EFFICIENCY (A)	75,4	%
STAT. AERAULIC EFFICIENCY (A)	49,3	%
TOT. AERAULIC EFFICIENCY (A)	61,7	%

ELECTRICAL PROTECTION

Curve of release of the type D - capacity breaking 10.000A - AC3.
We recommend a class AM protection device.
Protection calibre 4 A

PERFORMANCE CURVES

measured in our laboratory according to AMCA/ASHRAE 210.85 fig.12 — 8483



We are constantly working to make our products better and more reliable. Therefore we reserve ourselves the right to modify those without preliminary opinions.
Also, although we put a lot of care in the making of our technical data sheet, we cannot be held responsible for any error and/or omissions that could have slipped in.

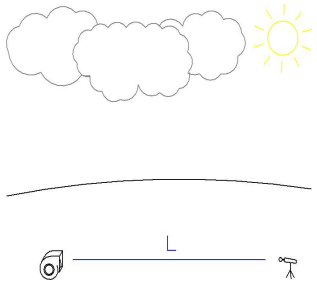
Swegon
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COMPANY	Swegon	SUBJECT	
TO		REFERENCE	720055 DD 9-9 TAC 1-2
FROM		DATE	15/05/2025

NOISE LEVEL ESTIMATION

CODEID	720055
FAN NAME	**DD 9-9 TAC 1/2**
AIRFLOW	1600 m³/h
STATIC PRESSURE	200 Pa

ANECHOIC ROOM



ABCD => {Free field}	AB=100 m
EFGH => {Free field}	AE=100 m
DCGH => {Free field}	AD=100 m
CBFG => {Free field}	L=3 m
BFEA => {Free field}	
AEHD => {Free field}	

NOISE SPECTRUM

63	125	250	500	1000	2000	4000	8000	Hz
SOUND POWER SPECTRUM (dB re.10E-12 W/m²)								
80,8	75,8	70,8	63,8	65,8	58,8	53,8	48,8	dBL

LINEAR SOUND POWER LEVEL : 82,5 dBL

A WEIGHTED SOUND POWER SPECTRUM (dB re.10E-12 W/m²)								
54,6	59,7	62,2	60,6	65,8	60,0	54,8	47,7	dBA

A WEIGHTED SOUND POWER LEVEL : 69,7 dBA

SOUND PRESSURE SPECTRUM (dB re.20 µPa)								
49,4	45,4	45,9	43,4	43,9	40,3	32,9	28,9	dBL

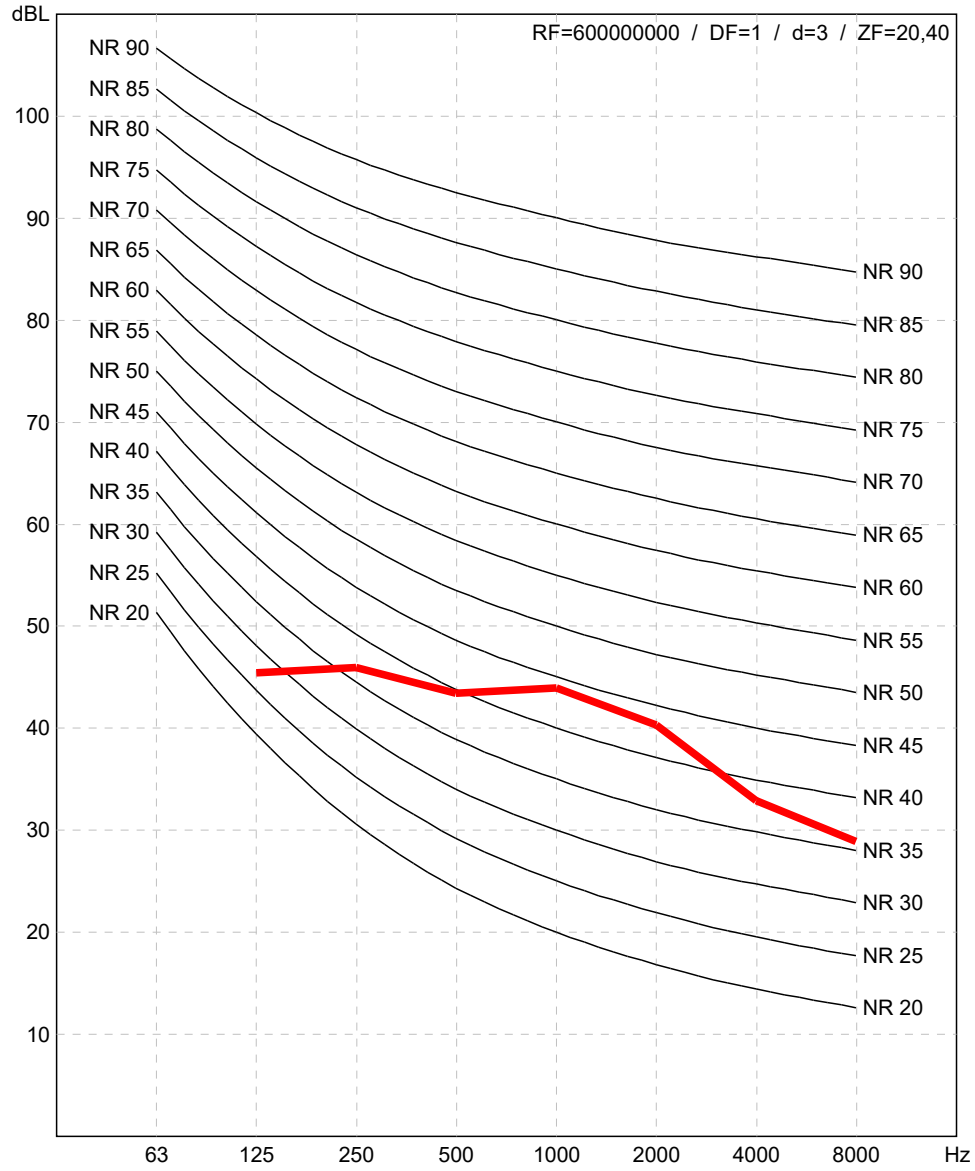
SOUND PRESSURE LEVEL : 53,5 dBL

A WEIGHTED SOUND PRESSURE SPECTRUM (dB re.20 µPa)								
23,2	29,3	37,3	40,2	43,9	41,5	33,9	27,8	dBA

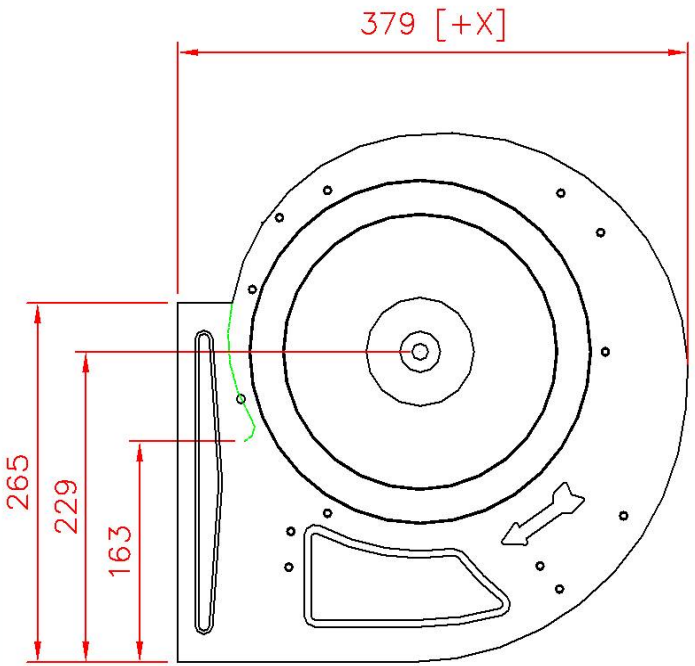
A WEIGHTED SOUND PRESSURE LEVEL : 47,7 dBA

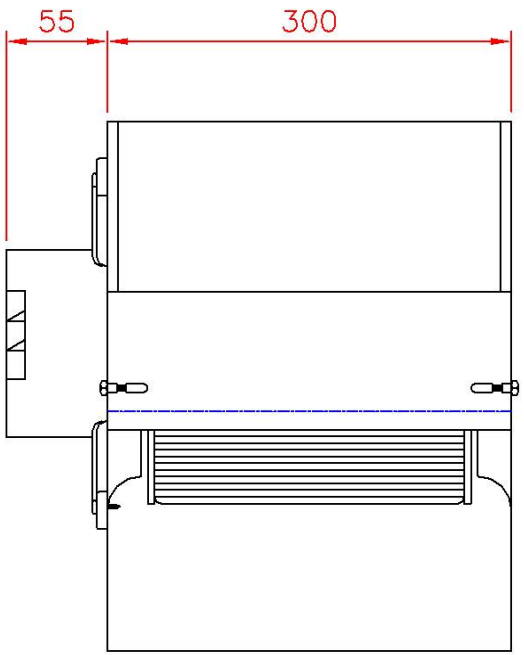
NR CURVE

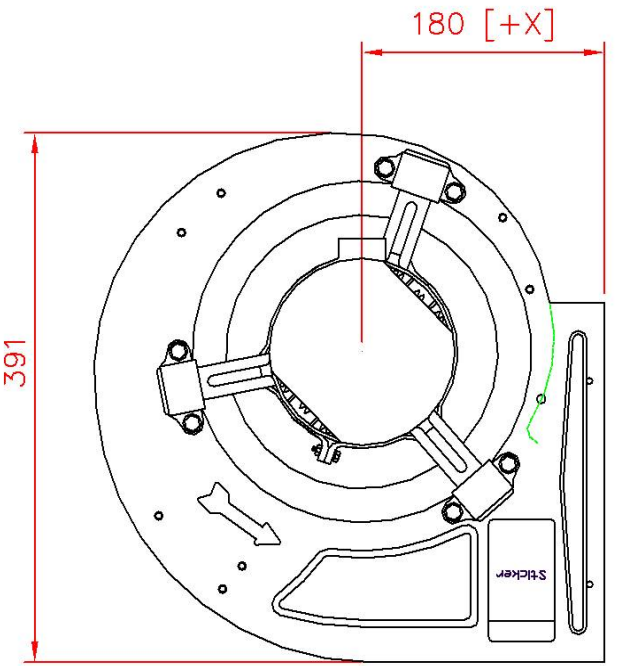
measured and computed according to ISO 2204 - AMCA 300 - AMCA 303-79



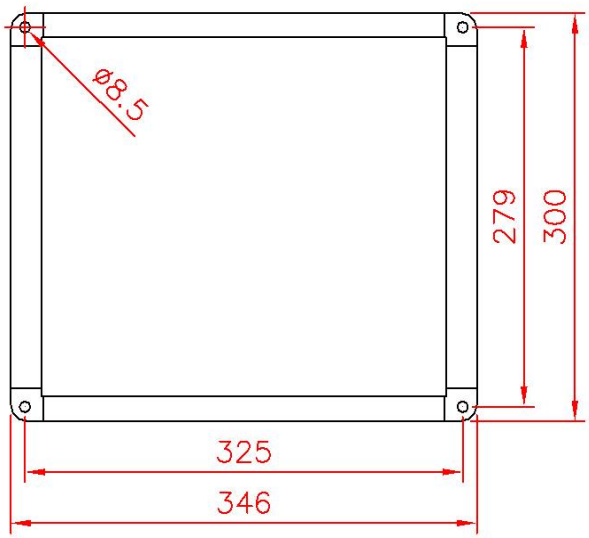
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Option: (bride / Flange X = 2 mm)



1	20/02/02	Modification dépassement moteur : passage de 70 à 55 mm	LZ	OK
	22/05/00		JL	OK
Index Index	Date Date	Modification Modification	Par By	Contrôlé Controlled

Toutes les cotes sont des cotes extérieures / All dimensions are outside dimensions

Titre : / Title : DD 9-9 TAC 1/2

Client/Customer :

Code client/Customer code:

Numéro de plan : / Drawing number : 72.0.055

Date : Date :	20/02/02
Unité : Unit :	mm
Dessiné par : Drawn by :	Zorgniotti L.