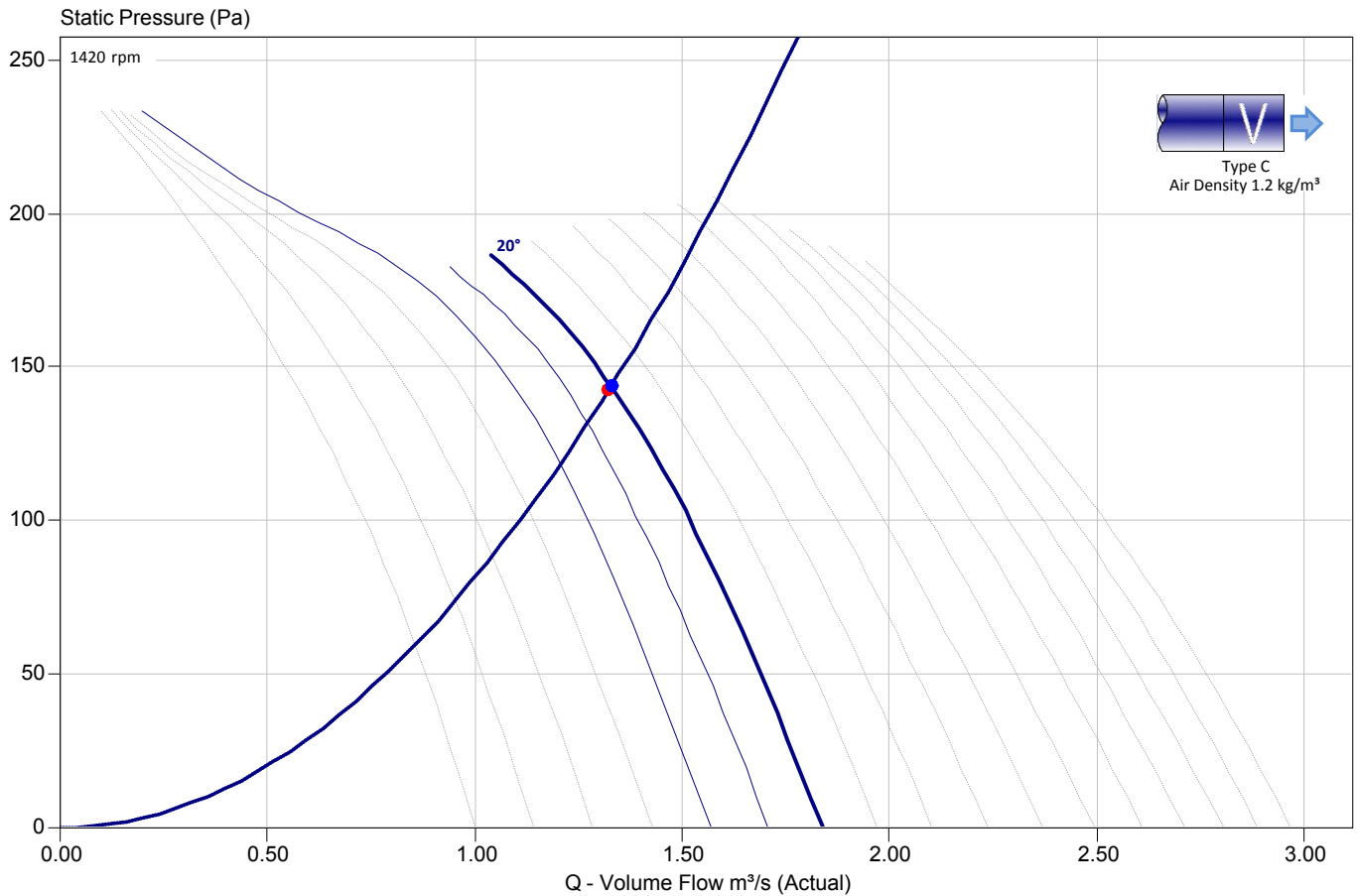
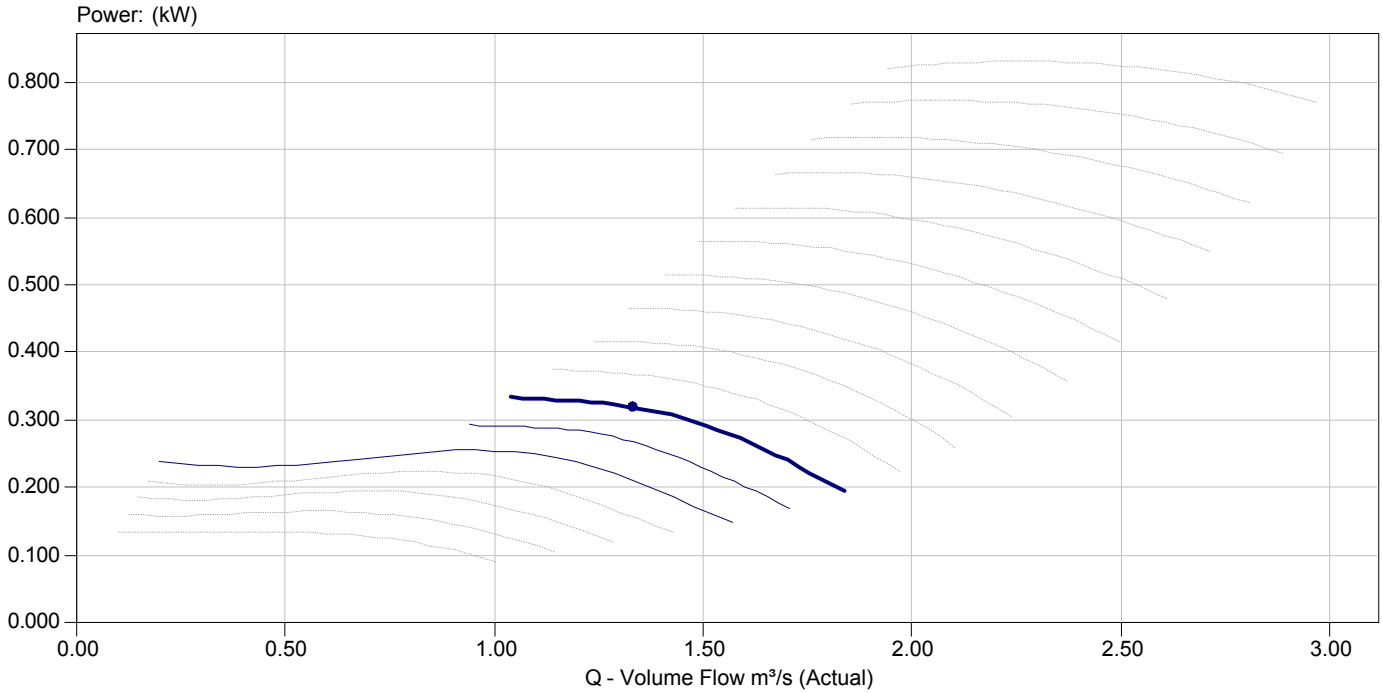




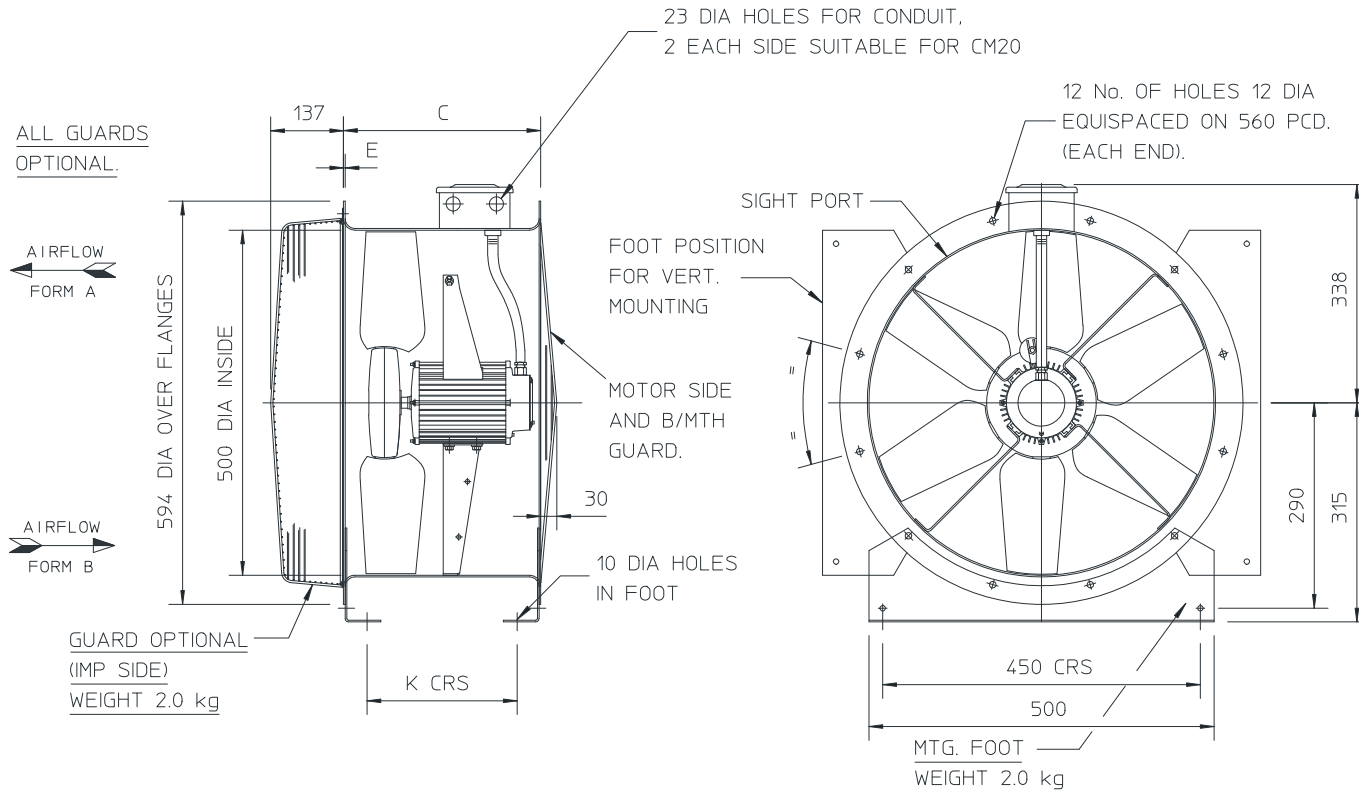
Quotation Number	:	Project Code	:
Project Name	:	Customer	:
Item Reference:	:	Date:	: Friday, May 6, 2016
		Fan Code	: 50JM/20/4/6/20[Express]





Quotation Number :
 Project Name :
 Item Reference :

Fan Code : 50JM/20/4/6/20[Express]
 Customer :
 Date : Friday, May 6, 2016

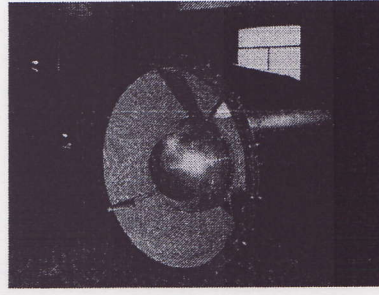
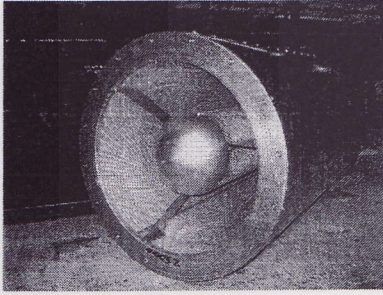


C	375
E	2.5
K	289
Weight (kg)	28

Notes : Dimensions shown in mm / Weight in kg

Reference:D269014

This drawing shows dimensions that should be used as a guide only and are subject to change. Certified drawings are available on request.



STANDARD CIRCULAR SILENCER INSERTION LOSS DATA

@ +20oC and 5m/sec FACE VELOCITY

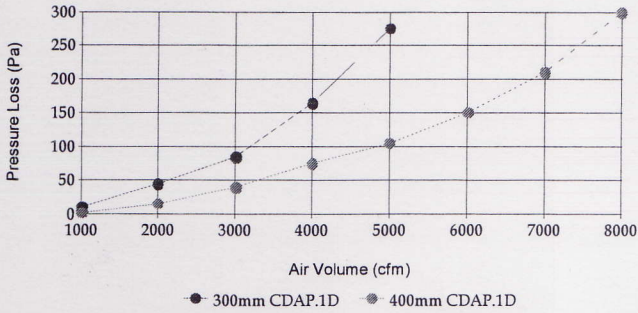
SILENCER SIZE	CODE	P.A	OCTAVE BAND CENTRE FREQUENCIES (Hz)								
			63	125	250	500	1K	2K	4K	8K	
200-550 dia	CDA.1D	ALL	2	4	6	10	14	10	7	8	
		A	4	8	13	17	23	17	12	11	
		B	4	8	12	17	23	17	12	10	
	CDA.2D	C	4	7	10	15	19	16	12	9	
		A	4	6	8	12	21	21	18	15	
		B	4	6	8	11	18	19	17	14	
	CDAP.1D	C	4	6	8	11	14	16	11	10	
		A	7	10	12	24	29	29	27	23	
		B	7	10	12	21	26	26	24	22	
	CDAP.2D	C	7	10	11	18	21	20	17	15	
		A	6	8	13	22	23	14	13	9	
		B	6	8	13	22	22	13	12	9	
600-800 dia	CDA.1D	C	6	8	12	20	18	13	11	9	
		A	4	6	8	17	25	21	18	11	
		B	4	6	8	17	23	20	18	10	
	CDA.2D	C	4	6	8	16	18	16	13	10	
		A	8	11	16	30	35	31	29	22	
		B	8	11	16	27	32	31	29	19	
	CDAP.1D	C	8	11	16	24	23	22	21	17	
		A	3	4	9	15	15	8	7	6	
		B	3	4	9	15	15	8	7	6	
	1000-1500 dia	CDA.1D	A	6	8	14	22	20	13	12	9
			B	6	8	13	21	18	12	11	9
			C	6	8	12	19	16	11	10	7
CDA.2D		A	4	6	11	21	20	16	13	11	
		B	4	6	11	20	18	15	13	11	
		C	4	6	11	17	16	14	12	10	
CDAP.1D		A	8	11	18	30	32	30	24	16	
		B	8	11	18	26	27	26	22	16	
		C	8	11	18	21	20	22	20	16	
1600-2000 dia		CDA.1D	A	4	5	10	14	11	6	6	5
			B	8	9	14	19	18	12	11	9
			C	8	9	14	19	17	11	10	9
	CDA.2D	A	8	9	13	18	14	10	9	8	
		B	5	7	12	21	20	13	12	9	
		C	5	7	12	19	18	13	11	9	
	CDAP.1D	A	5	7	12	15	16	12	10	8	
		B	5	7	12	15	16	12	10	8	
		C	5	7	12	15	16	12	10	8	
	CDAP.2D	A	10	14	21	26	29	28	18	15	
		B	10	14	21	25	27	25	16	14	
		C	10	14	21	21	20	20	15	14	

P.A = Fan Impeller Pitch Angle.
 A = upto 12 degrees
 B = upto 20 degrees
 C = upto 45 degrees

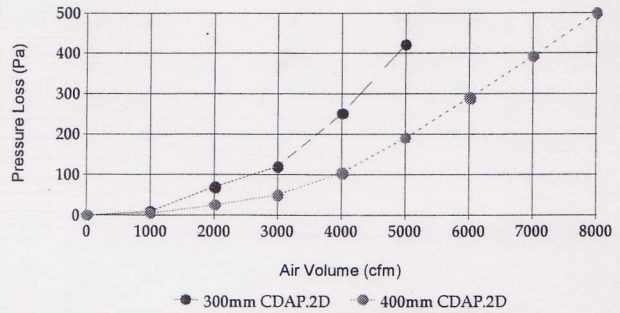
The Above Data Is Offered As Being Indicative Only
 For Guaranteed Data (when applicable) Please Consult With (DBA) Technical Services Ltd.

CDAP Type Silencer Flow Resistance's

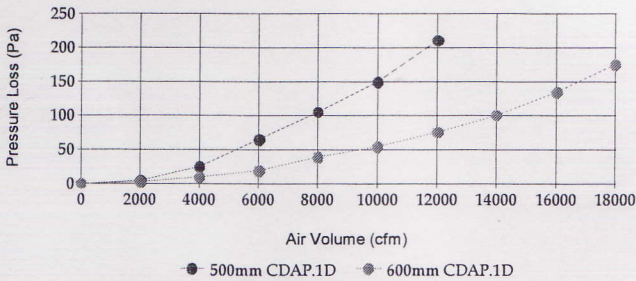
**300mm/400mm CDAP.1D Pressure Loss's
@ 20oC With Uniform Airflow**



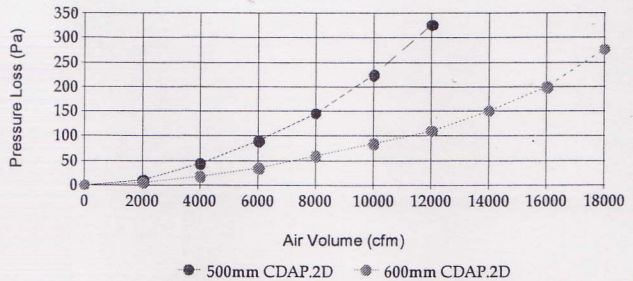
**300mm/400mm CDAP.2D Pressure Loss's
@ 20oC With Uniform Airflow**



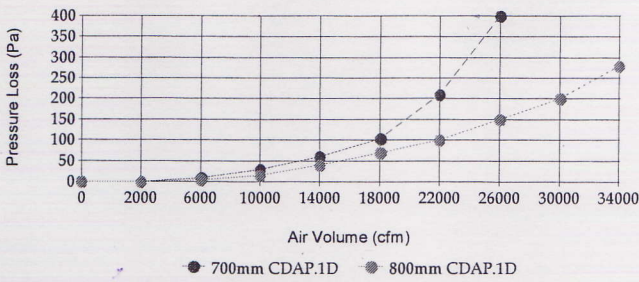
**500mm/600mm CDAP.1D Pressure Loss's
@ 20oC With Uniform Airflow**



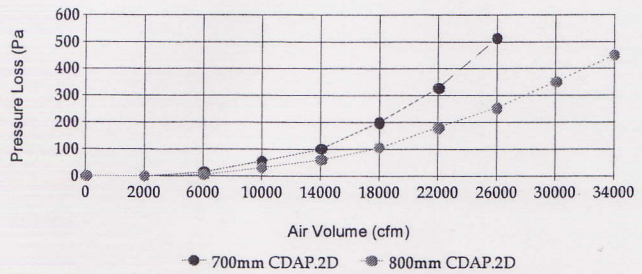
**500mm/600mm CDAP.2D Pressure Loss's
@ 20oC With Uniform Airflow**



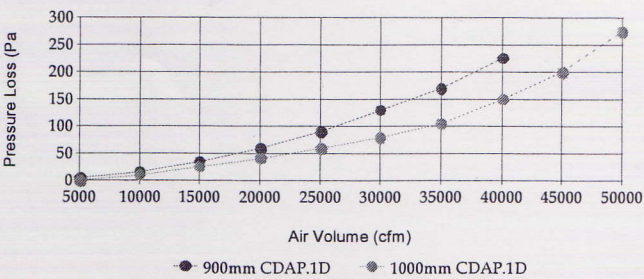
**700mm/800mm CDAP.1D Pressure Loss's
@ 20oC With Uniform Airflow**



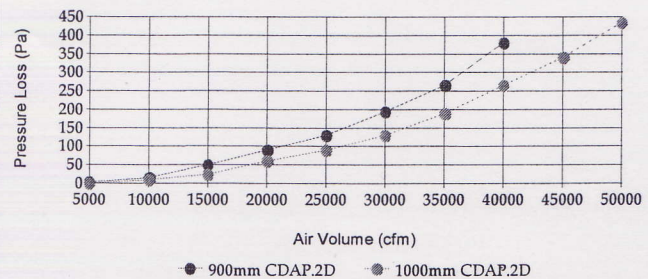
**700mm/800mm CDAP.2D Pressure Loss's
@ 20oC With Uniform Airflow**

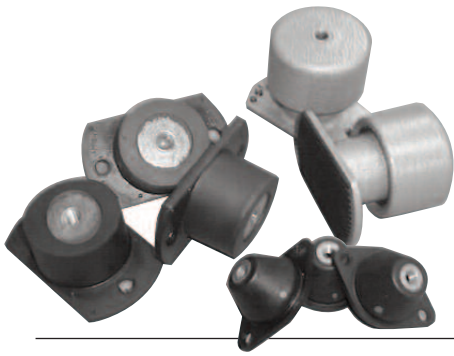


**900mm/1000mm CDAP.1D Pressure Loss's
@ 20oC With Uniform Airflow**



**900mm/1000mm CDAP.2D Pressure Loss's
@ 20oC With Uniform Airflow**





Anti Vibration Mounts (AV's)

Addendum to I&M 671220

IMPORTANT

WARNING: AV mounts must only be subjected to compressional forces and **MUST NOT** be used in a configuration that places these parts under tension or shear force.

Introduction

Anti-vibration mounting kits are available in both rubber and spring type, the correct selection and type employed will depend on the accurate calculation of the weight of the assembly to be supported.

Installation

AV mounts should not be fitted to a fan/silencer assembly unless there are flexible connectors fitted between the assembly and associated duct work. AV mounts should be installed with the matched mounting feet and positioned such that they carry an equal proportion of the assembly weight. This is particularly important where fans and silencers are installed on suspension rods.

Figure 1. NAV 1 to NAV 5 (Resilient Rubber)

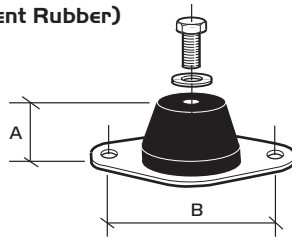


Figure 2. NAV 6 (Resilient Rubber)

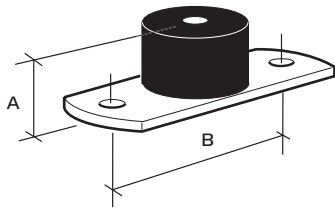
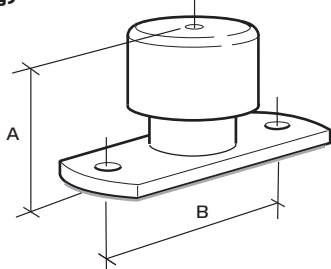


Figure 3. NAV 49 to NAV 58 (Spring)



AV mounts are maintenance free but a periodical inspection is recommended to check security of fixings and condition of rubbers and springs.

AV mounts isolate the fan only. Silencers/backdraught dampers and other "significant mass" accessories should form part of the fixed ductwork after the flexible connection.

Resilient Mounting Details (Example)

NAV 1 to NAV 5 shown in floor (Figure 4) and suspended configurations (Figure 5). Fans using size NAV 6 upwards require supporting steelwork to be designed (by others) for suspended applications.

Figure 4.

Resilient Mounting 'Floor' fixing

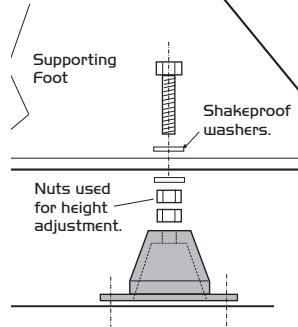


Figure 5.

Resilient Mounting 'Suspended' fixing

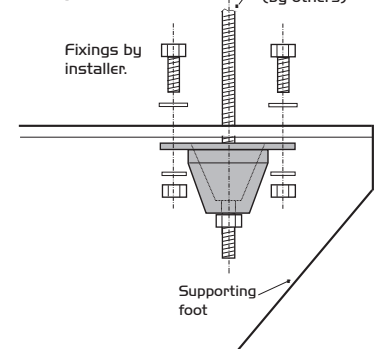
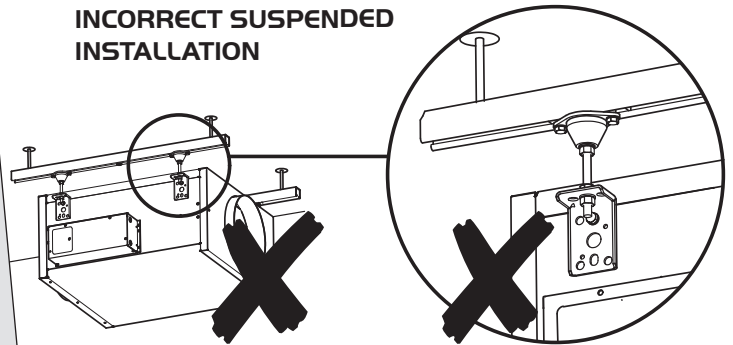


Figure 6. NAV 1 to NAV 5 (Resilient Rubber) INCORRECT SUSPENDED INSTALLATION



Dimensions (mm) and Weights

Rubber Type

Code	A	B	Max. supporting weight (Kg)
NAV1	30	50	20
NAV2	40	75	80
NAV3	40	75	180
NAV4	40	75	260
NAV5	40	75	130
NAV6	50	100	320

Spring Type

Code	A	B	Max. supporting weight (Kg)
NAV49	77	76	400
NAV50	77	76	480
NAV51	77	76	520
NAV52	87	127	600
NAV53	87	127	700
NAV54	87	127	800
NAV55	87	127	950
NAV56	87	127	1110
NAV57	87	127	1270
NAV58	87	127	1430

Roof hood

HF

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18



Description

Ventilation hood for air exit above roof, suitable for both industrial and comfort ventilation. The air is ejected in an upwards-directed jet. This avoids contaminating the air in the vicinity of the hood, and soiling of the area around the hood. The ejection is so effective that you can install a fresh air inlet in the immediate vicinity of the hood, without any special precautions.

The hood is made of galvanised sheet steel, and can also be supplied in other materials such as stainless steel sheet 1.4301, stainless acid-resistant steel sheet 1.4404, aluzinc AZ185 and painted in various colours, to special order. It has a net over the opening and an internal rain funnel to collect rainwater and snow, which is drained out of the hood through a hose. The hose can withstand temperatures of between -45 and +65 °C.

The hood has a flange connection, which includes a mating flange. The hood can be ordered with other connections, however.

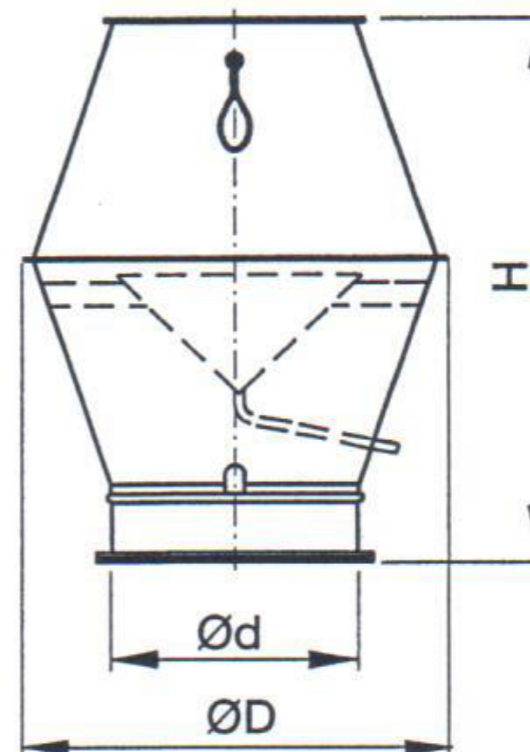
To avoid damage to the net in the opening the hood is supplied with transport protection. This must be removed before the hood is taken into service.

The hood is delivered with three turnable lifting and anchoring wire-loops. A single wire-loop shall not be exposed for forces exceeding 1500 N.

Ordering example

Product HF
 Dimension Ød 630

Dimensions



Ød nom	ØD mm	H mm	m kg	Roof through connection TGR	
				50 mm	100 mm
				Size	
400	685	905	11,1	5	6
500	855	1055	20,0	6	7
630	1075	1295	38,0	8	9
800	1360	1640	63,0	9	10
1000	1600	2110	89,1	11	12
1250	2020	2615	118	14	15

Technical data

