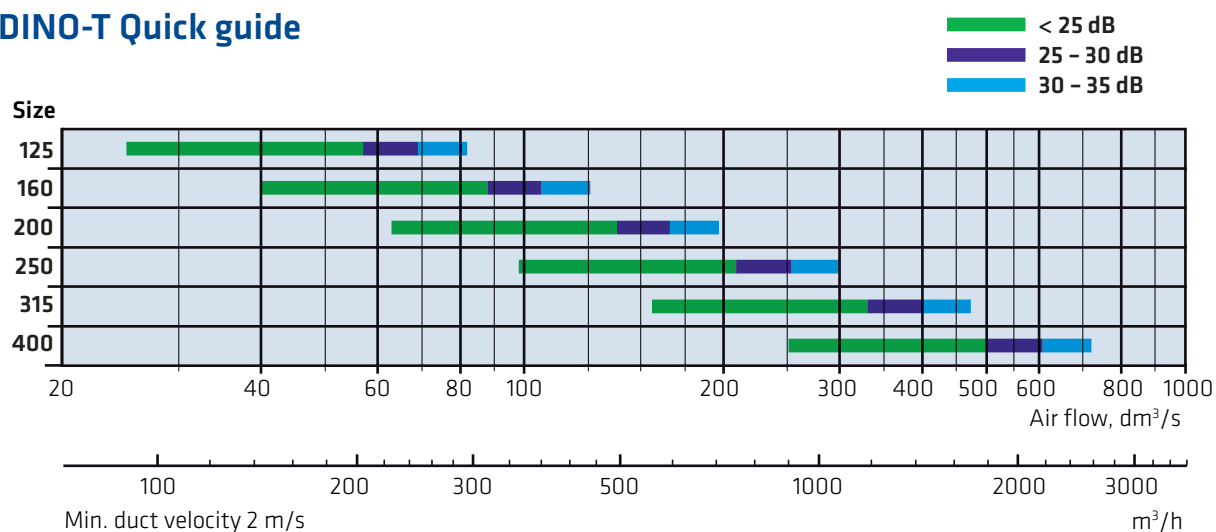


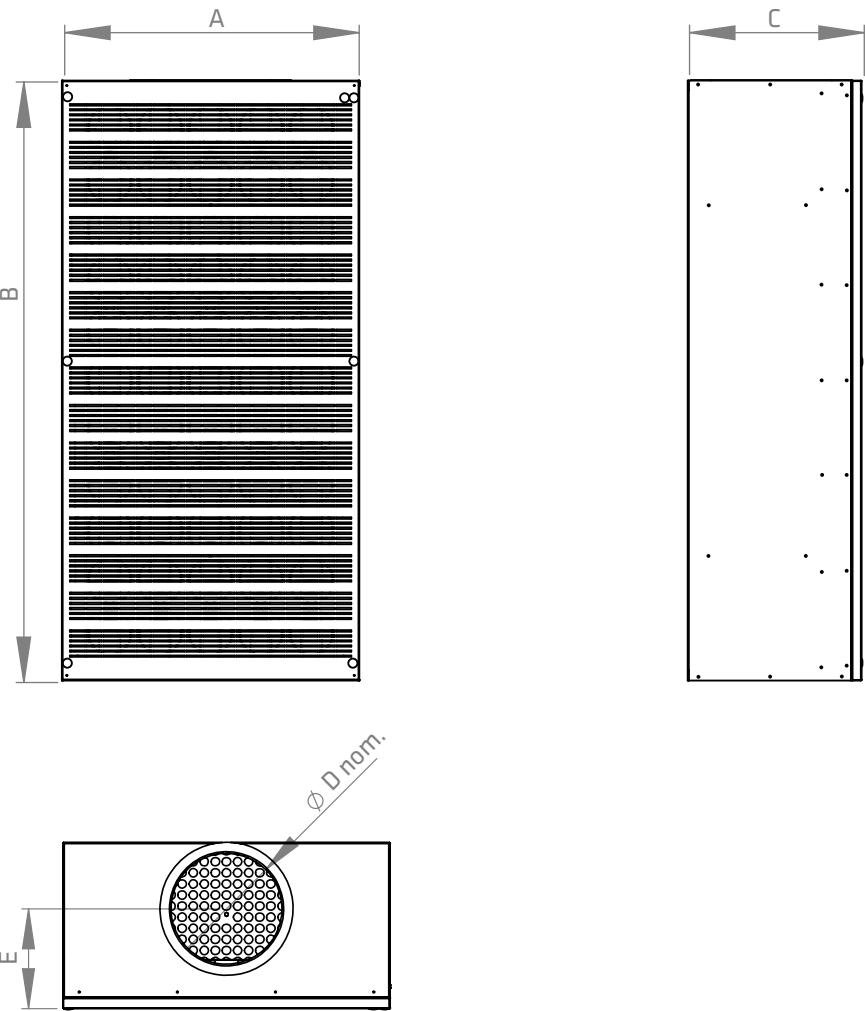
Displacement diffuser DINO-T

DINO-T Quick guide



Displacement diffuser DINO-T

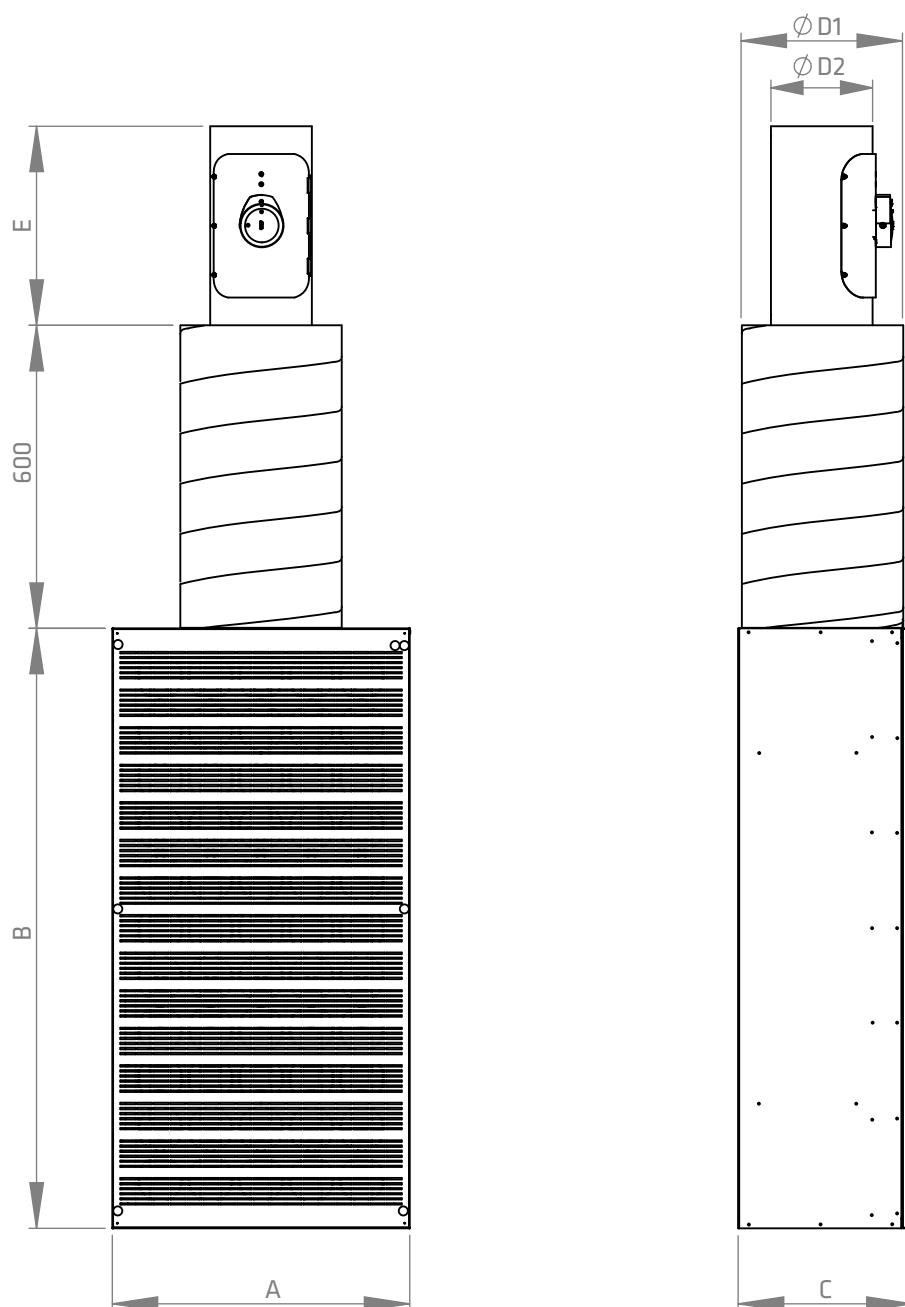
Main dimensions



Size	A	B	C	ØD nom.	E	Weight/kg
125	590	590	255	125	143	10
160	590	590	310	160	160	11
200	590	1190	345	200	180	23
250	590	1990	395	250	205	35
315	1190	1990	440	315	238	51
400	1190	1990	540	400	280	55

Displacement diffuser DINO-T

Main dimensions, duct parts

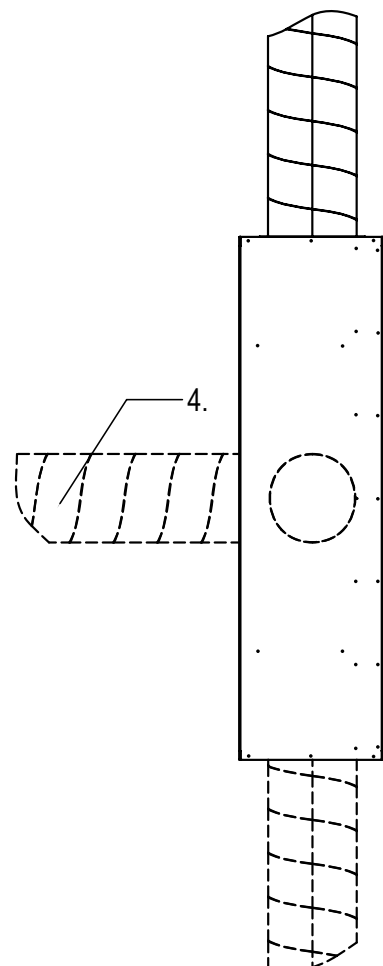
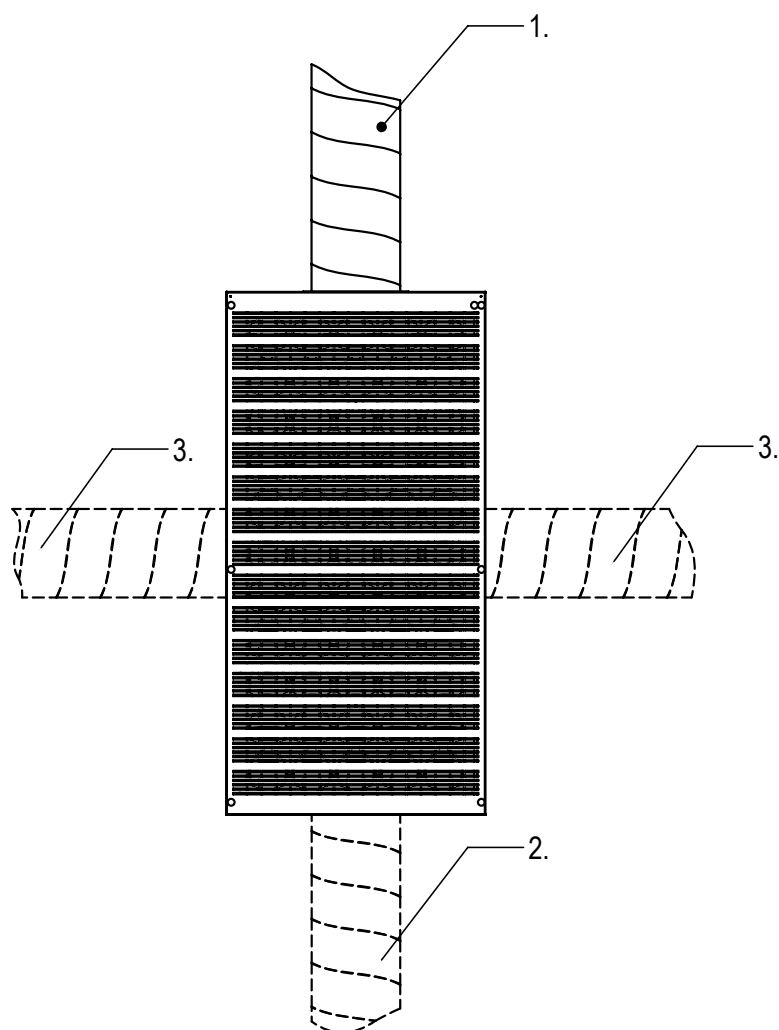


Size	A	B	C	ØD1	ØD2 nom.	E	Weight/kg
125	590	590	255	230	125	340	16
160	590	590	310	285	160	365	19,5
200	590	1190	345	320	200	395	33,5
250	590	1990	395	370	250	435	47,5
315	1190	1990	440	415	315	485	67,5
400	1190	1990	540	515	400	210	75

NB! In size 400 the damper is DIRIS.

Displacement diffuser DINO-T

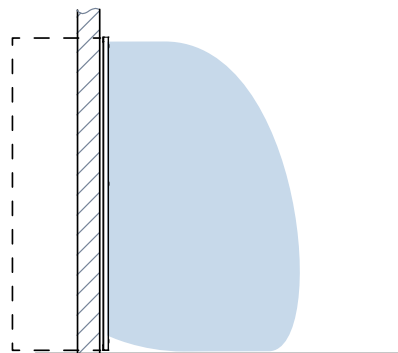
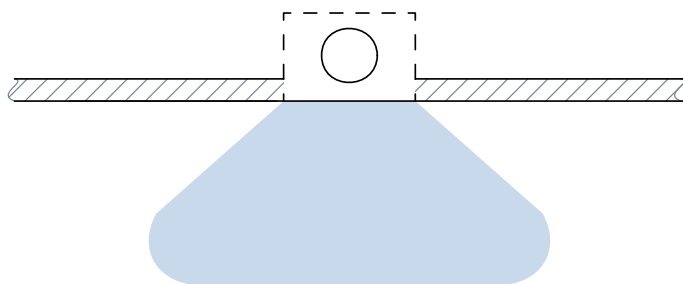
Coupling directions



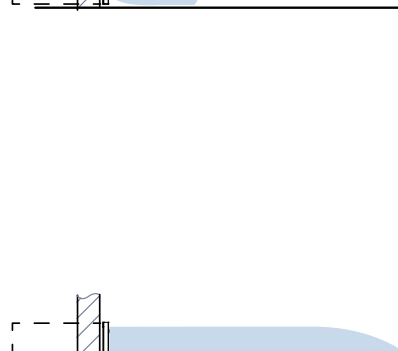
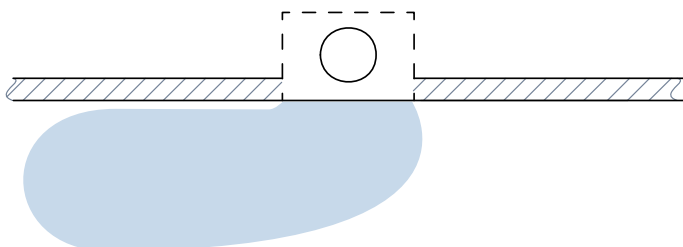
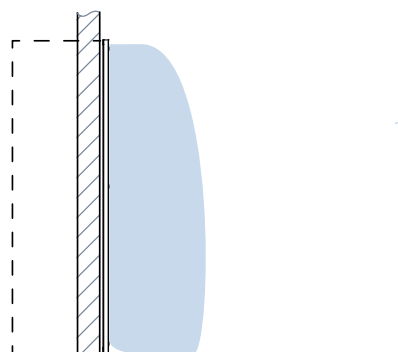
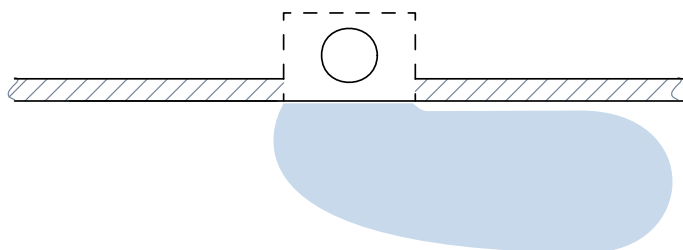
Displacement diffuser DINO-T

DINO-T throw pattern can be changed

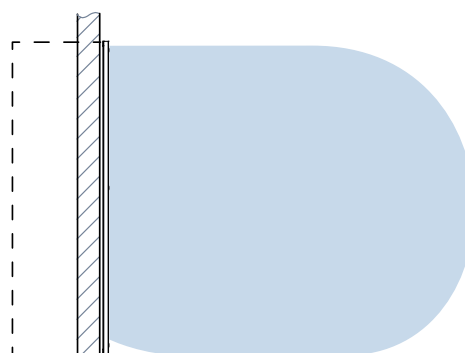
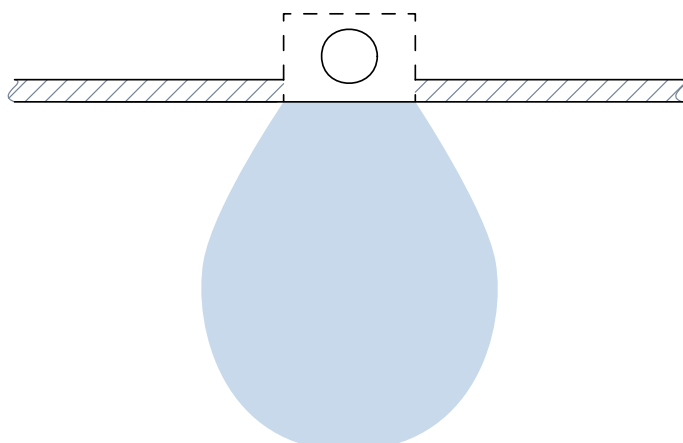
Forward throw pattern



Sideways throw pattern

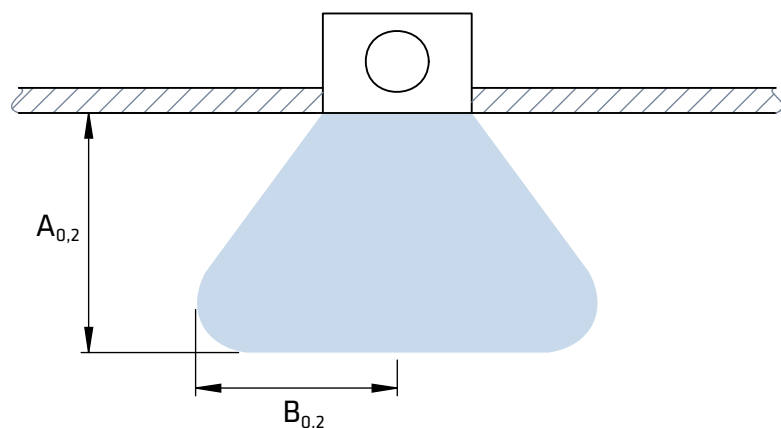


Narrow forward throw pattern

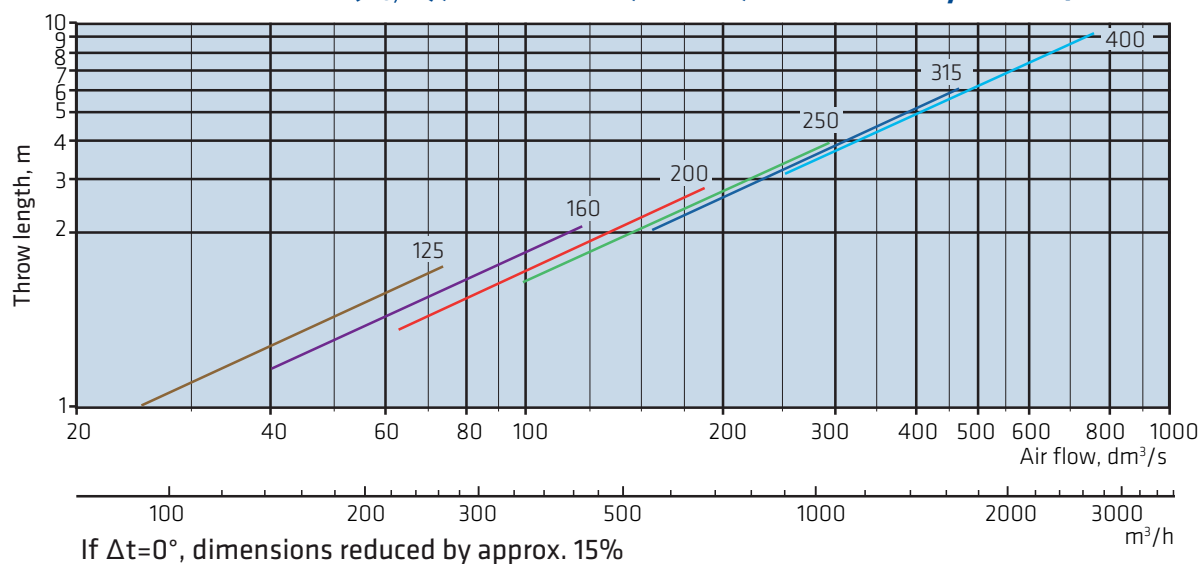


Displacement diffuser DINO-T

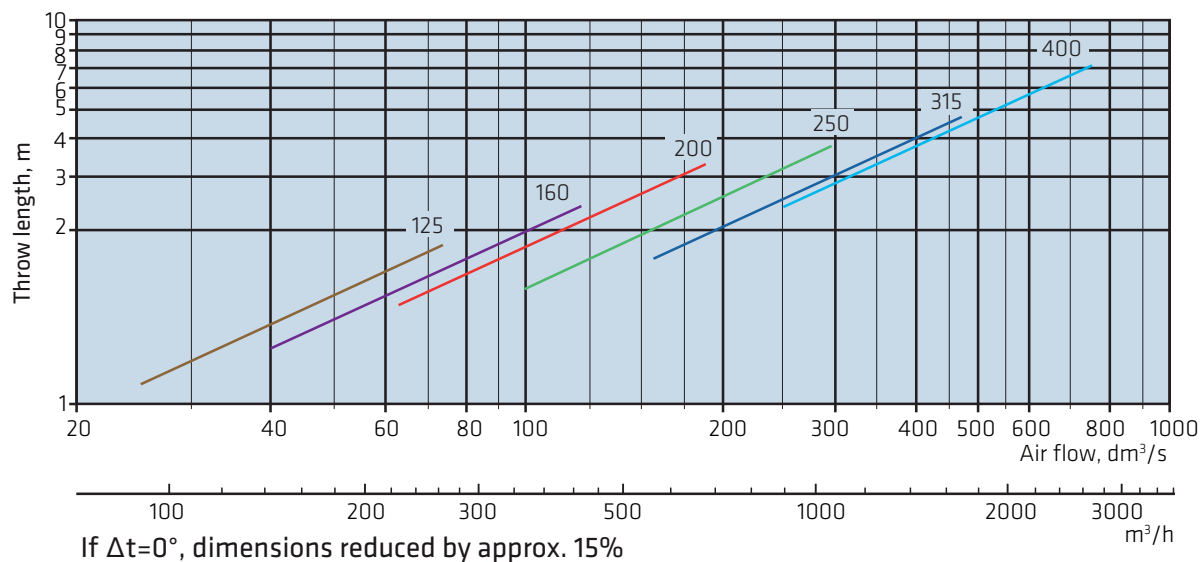
Throw pattern graphs



DINO-T Affected area ($L_{0,2m}$), direction A, $\Delta t = -3$, Duct velocity 2–6 m/s



DINO-T Affected area ($L_{0,2m}$), direction B, $\Delta t = -3$, Duct velocity 2–6 m/s

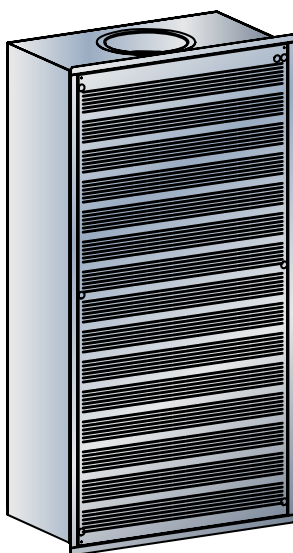
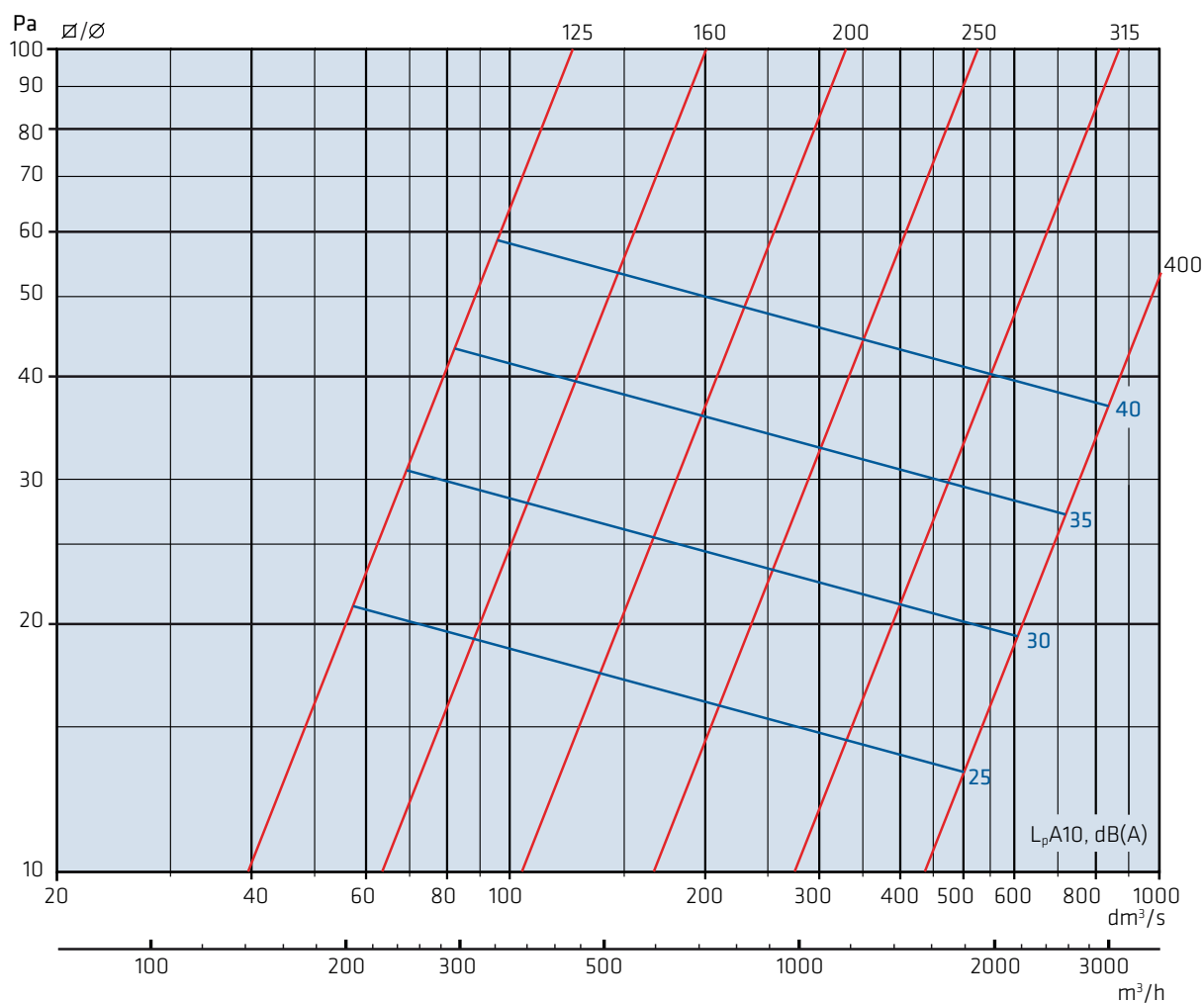


DINO-T

Dimensioning

The graphs are not intended for adjustment.

DINO-T 125 - 400

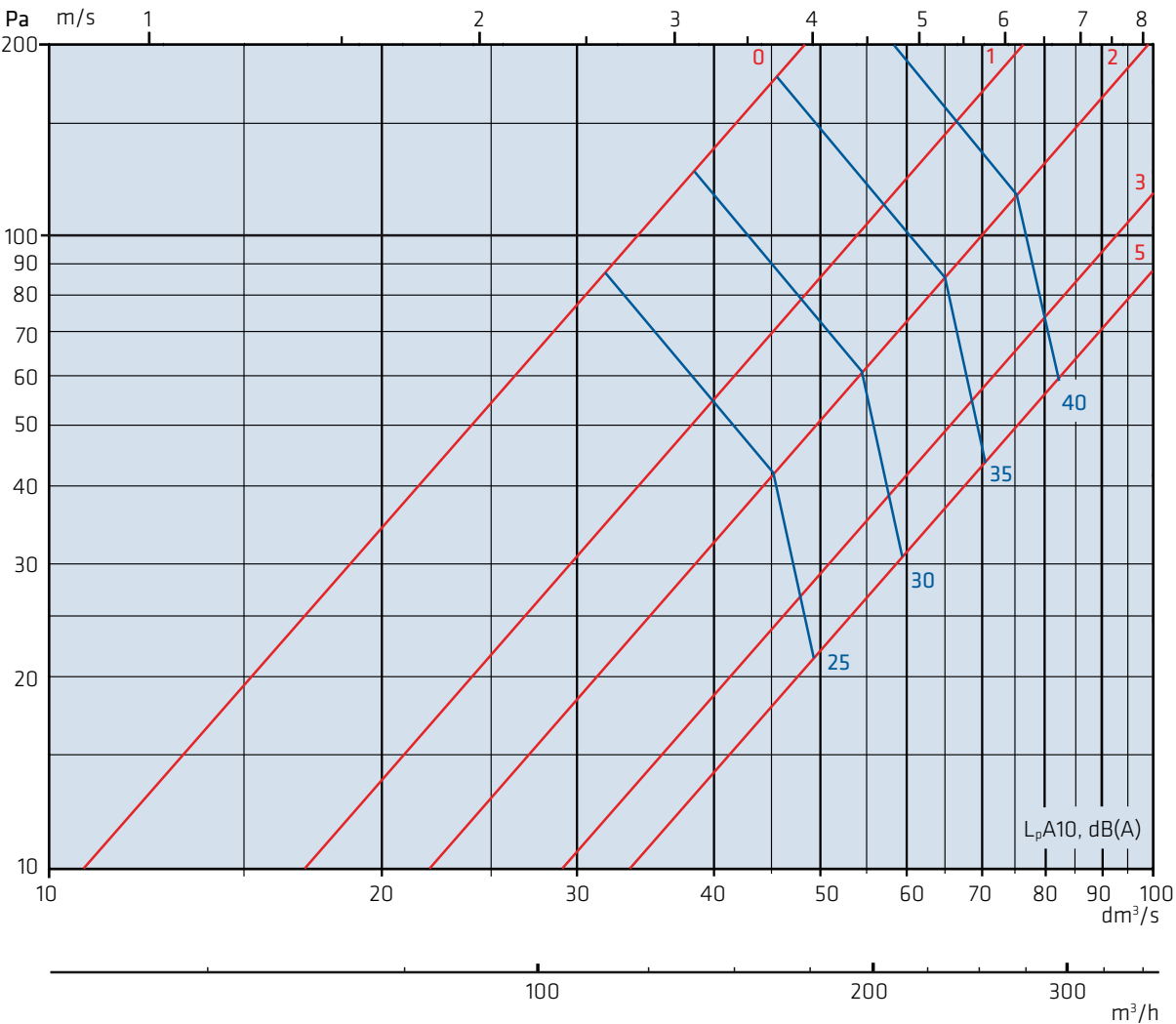


Displacement diffuser DINO-T

Dimensioning

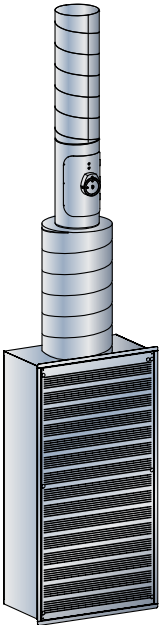
The graphs are not intended for adjustment.

DINO-T 125 + Damper + Sound attenuator



Sound power level		$L_{w\text{okt}} = L_{pA10} + K$							
Size	f, Hz	63	125	250	500	1k	2k	4k	8k
DINO-T 125	K, dB	4	11	10	1	-5	-8	-10	-13

Sound attenuation									
Size	f, Hz	63	125	250	500	1k	2k	4k	8k
DINO-T 125	ΔL , dB	17	9	3	5	6	6	7	9
DINO-T 125 + SA	ΔL , dB	19	12	10	22	30	21	19	20

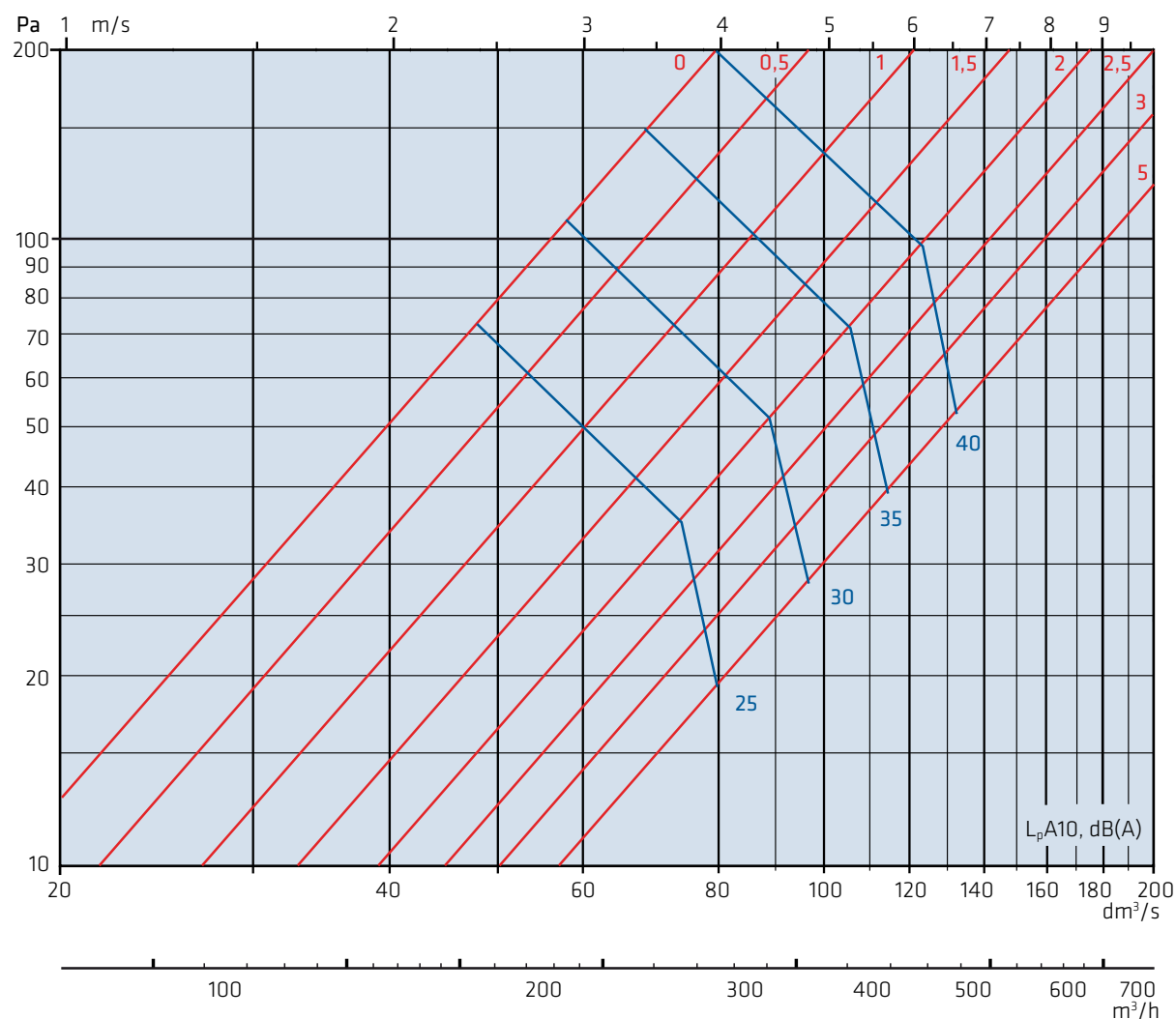


Displacement diffuser DINO-T

Dimensioning

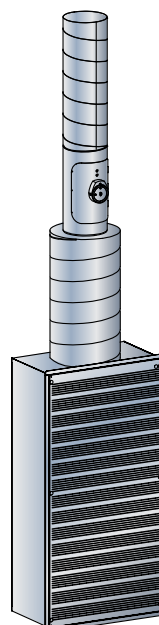
The graphs are not intended for adjustment.

DINO-T 160 + Damper + Sound attenuator



Sound power level		$L_{w_{okt}} = L_{pA10} + K$							
Size	f, Hz	63	125	250	500	1k	2k	4k	8k
DINO-T 160	K, dB	6	11	10	0	-6	-9	-12	-14

Sound attenuation									
Size	f, Hz	63	125	250	500	1k	2k	4k	8k
DINO-T 160	ΔL , dB	15	8	3	4	5	4	5	9
DINO-T 160 + SA	ΔL , dB	19	11	9	21	29	20	19	20

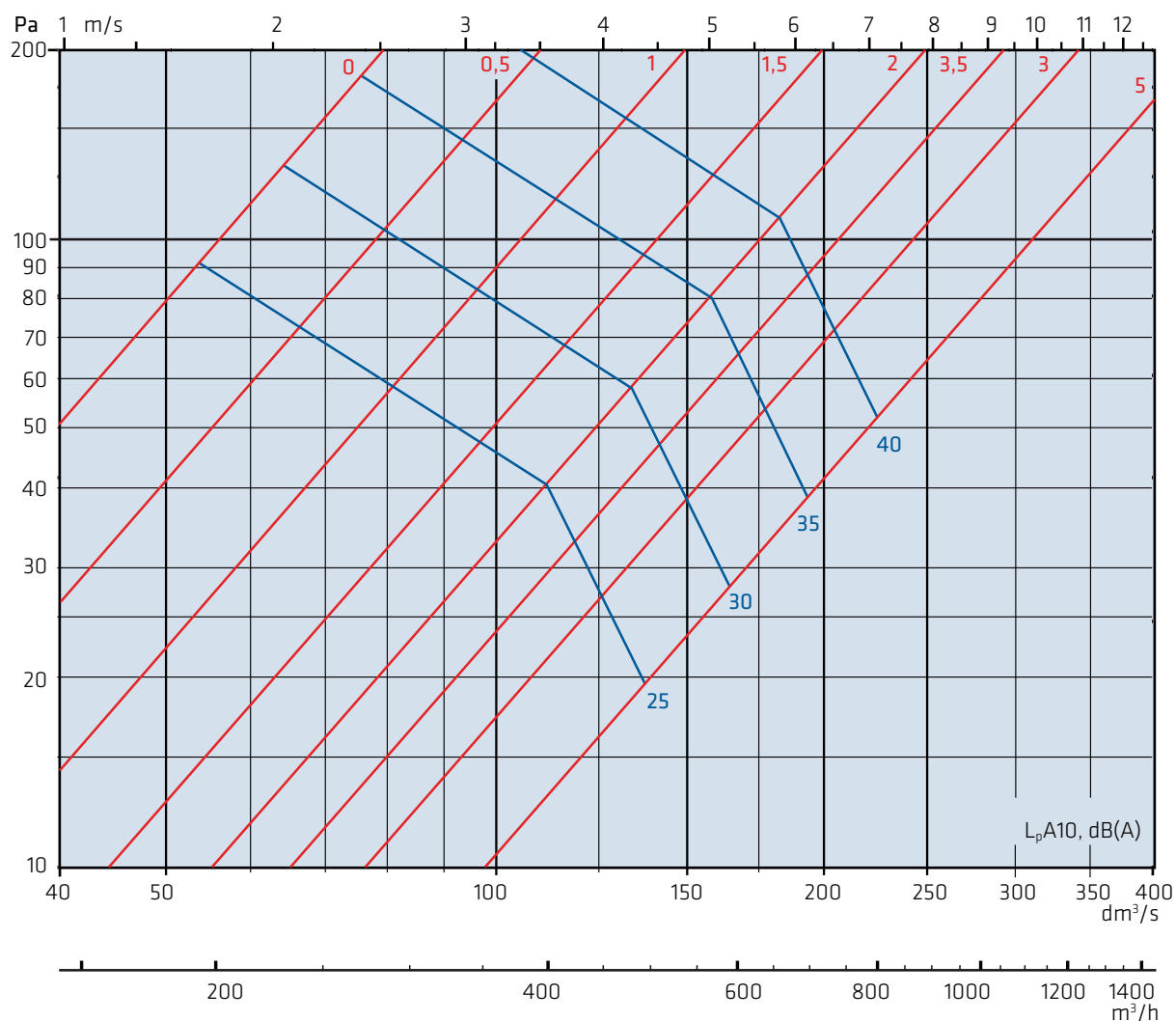


Displacement diffuser DINO-T

Dimensioning

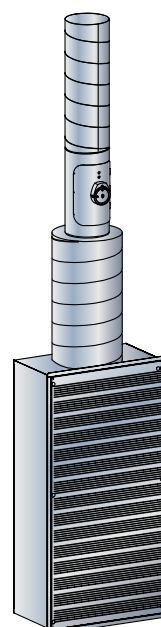
The graphs are not intended for adjustment.

DINO-T 200 + Damper + Sound attenuator



Sound power level	$L_{w_{okt}} = L_{pA10} + K$								
Size	f, Hz	63	125	250	500	1k	2k	4k	8k
DINO-T 200	K, dB	7	10	9	0	-6	-10	-12	-16

Sound attenuation									
Size	f, Hz	63	125	250	500	1k	2k	4k	8k
DINO-T 200	ΔL , dB	16	8	2	4	4	3	4	7
DINO-T 200 +SA	ΔL , dB	17	10	9	20	29	19	18	18

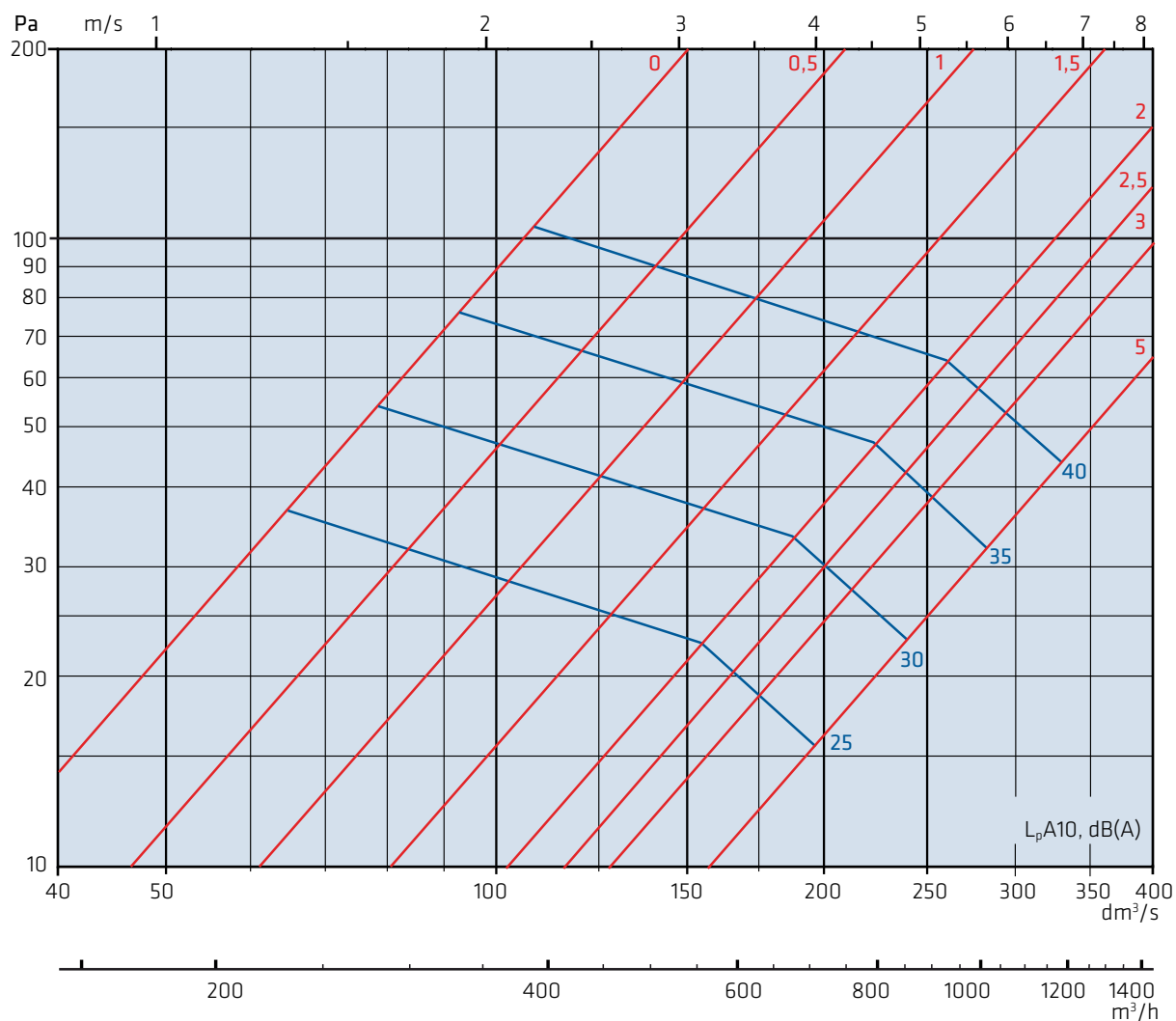


Displacement diffuser DINO-T

Dimensioning

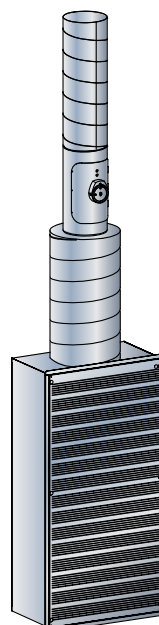
The graphs are not intended for adjustment.

DINO-T 250 + Damper + Sound attenuator



Sound power level	$L_{w\text{okt}} = L_{pA10} + K$								
Size	f, Hz	63	125	250	500	1k	2k	4k	8k
DINO-T 250	K, dB	7	9	9	1	-6	-9	-11	-18

Sound attenuation									
Size	f, Hz	63	125	250	500	1k	2k	4k	8k
DINO-T 250	ΔL , dB	13	6	2	3	2	3	4	6
DINO-T 250 + SA	ΔL , dB	14	8	8	15	22	17	16	16

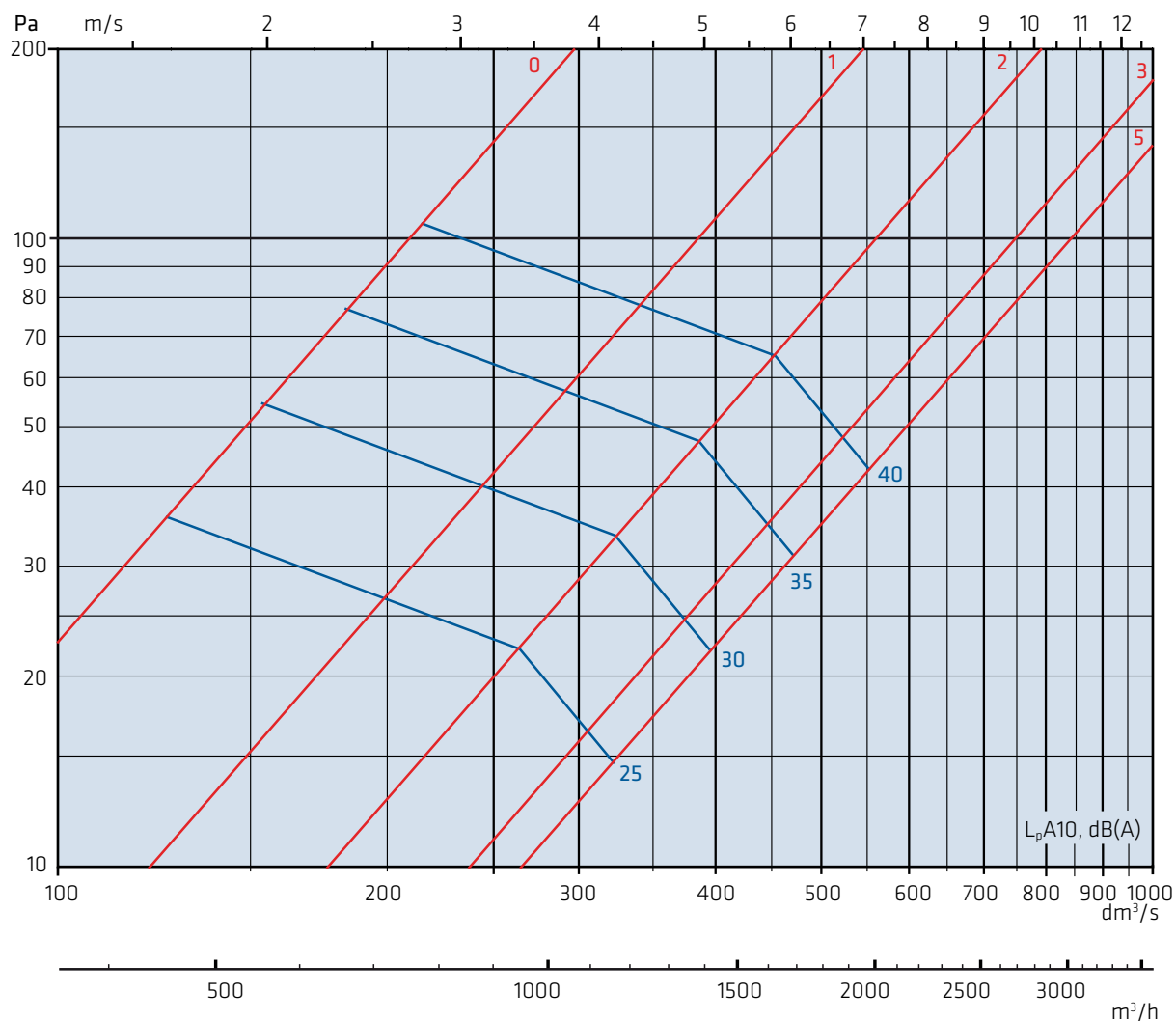


Displacement diffuser DINO-T

Dimensioning

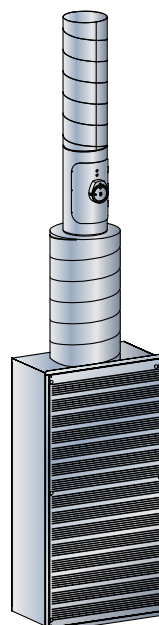
The graphs are not intended for adjustment.

DINO-T 315 + Damper + Sound attenuator



Sound power level	$L_{\text{wotk}} = L_{\text{pA10}} + K$								
Size	f, Hz	63	125	250	500	1k	2k	4k	8k
DINO-T 315	K, dB	5	7	7	2	-3	-8	-14	-24

Sound attenuation									
Size	f, Hz	63	125	250	500	1k	2k	4k	8k
DINO-T 315	ΔL , dB	9	4	1	3	1	2	4	6
DINO-T 315 + SA	ΔL , dB	11	4	6	11	16	14	11	15

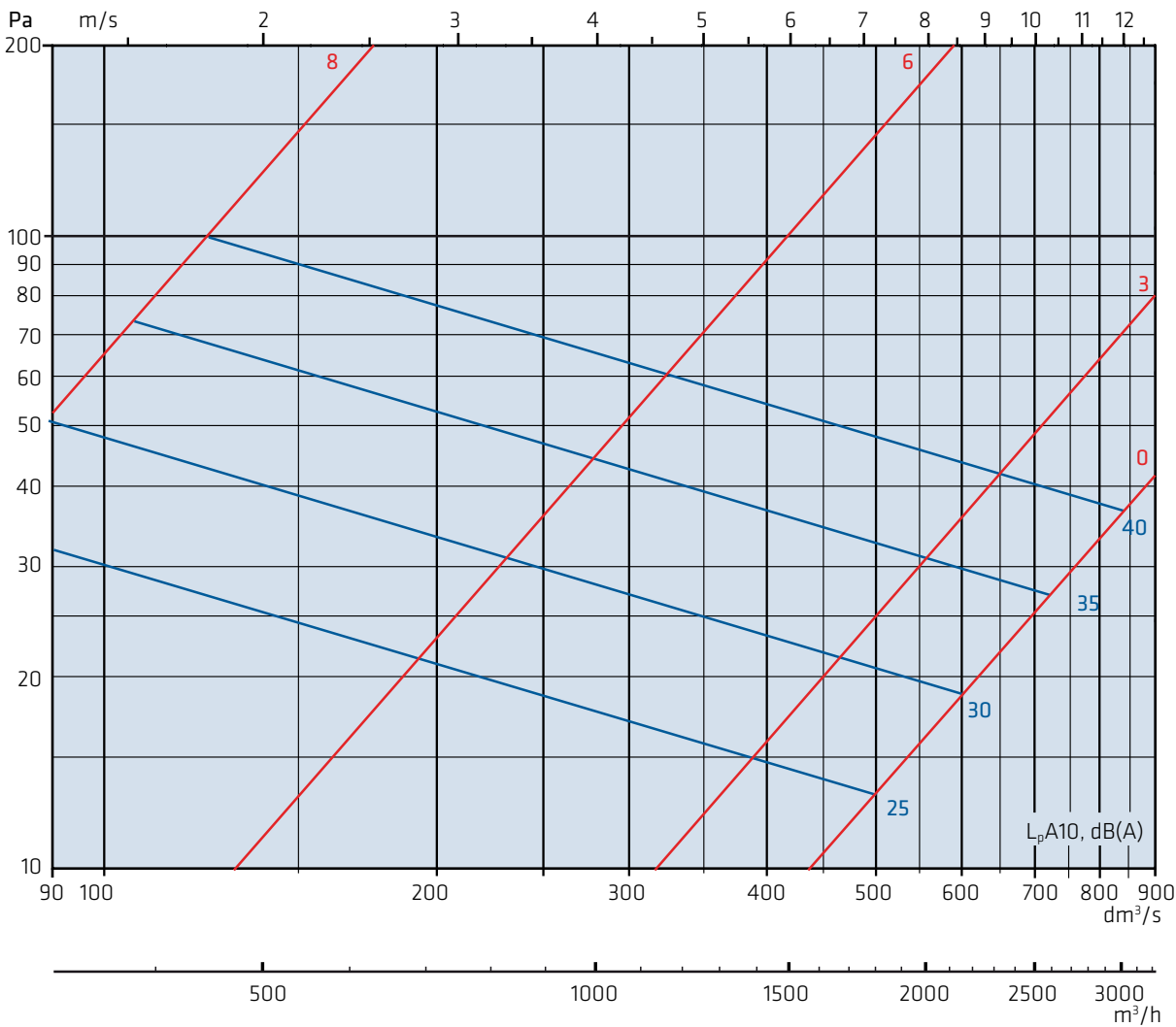


Displacement diffuser DINO-T

Dimensioning

The graphs are not intended for adjustment.

DINO-T 400 + Damper + Sound attenuator



Sound power level		$L_{w\text{okt}} = L_{pA10} + K$							
Size	f, Hz	63	125	250	500	1k	2k	4k	8k
DINO-T 400 + SA	K, dB	6	7	8	2	-2	-6	-12	-23

Sound attenuation									
Size	f, Hz	63	125	250	500	1k	2k	4k	8k
DINO-T 400 + SA	ΔL , dB	8	3	0	1	0	0	3	5
DINO-T 400 + SA	ΔL , dB	9	3	4	10	14	12	10	13

