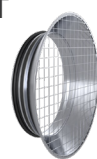
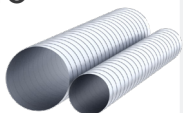
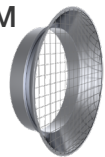
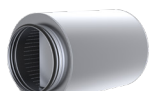
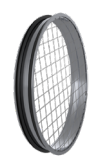
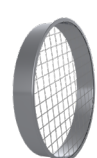
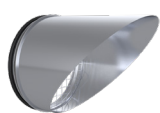
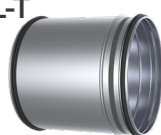
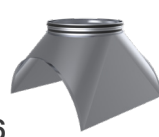
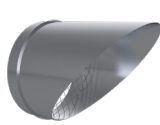
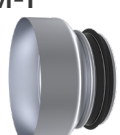
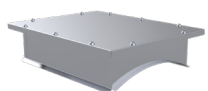




NORDsmoke

Circular smoke extraction ducts

Contents

General 3	NSKM  13	NFCVM-T  21	NK-T  29	NRF-T 100  36
NTO  4	NAL-T  14	NFB-T  22	NKM  30	NRFB-T 100  40
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NI-T  9	NALMH-T  17	NPSK-T  25	NP-T  33	KRI-T  48
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General

NORDsmoke is a certified ventilation ducts product group for single compartment smoke extraction. It is used in a system to control the movement and/or containment of smoke and heat.

NORDsmoke smoke control duct section achieves CE standard requirements.

NORDsmoke ducts are in accordance with EN 13501 standard. Duct system has been tested for 600°C/2 hours (according to EN 1366-9).

NORDsmoke smoke extraction ducts are classified according to EN 13501-4 as follows:

E₆₀₀ 120 (v_e - h_o) S 1500

Classification report of the fire resistance of a smoke extraction duct according to EN 13501-4

Maximum negative pressure is -1500 Pa

Maximum positive pressure is +500 Pa

Resistance temperature is 600 °C for 120 minutes

Round smoke control duct section

We produce NORDsmoke round ducts and fittings according to the requirements of standard EN 1506:2007. Components of NORDsmoke ventilation round ducts fulfil requirements of density class D, if stated installation instructions are followed.

All NORDsmoke round male fittings are equipped with EPDM rubber seals and promaseal tape, which maintain their proper characteristics after installation.

Maximum permitted dimension for installation is Ø 1000 mm.

Marking, dimensions and tolerances

d – Indicates the inside diameter of the duct and female coupling

d1, d2, d3 and d4 – Indicates the outside diameter of conduit components

l, l1, and l3 – The actual length of a conduit component, supplemented to the total length of the ventilation system

L – Strait conduit length

l_p – Overlap length

Tolerance limits for sizes l, r, r_m, s

Sizes l, r, r _m , s, mm	Tolerance, mm
≥ 15	+0 -2
> 15 ≤ 100	+0 -5
> 100	+0 -10

Overlap length l_p.

Nominal size, mm	l _p , mm
100-200	30
250-315	50
400	61
500-630	96
800-1000	110

Tolerance for conduit length L is 0.005L.

Angle tolerance is 2°.

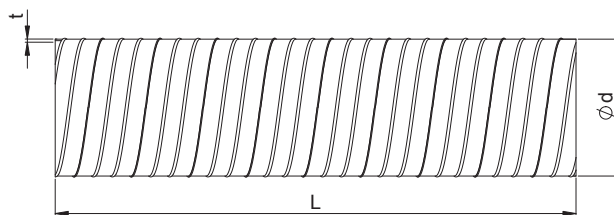
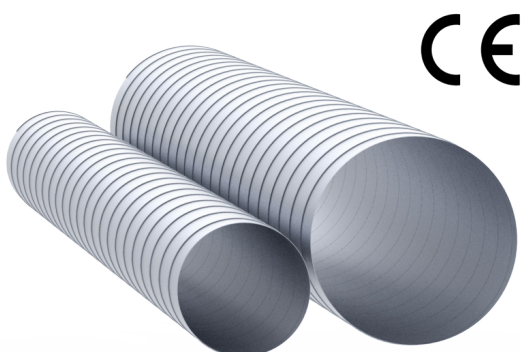
Material

In general all products are made of hot dip galvanized steel sheets, with the minimum thickness of the zinc layer being 275 g/m² on both side (C3 environmental class). As a special order, smoke ducts and fittings can be produced also from Magnelis (ZM310) coated steel (C4 environmental class).

Marking

Marking of standard products should clearly indicate the type and size of the product. All dimensions are given in millimeters. Each product of the smoke and heat control systems ducts are labeled with the CE label.

NTO Smoke duct



NTO smoke ducts are made of hot-dip galvanized sheet steel. Standard lengths $L=3$ m. The spiral ducts fulfil density class D requirements. NORDsmoke spiral ducts are in accordance with EN 12101-7 standard.

Dimension d	Material thickness t, mm	Weight, kg/m
100	0,5	1,3
125	0,5	1,6
160	0,5	2,1
200	0,5	2,6
250	0,5	3,2
315	0,5	3,9
400	0,7	7,9
500	0,7	10,0
630	0,7	12,0
800	0,7	15,2
1000	0,9	25,0

Duct profiles

Sizes 100-250 mm



Sizes 315-1000 mm



Product code

	NTO	-	ZM	-	D	-	L
Marking							
Material							
Diameter D							
Length							

(-) – galvanized steel (Z275)
ZM – zinc-magnesium coated steel (ZM310)

3 m, 6 m

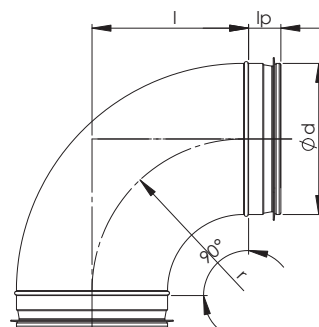
Example: NTO 315-3

NVP-T Bend

$$r=1*d$$

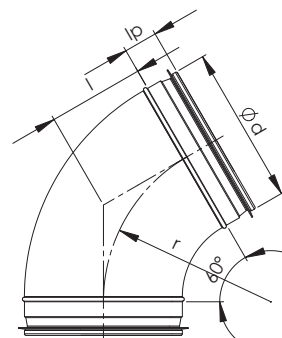
NVP-T 90°

Nominal size d_1	l mm	l_p mm	Weight kg
100	100	30	0,35
125	125	30	0,46
160	160	30	0,83
200	200	30	1,27



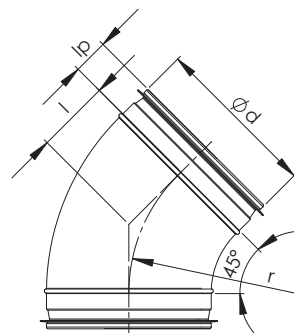
NVP-T 60°

Nominal size d_1	l mm	l_p mm	Weight kg
100	58	30	0,4
125	72	30	0,5
160	92	30	0,7
200	115	30	0,95



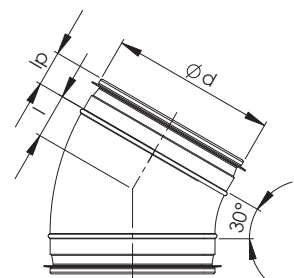
NVP-T 45°

Nominal size d_1	l mm	l_p mm	Weight kg
100	40	30	0,24
125	51	30	0,34
160	65	30	0,52
200	80	30	0,77



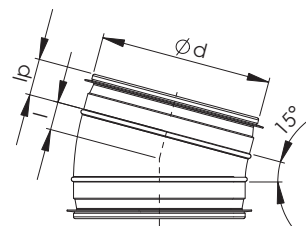
NVP-T 30°

Nominal size d_1	l mm	l_p mm	Weight kg
100	27	30	0,2
125	33	30	0,27
160	43	30	0,4
200	54	30	0,65



NVP-T 15°

Nominal size d_1	l mm	l_p mm	Weight kg
100	13	30	0,17
125	16	30	0,25
160	21	30	0,45
200	26	30	0,5



Product codes

NVP-T - d - α

Marking _____

Diameter d _____

Angle α _____

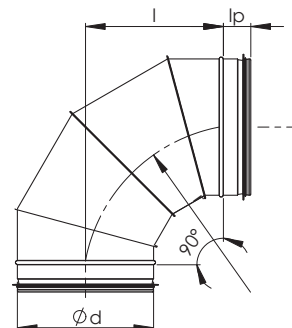
Example: NVP 200-90

NV-T Bend

Segmented and lockseamed ventilation bend. $r=1*d$.
Available standard angles are 90, 60, 45, 30, 15 degrees.

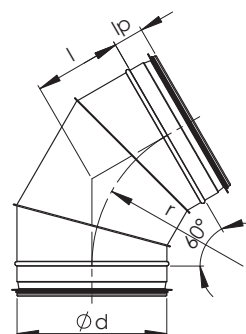
NV 90°

Nominal size d	l mm	l _p mm	Weight kg
100	100	30	0,40
125	125	30	0,55
160	160	30	0,8
200	200	30	1,1
250	250	50	1,7
315	315	50	3,6
400	400	50	6,9
500	500	61	10,1
630	630	61	15,0
800	800	96	27,0
1000	1000	110	47,0



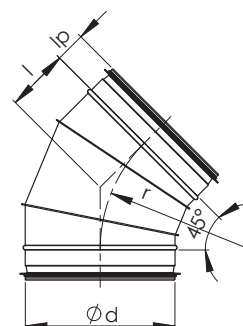
NV 60°

Nominal size d	l mm	l _p mm	Weight kg
100	57	30	0,27
125	73	30	0,4
160	93	30	0,6
200	117	30	0,9
250	146	50	2,2
315	184	50	3,0
400	234	50	4,6
500	292	61	6,1
630	367	61	9,3
800	466	96	15,6
1000	583	110	29,0



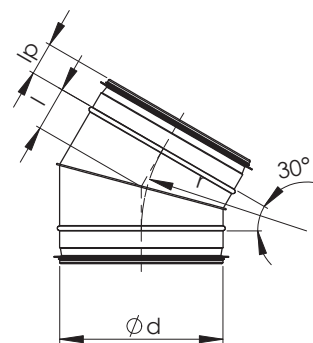
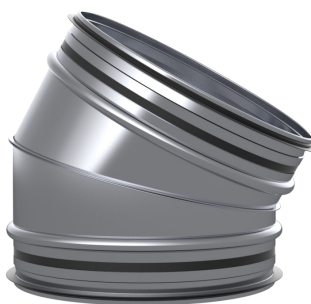
NV 45°

Nominal size d	l mm	l _p mm	Weight kg
100	40	30	0,3
125	50	30	0,4
160	65	30	0,6
200	80	30	0,8
250	105	50	1,1
315	130	50	2,2
400	165	50	3,7
500	205	61	5,1
630	260	61	7,7
800	330	96	15,0
1000	415	110	24,0



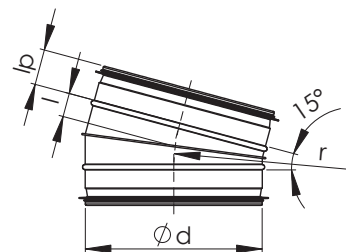
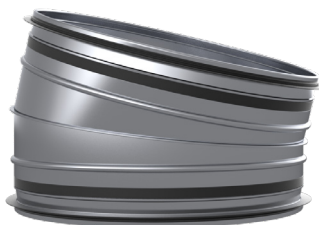
NV 30°

Nominal size d	l mm	l _p mm	Weight kg
100	27	30	0,18
125	34	30	0,25
160	43	30	0,37
200	54	30	0,54
250	70	50	0,8
315	85	50	1,7
400	110	50	3,4
500	135	61	3,7
630	170	61	5,6
800	215	96	11,0
1000	270	110	17,0



NV 15°

Nominal size d	l mm	l _p mm	Weight kg
100	13	30	0,16
125	16	30	0,22
160	21	30	0,32
200	26	30	0,47
250	33	50	0,75
315	51	50	1,1
400	53	50	1,9
500	66	61	2,4
630	83	61	3,3
800	105	96	7,5
1000	132	110	13,0



Product code

NV-T - ZM - d - 90

Marking _____

Material _____
 (-) – galvanized steel (Z275)
 ZM – zinc-magnesium coated steel (ZM310)

Diameter d _____

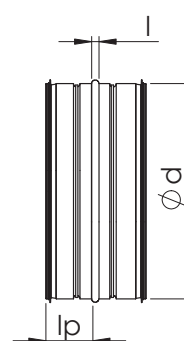
Angle _____
 90°, 60°, 45°, 30°, 15°

Example: NV-T 315-90

NI-T Coupling

Round ventilation system coupling for connection.

Nominal size d	l, mm	l _p , mm	Weight kg
100	5	30	0,11
125	5	30	0,13
160	5	30	0,17
200	5	30	0,22
250	7	50	0,45
315	7	50	0,55
400	7	50	0,88
500	7	61	1,4
630	7	61	1,8
800	16	96	2,7
1000	16	110	6,1



Product code

NI-T - ZM - d

Marking _____

Material _____

(-) – galvanized steel (Z275)
ZM – zinc-magnesium coated steel (ZM310)

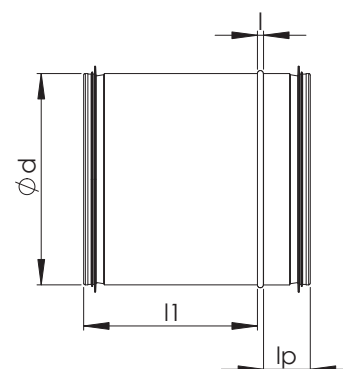
Diameter d _____

Example: NI-T 315

NIL-T Slide-in coupling

Long coupling allows for the adjustment of duct length in the fitting area.

Nominal size d	l_1 , mm	l , mm	l_p , mm	Weight, kg
100	159	5	30	0,35
125	159	5	30	0,4
160	159	5	30	0,5
200	159	5	30	0,7
250	202	7	50	0,9
315	202	7	50	1,1
400	202	7	50	2,0
500	301	7	61	2,8
630	301	7	61	3,5
800	475	16	96	6,3
1000	480	16	110	13,5



Product code

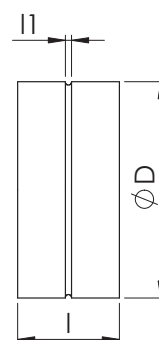
NIL-T - ZM - d
 Marking _____
 Material _____
 (-) – galvanized steel (Z275)
 ZM – zinc-magnesium coated steel (ZM310)
 Diameter d _____

Example: NIL-T 315

NM Female coupling

NM female coupling is designed for connection of different ventilation components.

Nominal size d	l, mm	l ₁ , mm	Weight kg
100	79	10	0,12
125	79	10	0,15
160	79	10	0,19
200	79	10	0,24
250	107	10	0,38
315	107	10	0,48
400	148	10	1,13
500	170	14	1,5
630	170	14	1,9
800	235	13	3,3
1000	235	13	5,3



Product code

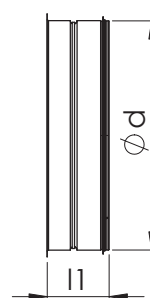
	NM	-	ZM	-	d
Marking					
Material					
	(-) – galvanized steel (Z275)				
	ZM – zinc-magnesium coated steel (ZM310)				
Diameter d					

Example: NM 315

NSK-T Saddle

Straight saddle.

Nominal size d	l ₁ , mm	Weight, kg
100	40	0,09
125	40	0,11
160	40	0,14
200	40	0,18
250	43	0,23
315	43	0,45
400	55	0,6
500	55	0,7
630	55	1,0
800	80	1,5
1000	97	2,9



Product code

NSK-T - ZM - d

Marking _____

Material _____
 (-) – galvanized steel (Z275)
 ZM – zinc-magnesium coated steel (ZM310)

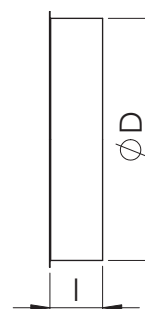
Diameter d _____

Example: NSK-T 315

NSKM Female saddle

Female straight saddle.

Nominal size d	l, mm	Weight, kg
100	41	0,08
125	41	0,10
160	41	0,13
200	41	0,16
250	61	0,26
315	61	0,32
400	76	0,68
500	74	0,78
630	74	0,98
800	114	1,80
1000	114	2,88



Product code

NSKM - ZM - d

Marking _____

Material _____

(-) – galvanized steel (Z275)
ZM – zinc-magnesium coated steel (ZM310)

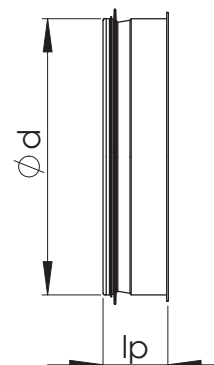
Diameter d _____

Example: NSKM 315

NAL-T End cap

End cap for ventilation duct.

Nominal size d	l _p , mm	Weight, kg
100	48	0,1
125	48	0,19
160	48	0,26
200	48	0,35
250	57	0,6
315	57	0,9
400	55	1,2
500	55	1,8
630	55	2,8
800	82	5,4
1000	96	9,2



Product code

NAL-T - ZM - d

Marking _____

Material _____

(-) – galvanized steel (Z275)

ZM – zinc-magnesium coated steel (ZM310)

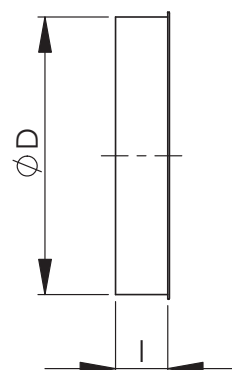
Diameter d _____

Example: NAL-T 315

NALM-T Female end cap

End cap for fitting.

Nominal size d	l, mm	Weight, kg
100	50	0,09
125	50	0,11
160	50	0,16
200	50	0,21
250	59	0,34
315	59	0,51
400	59	0,76
500	74	1,9
630	74	2,8
800	114	4,5
1000	114	8,5



Product code

NALM-T - ZM - d

Marking

Material

Diameter d

(-) – galvanized steel (Z275)

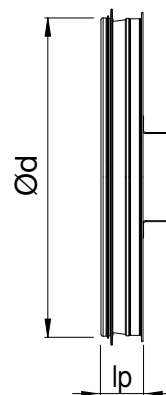
ZM – zinc-magnesium coated steel (ZM310)

Example: NALM-T 315

NALH-T Cleaning cover

End cap-cleaning cover for ventilation duct.

Nominal size d	l _p , mm	Weight, kg
100	48	0,1
125	48	0,19
160	48	0,26
200	48	0,35
250	57	0,6
315	57	0,9
400	55	1,2
500	55	1,8
630	55	2,8
800	82	5,4
1000	96	9,2



Product code

NALH-T - ZM - d

Marking _____

Material _____

(-) – galvanized steel (Z275)
ZM – zinc-magnesium coated steel (ZM310)

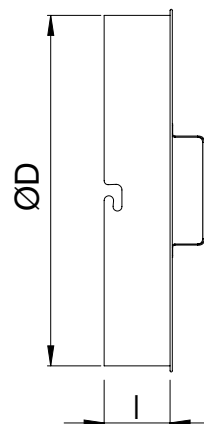
Diameter d _____

Example: NALH-T 315

NALMH-T Cleaning cover

End cap-cleaning cover for fitting.

Nominal size d	l, mm	Weight, kg
100	50	0,09
125	50	0,11
160	50	0,16
200	50	0,21
250	59	0,34
315	59	0,51
400	59	0,76
500	74	1,9
630	74	2,8
800	114	4,5
1000	114	8,5



Product code

NALMH-T - ZM - d

Marking

Material

(-) – galvanized steel (Z275)

ZM – zinc-magnesium coated steel (ZM310)

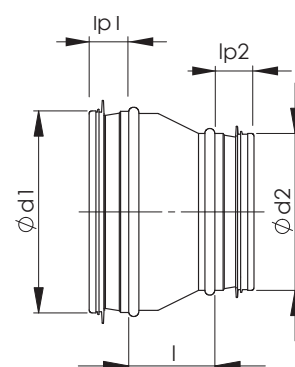
Diameter d

Example: NALMH-T 315

NFC-T Reducer, concentric (pressed)

Concentric reducer is designed for connection of different sizes of ventilation ducts. Reducer is made from hot dip galvanized steel sheet (Z275).

Nominal size d1-d2	l, mm	l _{p1} , mm	l _{p2} , mm	Weight, kg
125-100	44	30	30	0,17
160-100	62	30	30	0,30
160-125	42	30	30	0,25
200-100	82	30	30	0,39
200-125	62	30	30	0,40
200-160	45	30	30	0,35
250-160	63	45	35	0,57
250-200	43	45	35	0,55
315-160	96	45	35	0,93
315-200	76	45	35	0,78
315-250	51	45	45	0,74



Product code

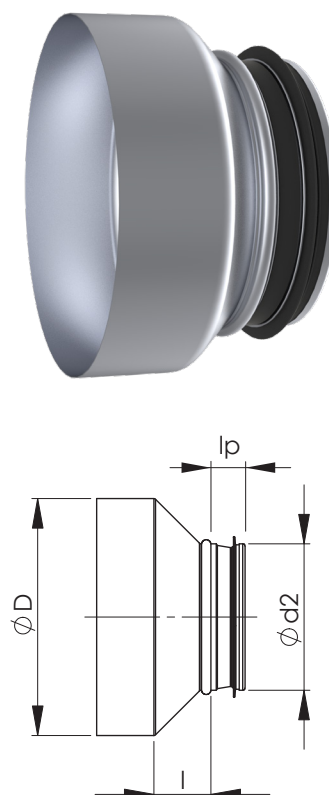
	NFC-T	-	d1	-	d2
Marking					
Diameter d1					
Diameter d2					

Example: NFC-T 315-200

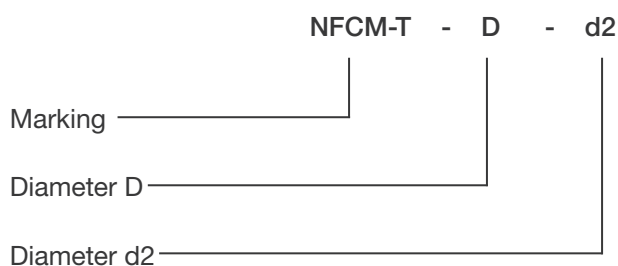
NFCM-T Reducer, concentric (pressed)

Concentric reducer between different sizes of ducts and parts.
Reducer is made from hot dip galvanized steel sheet (Z275).

Nominal size D-d2	l, mm	l _p , mm	Weight, kg
125-100	64	35	0,15
160-100	84	35	0,30
160-125	69	35	0,21
200-100	110	35	0,39
200-125	92	40	0,40
200-160	74	35	0,37
250-160	109	35	0,57
250-200	89	35	0,55
315-160	132	40	0,93
315-200	112	40	0,78
315-250	87	40	0,74



Product code



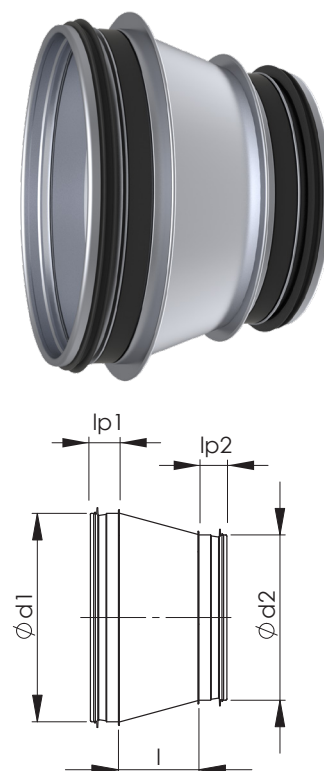
Example: NFCM-T 315-250

NFCV-T Reducer concentric

Reducer reduces the diameter of the ventilation duct to increase or decrease the pressure in the ventilation system.

NFCV-T - concentric reducer (fitting/fitting).

Nominal size d_1-d_2	l , mm	l_{p1} mm	l_{p2} mm	Weight, kg
125-100	60	48	48	0,22
160-100	85	48	48	0,29
160-125	90	48	48	0,26
200-100	150	48	48	0,42
200-125	115	48	48	0,47
200-160	90	48	48	0,4
250-100	230	53	48	0,6
250-125	200	53	48	0,8
250-160	160	53	48	0,8
250-200	105	53	48	0,7
315-125	290	53	48	1,2
315-160	255	53	48	0,8
315-200	190	53	48	1,2
315-250	130	53	53	1,1
400-160	365	50	48	2,5
400-200	310	50	48	2,4
400-250	245	50	53	2,3
400-315	160	50	53	2,0
500-200	450	51	48	3,8
500-250	385	51	53	3,6
500-315	290	51	53	2,4
500-400	185	51	50	2,8
630-250	400	51	53	4,4
630-315	400	51	53	4,6
630-400	355	51	50	4,8
630-500	250	51	51	3,3
800-400	500	75	50	7,5
800-500	460	75	51	7,5
800-630	280	75	51	5,6
1000-400	505	89	50	11,5
1000-500	505	89	51	11,8
1000-630	505	89	51	12,3
1000-800	325	89	75	10,7



Product code

	NFCV-T	-	ZM	-	d1	-	d2
Marking							
Material							
			(-) – galvanized steel (Z275)				
			ZM – zinc-magnesium coated steel (ZM310)				
Diameter d1							
Diameter d2							

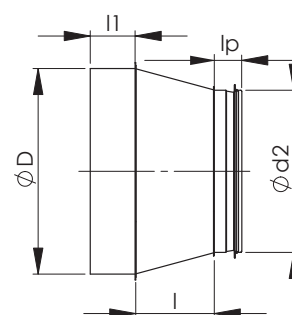
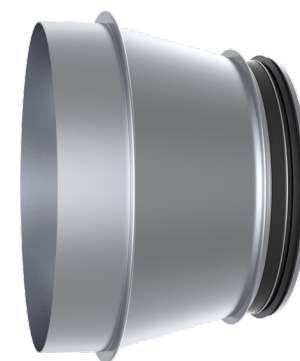
Example: NFCV-T 315-250

NFCVM-T Reducer concentric

Reducer reduces the diameter of the ventilation duct to increase or decrease the pressure in the ventilation system.

NFCVM-T - concentric reducer (duct/fitting).

Nominal size D-d ₂	l, mm	l ₁ , mm	l _p , mm	Weight, kg
125-100	60	49	48	0,22
160-100	85	49	48	0,29
160-125	90	49	48	0,26
200-100	150	49	48	0,42
200-125	115	49	48	0,47
200-160	90	49	48	0,4
250-100	230	58	48	0,6
250-125	200	58	48	0,8
250-160	160	58	48	0,8
250-200	105	58	48	0,7
315-125	290	58	48	1,2
315-160	255	58	48	0,8
315-200	190	58	48	1,2
315-250	130	58	53	1,1
400-160	365	55	48	2,5
400-200	310	55	48	2,4
400-250	245	55	53	2,3
400-315	160	55	53	2,0
500-200	450	70	48	3,8
500-250	385	70	53	3,6
500-315	290	70	53	2,4
500-400	185	70	50	2,8
630-250	400	70	53	4,4
630-315	400	70	53	4,6
630-400	355	70	50	4,8
630-500	250	70	51	3,3
800-400	500	103	50	7,5
800-500	460	103	51	7,5
800-630	280	103	51	5,6
1000-400	505	103	50	11,5
1000-500	505	103	51	11,8
1000-630	505	103	51	12,3
1000-800	325	103	75	10,7



Product code

	NFCVM-T	-	ZM	-	D	-	d2
Marking							
Material							
	(-) – galvanized steel (Z275) ZM – zinc-magnesium coated steel (ZM310)						
Diameter D							
Diameter d2							

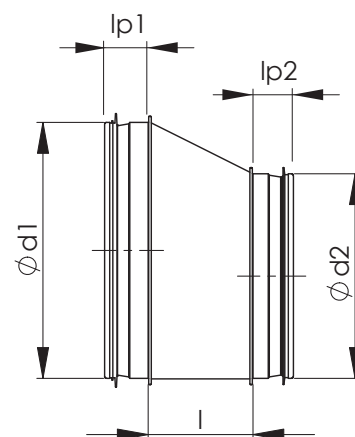
Example: NFCVM-T 250-160

NFB-T Reducer eccentric

Reducer reduces the diameter of the ventilation duct to increase or decrease the pressure in the ventilation system.

NFB-T - eccentric reducer (fitting/fitting)

Nominal size d_1-d_2	l , mm	l_{p1} mm	l_{p2} mm	Weight, kg
125-100	65	48	48	0,16
160-100	105	48	48	0,23
160-125	75	48	48	0,21
200-100	160	48	48	0,31
200-125	130	48	48	0,3
200-160	85	48	48	0,3
250-100	215	53	48	0,8
250-125	200	53	48	0,65
250-160	145	53	48	0,75
250-200	95	53	48	0,75
315-125	275	53	48	1,3
315-160	230	53	48	1,2
315-200	180	53	48	1,1
315-250	115	53	53	1,0
400-160	345	50	48	2,5
400-200	290	50	48	2,5
400-250	230	50	53	2,1
400-315	150	50	53	1,8
500-200	430	51	48	3,8
500-250	355	51	53	3,5
500-315	275	51	53	2,9
500-400	175	51	50	2,8
630-250	350	51	53	4,5
630-315	380	51	53	4,7
630-400	345	51	50	5,0
630-500	240	51	51	4,0
800-400	470	75	50	7,5
800-500	440	75	51	8,2
800-630	265	75	51	6,3
1000-400	535	89	50	11,7
1000-500	445	89	51	12,0
1000-630	475	89	51	12,4
1000-800	310	89	75	9,8



Product code

	NFB-T	-	ZM	-	d1	-	d2
Marking							
Material							
	(-) – galvanized steel (Z275)						
	ZM – zinc-magnesium coated steel (ZM310)						
Diameter d1							
Diameter d2							

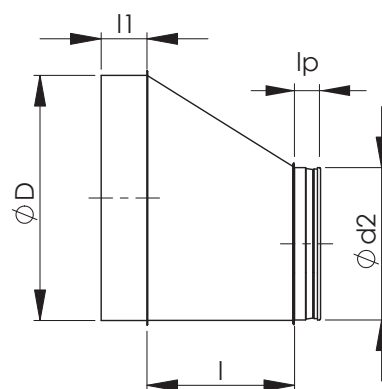
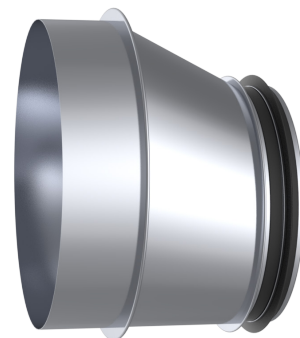
Example: NFB-T 315-250

NFBM-T Reducer eccentric

Reducer reduces the diameter of the ventilation duct to increase or decrease the pressure in the ventilation system.

NFBM-T - eccentric reducer (duct/fitting)

Nominal size D-d ₂	l, mm	l ₁ , mm	l _p , mm	Weight, kg
125-100	65	49	48	0,16
160-100	105	49	48	0,23
160-125	75	49	48	0,21
200-100	160	49	48	0,31
200-125	130	49	48	0,3
200-160	85	49	48	0,3
250-100	215	58	48	0,8
250-125	200	58	48	0,65
250-160	145	58	48	0,75
250-200	95	58	48	0,75
315-125	275	58	48	1,3
315-160	230	58	48	1,2
315-200	180	58	48	1,1
315-250	115	58	53	1,0
400-160	345	55	48	2,5
400-200	290	55	48	2,5
400-250	230	55	53	2,1
400-315	150	55	53	1,8
500-200	430	70	48	3,8
500-250	355	70	53	3,5
500-315	275	70	53	2,9
500-400	175	70	50	2,8
630-250	350	70	53	4,5
630-315	380	70	53	4,7
630-400	345	70	50	5,0
630-500	240	70	51	4,0
800-400	470	103	50	7,5
800-500	440	103	51	8,2
800-630	265	103	51	6,3
1000-400	535	103	50	11,7
1000-500	445	103	51	12,0
1000-630	475	103	51	12,4
1000-800	310	103	75	9,8



Product code

NFBM-T - ZM - D - d2

Marking _____

Material _____
 (-) – galvanized steel (Z275)
 ZM – zinc-magnesium coated steel (ZM310)

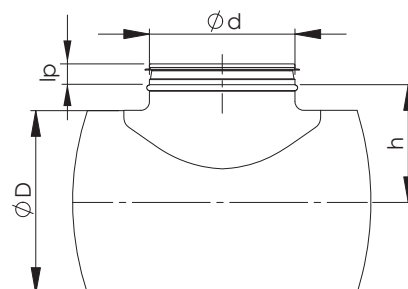
Diameter D _____

Diameter d2 _____

Example: NFBM-T 250-160

NPS-T Saddle (pressed)

Nominal size D-d	h, mm	l _p mm	Weight, kg
100-100	65	35	0,14
125-100	78	35	0,13
125-125	80	35	0,21
160-100	95	35	0,12
160-125	97	35	0,19
160-160	109	35	0,34
200-100	115	35	0,12
200-125	117	35	0,17
200-160	129	35	0,29
200-200	133	35	0,46
250-100	140	35	0,12
250-125	142	35	0,17
250-160	154	35	0,29
250-200	158	35	0,41
250-250	136	35	0,63
315-100	173	35	0,12
315-125	175	35	0,17
315-160	187	35	0,27
315-200	191	35	0,41
315-250	169	35	0,50
315-315	179	35	0,85
400-100	215	35	0,12
400-125	217	35	0,15
400-160	229	35	0,25
400-200	233	35	0,37
400-250	211	35	0,49
400-315	221	35	0,68
500-100	265	35	0,12
500-125	267	35	0,15
500-160	279	35	0,25
500-200	270	35	0,48
500-250	285	45	0,69
500-315	285	45	0,85
630-100	351	35	0,12
630-125	351	35	0,15
630-160	335	35	0,48
630-200	335	35	0,48
630-250	350	45	0,69
630-315	350	45	0,85



Product code

NPS-T - D - d

Marking _____

Diameter D _____

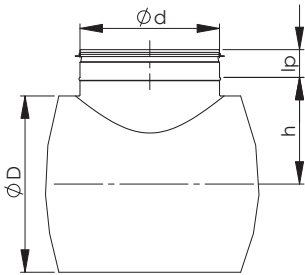
Diameter d _____

Example: **NPS-T 315-250**

NPSK-T Saddle

Saddle with seal to fit round duct.

Nominal size D-d	h, mm	l _p mm	Weight, kg
500-200	270	30	0,40
500-250	270	50	0,52
500-315	270	50	0,83
630-160	335	30	0,35
630-200	335	30	0,40
630-250	335	50	0,55
630-315	335	50	0,75
800-250	420	50	0,6
800-315	420	50	0,8



Product code

NPSK-T - ZM - D - d

Marking

Material

Diameter D

Diameter d

(-) – galvanized steel (Z275)

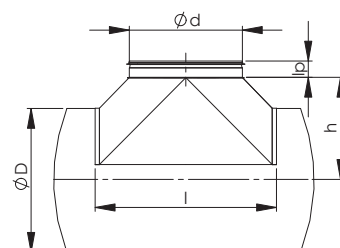
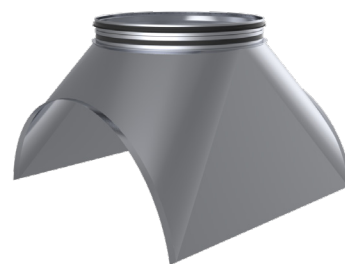
ZM – zinc-magnesium coated steel (ZM310)

Example: NPSK-T 500-315

NPSV-T Saddle

Segmented saddle with seal to fit round duct.

Nominal size D-d	l, mm	l _p mm	h, mm	Weight, kg
400-400	625	50	300	2,9
500-400	636	50	355	3,2
500-500	720	51	350	3,9
630-400	636	50	410	3,2
630-500	733	51	370	4,7
630-630	866	51	420	5,7
800-400	636	50	505	3,5
800-500	720	51	510	4,6
800-630	850	51	520	6,2
800-800	1060	75	520	8,6
1000-500	713	51	600	4,9
1000-630	845	51	600	7,2
1000-800	1042	75	610	10,1
1000-1000	1252	89	615	15,3
1250-630	845	51	725	11,0
1250-800	1083	75	760	9,0
1250-1000	1251	89	745	15,0
1250-1250	1560	89	775	22,0



Product code

NPSV-T - ZM - D - d

Marking

Material

(-) – galvanized steel (Z275)

ZM – zinc-magnesium coated steel (ZM310)

Diameter D

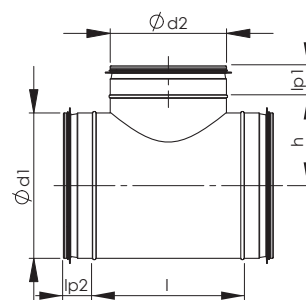
Diameter d

Example:: NPSV-T 500-400

NTK-T T-piece

Assembled T-pieces with NPS-T/NPSK-T saddle.

Nominal size d ₁ -d ₂	l, mm	l _{p2} mm	l _{p1} mm	h, mm	Weight, kg
100-100	182	30	35	85	0,5
125-100	168	30	35	98	0,5
125-125	196	30	35	98	0,7
160-100	168	30	35	115	0,6
160-125	212	30	35	115	0,8
160-160	236	30	35	115	1,0
200-100	174	30	35	135	0,7
200-125	212	30	35	135	0,9
200-160	309	30	35	135	1,1
200-200	306	30	35	135	1,3
250-100	172	50	35	160	1,0
250-125	198	50	35	160	1,2
250-160	302	50	35	160	1,3
250-200	320	50	35	160	1,7
250-250	350	50	35	160	2,1
315-100	204	50	35	193	1,2
315-125	219	50	35	193	1,4
315-160	261	50	35	193	1,7
315-200	320	50	35	193	2,1
315-250	398	50	35	193	2,8
315-315	408	50	35	193	3,0
400-100	172	50	35	235	2,1
400-125	254	50	35	235	2,3
400-160	271	50	35	235	2,7
400-200	314	50	35	235	3,3
400-250	350	50	35	235	3,7
400-315	454	50	35	235	4,4
500-100	212	61	35	285	2,8
500-125	232	61	35	285	3,1
500-160	297	61	35	285	3,5
500-200	362	61	35	285	4,3
500-250	367	61	35	285	4,8
500-315	462	61	35	285	5,8
630-100	223	61	35	350	3,7
630-125	237	61	35	350	4,0
630-160	322	61	35	350	4,4
630-200	366	61	35	350	5,3
630-250	442	61	35	350	6,0
630-315	473	61	35	350	7,0
800-250	405	96	35	461	8,3
800-315	450	96	35	439	9,6



Product code

NTK-T - ZM - d1 - d2

Marking _____

Diameter d1 _____

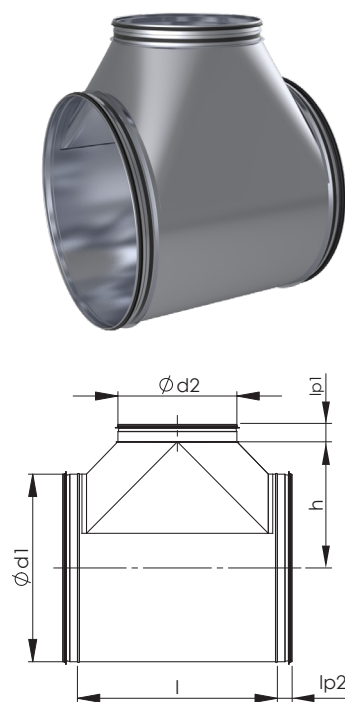
Diameter d2 _____

Example: NTK-T 500-250

NTKV T-piece

Assembled T-pieces with NPSV-T segment saddle.

Nominal size d ₁ -d ₂	l, mm	h, mm	l _{p1} mm	l _{p2} mm	Weight, kg
400-400	617	300	52	52	7,3
500-400	628	355	53	52	8,5
500-500	712	350	53	52	9,8
630-400	628	420	52	52	10,1
630-500	725	420	53	53	12,6
630-630	858	420	53	53	14,4
800-400	628	505	52	52	13,1
800-500	712	500	53	53	15,3
800-630	840	500	53	53	18,3
800-800	1052	520	80	80	22,3
1000-500	705	600	53	53	22,3
1000-630	837	600	53	53	26,6
1000-800	1034	610	80	80	32,0
1000-1000	1244	615	94	94	42,5
1250-630	837	725	53	53	43,0
1250-800	1074	760	80	80	38,0
1250-1000	1243	745	94	94	48,0
1250-1250	1552	775	94	94	60,0



Product code

NTKV-T - ZM - d1 - d2

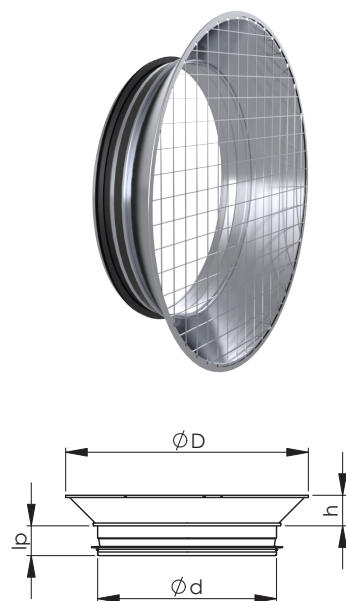
Marking				
Material				
(-) – galvanized steel (Z275) ZM – zinc-magnesium coated steel (ZM310)				
Diameter d1				
Diameter d2				

Example: NTKV-T 500-400

NK-T Air intake with mesh

NK-T connection with a mesh is used as the end piece of ventilation ducts.

Nominal size d	l_p , mm	h, mm	D, mm	Weight, kg
100	48	60	190	0,32
125	48	60	215	0,45
160	48	60	250	0,6
200	48	60	295	0,75
250	53	60	340	0,9
315	53	60	405	1,3
400	50	75	495	1,6
500	51	75	615	2,2
630	51	90	770	3,3
800	75	90	945	4,9
1000	89	105	1170	7,3



Product code

NK-T - ZM - d

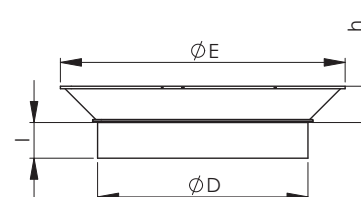
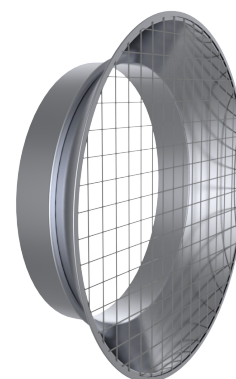
Marking _____ Material _____ (-) – galvanized steel (Z275) ZM – zinc-magnesium coated steel (ZM310) Diameter d _____	NK-T - ZM - d
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Example: NK-T 315

NKM Air intake with mesh for fitting

Air intake equipped with a mesh is used at the end of the air intake and extraction conduits.

Nominal size D	l, mm	h, mm	E, mm	Weight, kg
100	39	60	190	0,32
125	39	60	215	0,45
160	39	60	250	0,6
200	39	60	295	0,75
250	58	60	340	0,9
315	58	60	405	1,3
400	55	75	495	1,6
500	70	75	615	2,2
630	70	90	770	3,3
800	103	90	945	4,9
1000	103	105	1170	7,3



Product code

NKM - ZM - D

Marking _____

Material _____

(-) – galvanized steel (Z275)

ZM – zinc-magnesium coated steel (ZM310)

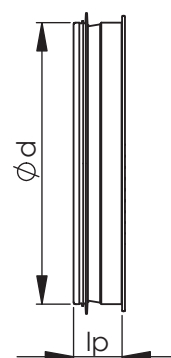
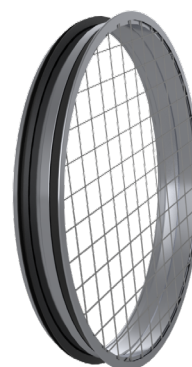
Diameter D _____

Example: NKM 315

NG-T Air intake with mesh for fitting

Take-off equipped with a mesh is used at the end of the air supply and exhaust duct.

Nominal size d	l_p , mm	Weight, kg
100	48	0,1
125	48	0,13
160	48	0,17
200	48	0,25
250	53	0,4
315	53	0,5
400	50	0,8
500	51	1,1
630	51	1,4
800	75	2,4
1000	89	3,7



Product code

	NG-T	-	ZM	-	d
Marking					
Material					
Diameter d					

(-) – galvanized steel (Z275)

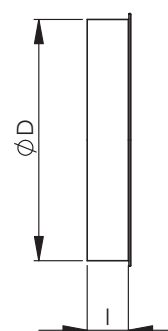
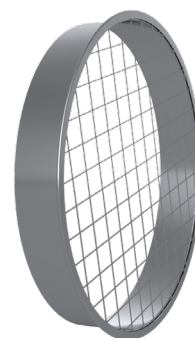
ZM – zinc-magnesium coated steel (ZM310)

Example: NG-T 315

NGM Air intake with mesh for fitting

Take-off equipped with a mesh is used at the end of the air supply and exhaust duct.

Nominal size d	l, mm	Weight, kg
100	39	0,1
125	39	0,13
160	39	0,17
200	39	0,25
250	58	0,4
315	58	0,5
400	55	0,8
500	70	1,1
630	70	1,4
800	103	2,4
1000	103	3,7



Product code

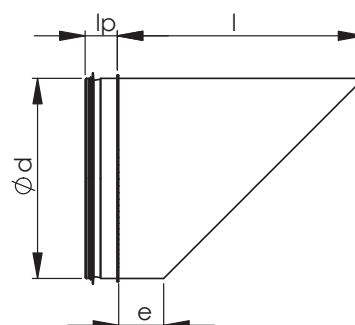
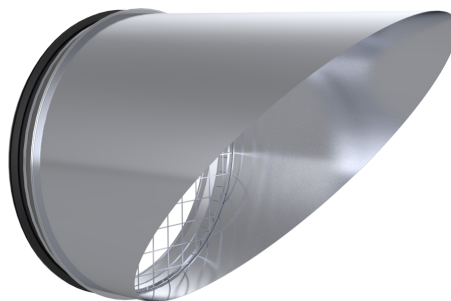
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Marking					
Material					
	(-) – galvanized steel (Z275)				
	ZM – zinc-magnesium coated steel (ZM310)				
Diameter D					

Example: NGM 315

NP-T Air intake for duct

Air intake with a mesh is used at the end of the air supply and exhaust duct.

Nominal size d	l _p , mm	l, mm	e, mm	Weight, kg
100	48	155	55	0,35
125	48	155	30	0,45
160	48	200	40	0,6
200	48	240	40	0,8
250	53	300	50	0,9
315	53	365	50	1,7
400	50	450	50	3,5
500	51	560	60	4,8
630	51	690	60	7,5
800	75	870	70	13,0
1000	89	1070	70	18,0



Product code

NP-T - ZM - d

Marking

Material

(-) – galvanized steel (Z275)

ZM – zinc-magnesium coated steel (ZM310)

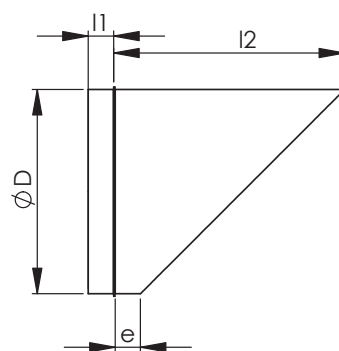
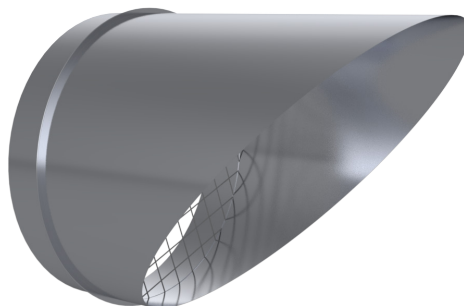
Diameter d

Example: NP 315

NPM Air intake for fitting

Air intake with a mesh is used at the end of the air supply and exhaust duct.

Nominal size D	l1, mm	l2, mm	e, mm	Weight, kg
100	39	165	65	0,35
125	39	190	65	0,45
160	39	200	40	0,6
200	39	240	40	0,8
250	58	300	50	0,9
315	58	365	50	1,7
400	55	450	50	3,5
500	70	560	60	4,8
630	70	690	60	7,5
800	103	870	70	13,0
1000	103	1070	70	18,0



Product code

NPM - ZM - D

Marking _____

Material _____
 (-) – galvanized steel (Z275)
 ZM – zinc-magnesium coated steel (ZM310)

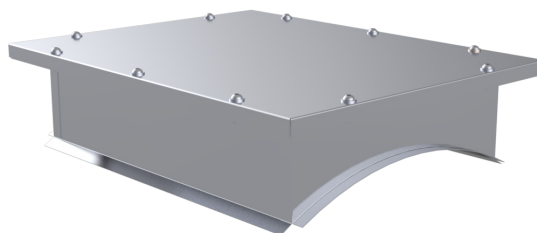
Diameter D _____

Example: NPM 315

TPLE-T Insulated access door

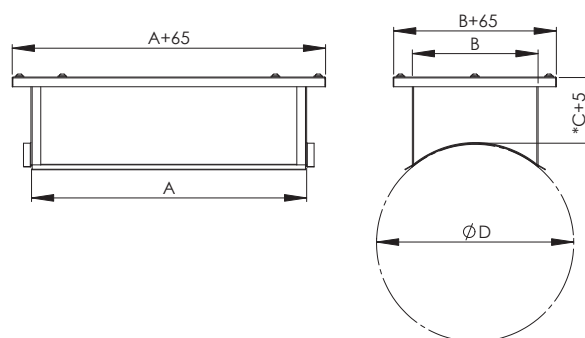
Insulated access door for round duct of Ø 100-1000 mm.
Access doors meet requirements for tightness class C (EVS-EN 12237:2003).

Used fire insulation meets the testing methods requirements according to EN1366-1. Fire insulation strengths in accordance with EN-13501-1.



Nominal size Ø D, mm	A	B
100	200	100
125	200	100
160	200	100
200	200	100
250	200	100
315	200	100
400	300	200
500	300	200
630	400	300
800	400	300
1000	400	300

*C=Insulation thickness



Product code

TPLE-T - ZM - EI60 - d - AxB

Marking

Material

(-) – galvanized steel (Z275)

ZM – zinc-magnesium coated steel (ZM310)

Insulation type

S - thermal insulation mm (S50, S100)

EI - fire insulation, EI60, EI120 (100 mm)

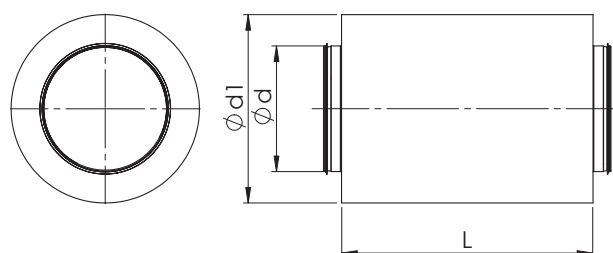
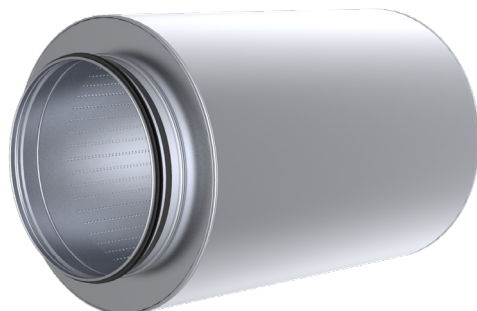
Duct diameter d

Opening size

Example: TPLE-T-S100-315

NRF-T 50 Silencer

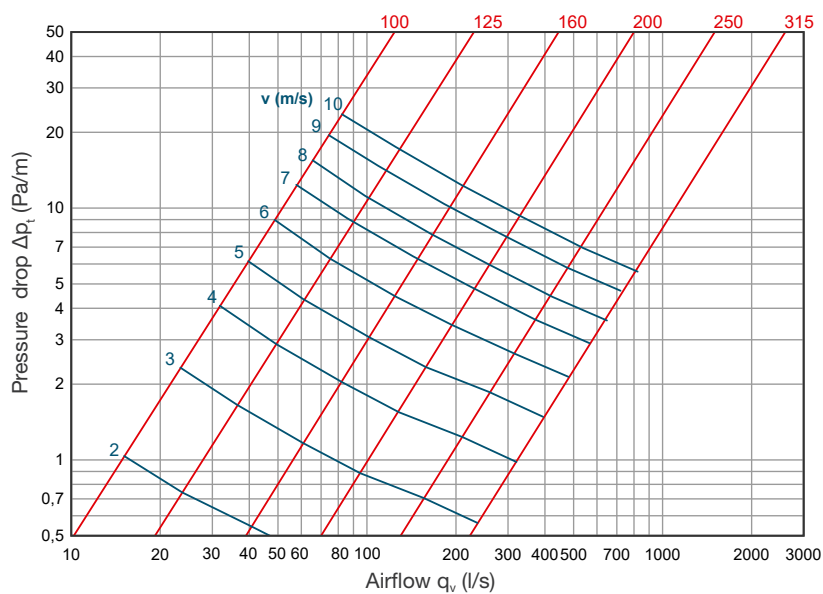
Round silencer with 50 mm sound absorption.
NRF-T-silencer's sound absorption material is mineral wool and The perforated inner tube and outer shell are manufactured of galvanized steel. Between the inner tube and the insulation, there is fabric to prevent wool fibres getting into the ventilation system.
NRF-T silencer meets the requirements of air tightness class C.



Sound attenuation by octave bands, dimensions and weights

Nominal size Ød mm	L, mm	Ød ₁ ,mm	Sound attenuation (dB)								Weight, kg
			Mean frequency of octave band (Hz)								
			63	125	250	500	1000	2000	4000	8000	
100	300	200	3	4	8	15	26	26	20	11	2.3
100	600	200	4	7	13	25	41	47	33	17	4.1
100	900	200	5	8	18	34	49	49	41	23	5.2
100	1200	200	6	9	21	41	53	52	48	28	6.5
125	300	225	2	4	7	13	19	24	17	11	2.7
125	600	225	3	6	13	24	35	43	25	16	5.2
125	900	225	3	6	15	31	45	47	35	19	6.2
125	1200	225	4	6	20	42	54	49	41	23	7.5
160	300	260	1	3	5	12	16	19	11	9	3.0
160	600	260	2	4	10	20	28	31	18	13	6.1
160	900	260	2	6	14	27	37	35	24	17	8.6
160	1200	260	2	7	17	34	48	44	30	19	9.2
200	300	300	1	2	5	10	13	16	9	8	4.1
200	600	300	2	4	9	17	23	27	15	11	6.9
200	900	300	2	5	13	23	35	37	24	15	10.9
200	1200	300	3	6	16	30	45	44	24	16	12.0
250	600	350	2	3	8	15	22	21	12	10	8.6
250	900	350	2	4	12	22	31	28	15	13	11.7
250	1200	350	3	5	14	28	38	36	18	16	16.0
315	600	415	1	2	7	12	18	13	9	9	13.4
315	900	415	1	3	8	16	24	18	12	11	16.3
315	1200	415	1	4	10	20	32	22	14	13	21.1

Technical data



Product code

NRF-T 50 - ZM - d - L

Marking

Material

(-) – galvanized steel (Z275)

ZM – zinc-magnesium coated steel (ZM310)

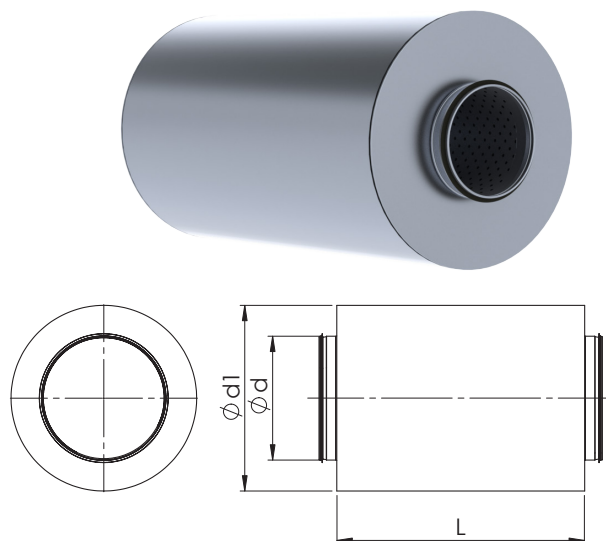
Diameter d

Length L

Example: NRF 50-T 315-900

NRF-T 100 Silencer

Round silencer with 100 mm sound absorption.
NRF-T-silencer's sound absorption material is mineral wool and The perforated inner tube and outer shell are manufactured of galvanized steel. Between the inner tube and the insulation, there is fabric to prevent wool fibres getting into the ventilation system.
NRF-T silencer meets the requirements of air tightness class C.

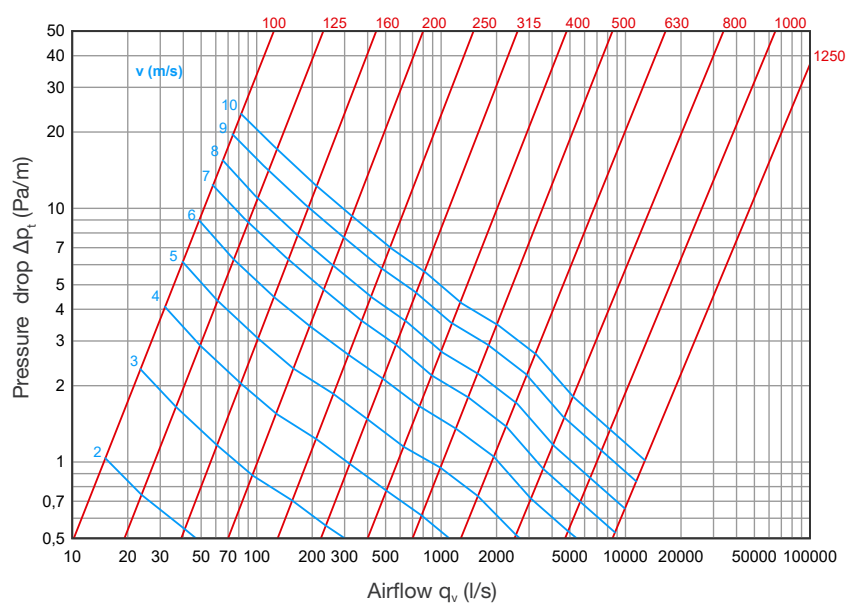


Sound attenuation and dimensions

NRF 100 (absorption material is mineral wool)

Nominal size Ød mm	L, mm	Ød ₁ ,mm	Sound attenuation (dB)								Weight, kg
			Mean frequency of octave band (Hz)								
			63	125	250	500	1000	2000	4000	8000	
100	300	305	3	5	12	17	23	28	21	11	5,6
100	600	305	6	10	18	28	39	44	32	17	9,0
100	900	305	7	12	25	37	51	50	42	23	13,0
100	1200	305	8	13	30	40	55	52	46	29	16,1
125	300	325	4	5	9	14	18	24	18	11	6,1
125	600	325	4	9	17	25	34	38	25	17	9,3
125	900	325	6	10	23	34	46	47	36	20	13,0
125	1200	325	8	12	28	38	52	51	42	24	17,0
160	300	360	4	3	7	11	15	20	13	9	7,1
160	600	360	4	7	14	21	29	34	18	13	11,4
160	900	360	5	9	20	31	41	45	25	16	15,7
160	1200	360	7	10	28	34	48	49	29	19	20,0
200	300	400	4	3	6	9	13	16	10	8	9,3
200	600	400	5	5	10	15	22	26	18	13	14,0
200	900	400	5	8	19	24	35	33	19	15	19,0
200	1200	400	7	9	24	33	44	42	23	16	22,0
250	300	450	2	3	4	7	13	16	10	7	13,0
250	600	450	4	4	11	15	21	21	12	11	15,0
250	900	450	3	5	16	22	31	24	14	12	22,0
250	1200	450	5	7	21	28	40	34	17	15	28,0
315	300	510	2	3	3	6	12	14	8	6	14,0
315	600	510	1	4	8	11	17	14	9	9	18,0
315	900	510	2	5	12	16	25	19	12	11	25,0
315	1200	510	3	6	17	23	34	25	15	14	32,0
400	300	600	2	2	3	5	9	12	7	5	20,0
400	600	600	1	4	6	7	10	9	7	6	25,0
400	900	600	2	5	12	15	20	15	12	9	32,0
400	1200	600	4	6	15	20	27	21	13	13	42,0
500	600	710	1	2	5	7	11	10	7	5	38,0
500	900	710	2	5	9	12	14	11	9	9	41,0
500	1200	710	3	5	11	17	19	14	12	11	51,0
630	900	840	2	4	7	12	14	11	9	7	50,0
630	1200	840	3	5	11	16	14	13	9	7	64,0
800	900	1000	2	4	8	12	11	9	8	6	76,0
800	1200	1000	2	4	9	13	12	10	9	7	81,0
1000	900	1200	0	1	7	7	4	3	3	3	84,0
1000	1200	1200	1	3	9	9	6	4	4	4	106,0
1250	1200	1450	1	3	9	6	5	4	3	2	129,0

Technical data



Product code

NRF-T 100 - ZM - d - L

Marking

Material

(-) – galvanized steel (Z275)

ZM – zinc-magnesium coated steel (ZM310)

Diameter d

Length L

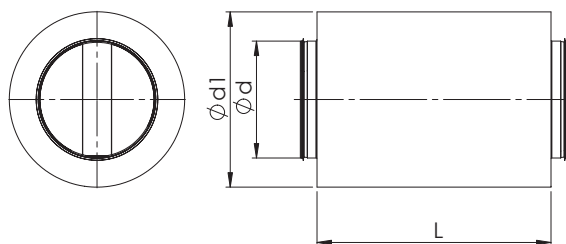
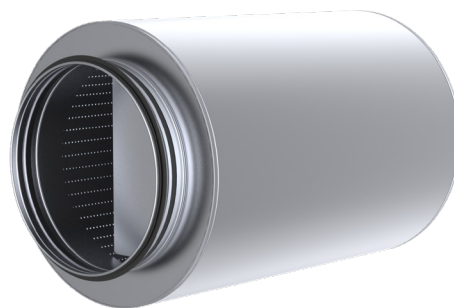
Example: NRF-T 100 315-900

NRFB-T 100 Silencer

Round silencer with 100 mm sound absorption and 100 mm absorption element. NRFB-silencer's sound absorption material is mineral wool.

The perforated inner tube and outer shell are manufactured of galvanized steel. Between the inner tube and the insulation, there is fabric to prevent wool fibres getting into the ventilation system.

NRFB-T silencer meets the requirements of air tightness class C.

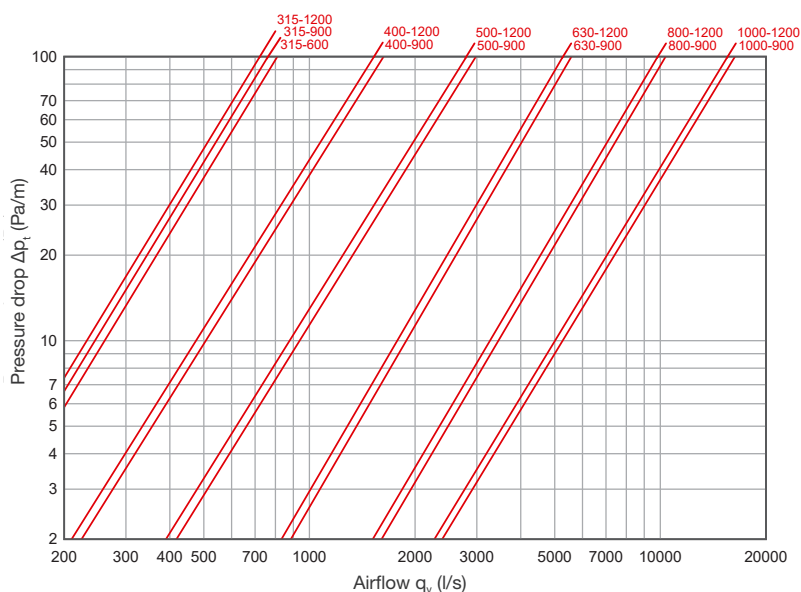


Sound attenuation and dimensions

NRFB 100 (absorption material mineral wool)

Nominal size Ød mm	L, mm	Ød ₁ ,mm	Sound attenuation (dB)								Weight, kg
			Mean frequency of octave band (Hz)								
			63	125	250	500	1000	2000	4000	8000	
315	600	515	3	7	11	18	24	33	23	16	25,5
315	900	515	4	8	16	26	34	43	30	20	37,3
315	1200	515	7	12	23	34	42	52	35	23	48,1
400	900	600	4	8	13	21	30	34	22	15	45,2
400	1200	600	5	11	19	28	37	42	26	18	57,9
500	900	225	3	6	11	18	27	25	16	13	53,1
500	1200	700	4	8	15	23	33	32	20	15	70,1
630	900	830	2	5	9	15	23	18	13	10	66,0
630	1200	830	3	7	12	19	28	21	15	12	83,6
800	900	1000	1	3	7	15	23	17	10	7	84,6
800	1200	1000	2	5	9	14	21	17	11	9	107,8
1000	1200	1200	1	3	7	12	17	13	6	3	92
1000	1500	1200	1	3	9	15	22	16	8	4	113

Technical data



Product codes

NRFB 100 - ZM - d - L

Marking

Material

(-) – galvanized steel (Z275)

ZM – zinc-magnesium coated steel (ZM310)

Diameter d

Lenght L

Example: NRFB 100 315-900

NTF-T Silencer

NTF-T rectangular silencer with round duct connections and without perforated sheet inside. Suitable for general ventilation system silencer, especially in situations where the silencer dimensions should be smaller and the absorption values should be good.

Advantages:

- Silencer's dimensions are minimized while maintaining excellent noise reduction characteristics
- Low pressure drop due to streamlined geometry
- Insulation material is resistant to cleaning (nylon brush)
- Insulation material coating does not absorb moisture
- Density class C

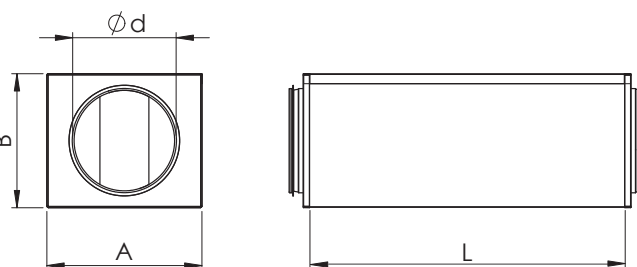


Design and Dimensions

NTF-T silencers outer shell is made of galvanized sheet steel. Connections are with rubber gaskets. Sound absorption duct element with good attenuation characteristics is made from mineral wool (Cleantec coated).

Silencers with Ø 400-600 includes also separate absorption element.

Standard lengths 300, 600 and 1000 mm.



Sound attenuation

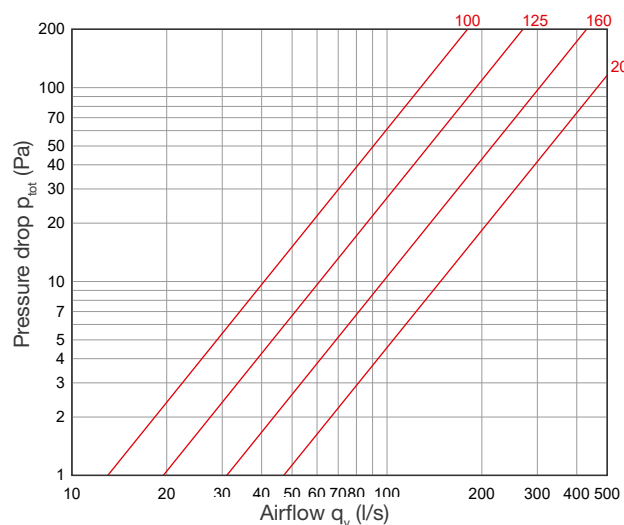
Sound attenuation is specified to ISO 7235, i.e. static integral attenuation for duct products.

NTF-T (absorption material mineral wool)

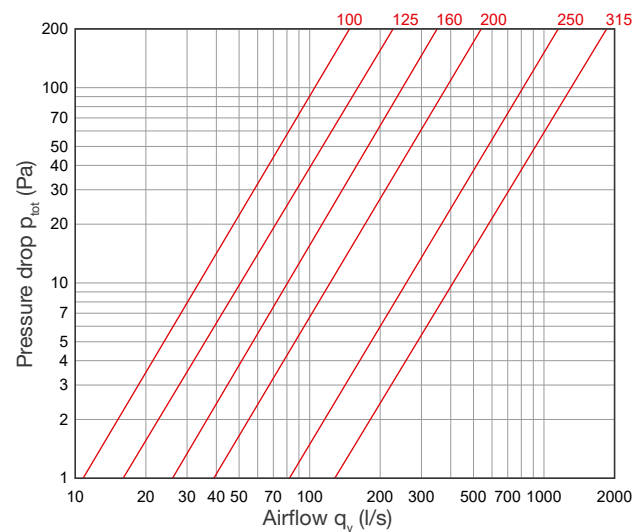
Nominal size Ød mm	L, mm	A, mm	B, mm	Sound attenuation (dB)								Weight, kg
				Mean frequency of octave band (Hz)								
				63	125	250	500	1000	2000	4000	8000	
100	300	210	155	7	8	11	20	22	20	20	15	3,0
100	600	210	155	9	16	19	32	41	43	40	26	4,7
100	1000	210	155	7	28	28	50	50	51	51	45	6,9
125	300	225	180	3	11	8	16	17	16	15	11	3,4
125	600	225	180	6	17	14	31	35	39	34	23	5,3
125	1000	225	180	6	24	20	49	50	50	47	31	7,8
160	300	280	215	3	5	8	13	13	16	15	11	4,4
160	600	280	215	6	9	15	23	28	31	26	19	6,8
160	1000	280	215	8	15	20	42	41	50	43	30	10,0
200	300	295	255	3	4	7	11	12	15	11	9	5,0
200	600	295	255	5	10	15	20	24	26	21	15	7,7
200	1000	295	255	7	16	25	40	48	49	40	27	11,3
250	600	325	305	7	7	13	17	22	22	17	12	9,1
250	1000	325	305	10	13	22	32	40	39	29	21	13,3
315	600	365	370	3	6	10	13	17	15	14	12	10,8
315	1000	365	370	6	9	16	22	28	25	21	17	15,8
400	600	510	455	6	8	10	14	23	30	24	16	17,5
400	1000	510	455	7	14	17	24	38	44	41	27	25,5
500	600	560	555	1	9	11	20	26	26	21	16	21,6
500	1000	560	555	4	12	20	30	40	40	34	25	31,6
630	600	720	685	8	9	13	19	23	25	19	16	30,4
630	1000	720	685	13	15	21	33	39	38	32	25	45,1

Pressure drop for dimensions 100-315

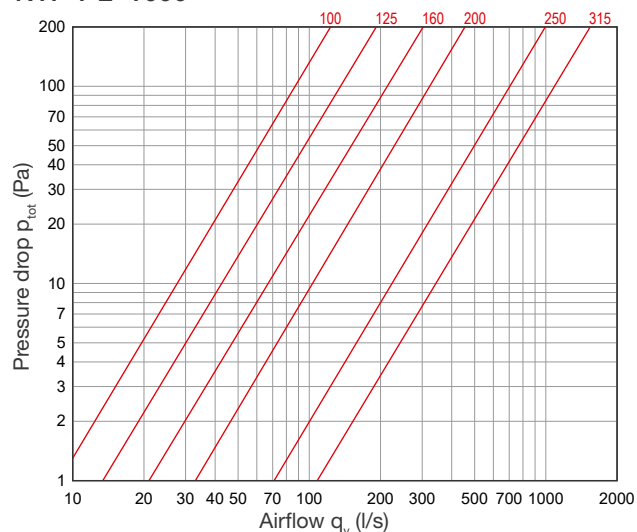
NTF-T L=300



NTF-T L=600

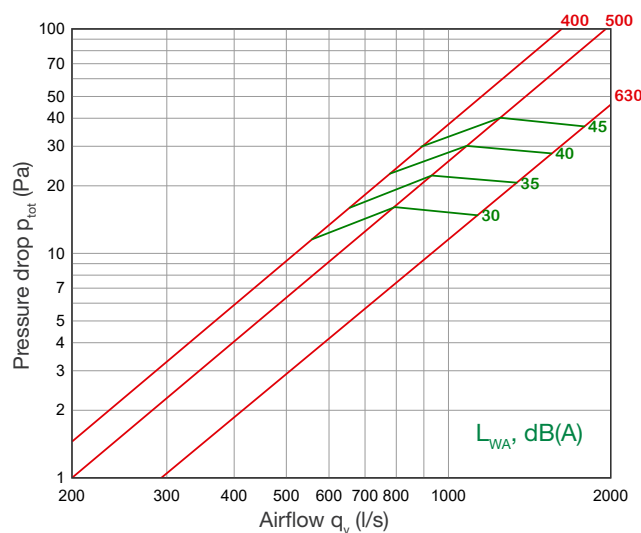


NTF-T L=1000

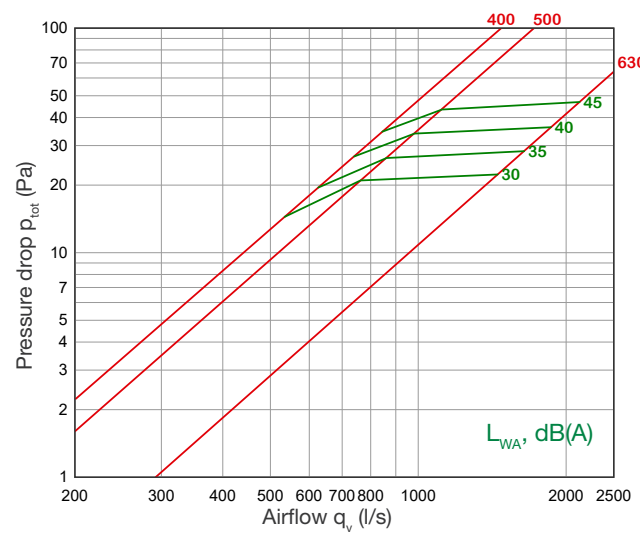


Pressure drop for dimensions 400-600

NTF-T L=600



NTF-T L=1000



$$L_{w,okt} = L_{WA} + K_{okt}$$

NTF-T	Sound level correction factor K_{okt} (dB)							
	63	125	250	500	1k	2k	4k	8k
NTF-T 400-600	17	7	-1	-4	-5	-9	-15	-21
NTF-T 400-1000	14	5	0	-4	-5	-8	-15	-22
NTF-T 500-600	7	5	0	-3	-5	-8	-14	-21
NTF-T 500-1000	8	5	1	-3	-5	-9	-15	-22
NTF-T 600-600	10	4	-3	-4	-4	-7	-15	-20
NTF-T 600-1000	8	3	-4	-4	-5	-6	-14	-22

Product code

	NTF-T	-	ZM	-	d	-	L
Marking	_____		_____		_____		_____
Material	_____						
	(-) – galvanized steel (Z275) ZM – zinc-magnesium coated steel (ZM310)						
Diameter d	_____						
Lenght	_____						

Example: NTF-T 160-600

KRTS-4-T Shut-off and regulating damper

Dampers for shut-off and regulating of air flow in round smoke duct systems.

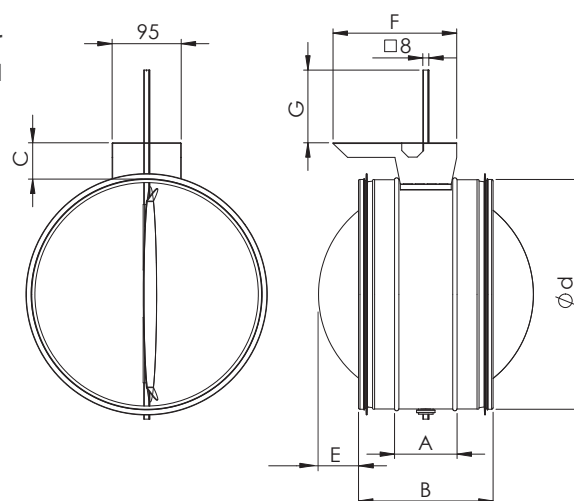
KRTS-4-T sealed version. Casing tightness class C and shut-off tightness class 4 (standard EVS-EN 1751:2014).



Structure and dimensions

Manufactured of galvanized steel. Equipped with rubber gaskets. Can also be manufactured of zinc-magnesium coated steel (ZM310).

For manual regulation, there is a handle installed.

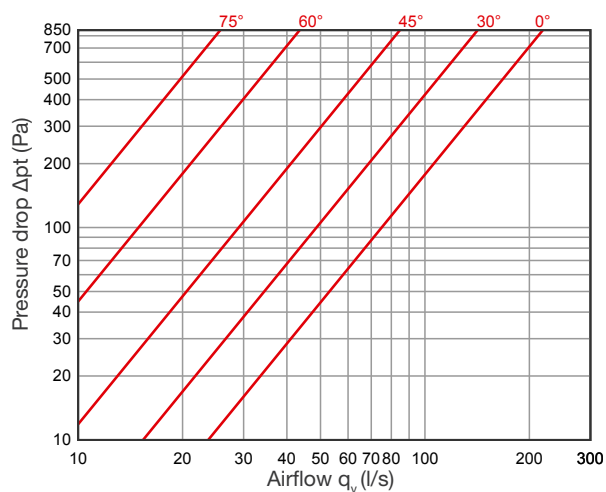


Size	A	B	C	E	F	G	Min torque	Weight, kg
100	95	155	30	-	170	100	2	0,6
125	95	155	38	-	170	100	2	0,7
160	95	155	45	-	170	100	2	0,9
200	95	155	30	15	170	116	2	1,1
250	117	215	36	10	170	113	4	1,6
315	117	215	40	43	170	110	4	2,1
400	117	215	43	85	170	109	4	3,2
500	125	255	46	115	255	108	10	4,7
630	125	255	48	180	225	107	10	6,3

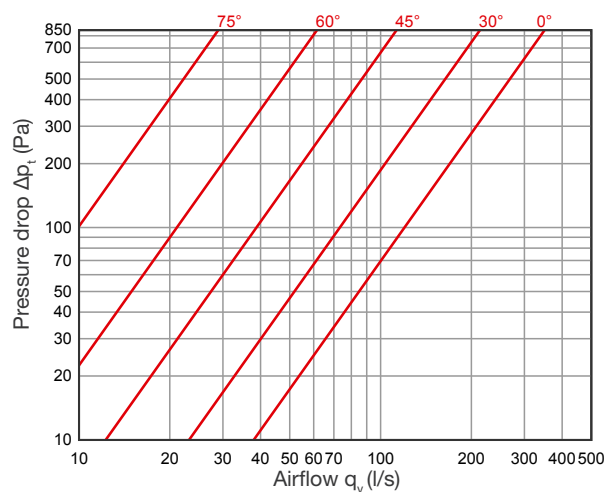
Technical data

KRTS-4-T, shut-off tightness class 4

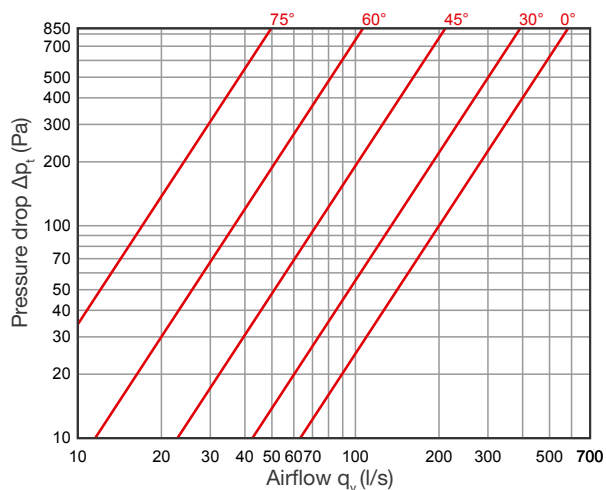
KRTS-4-T 100



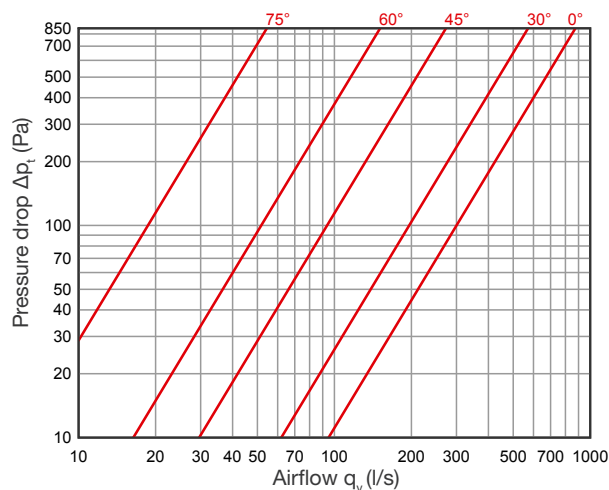
KRTS-4-T 125



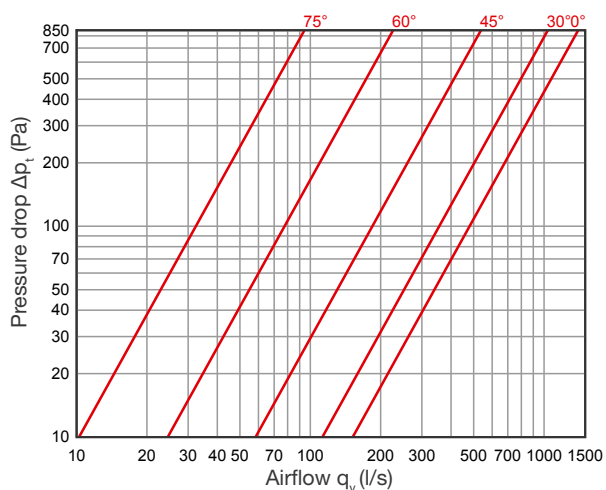
KRTS-4-T 160



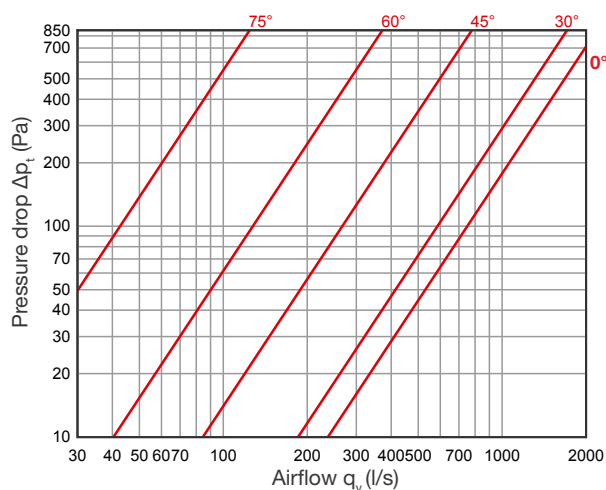
KRTS-4-T 200



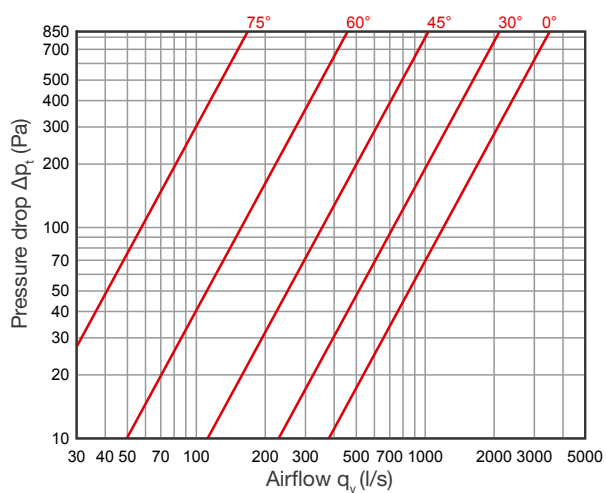
KRTS-4-T 250



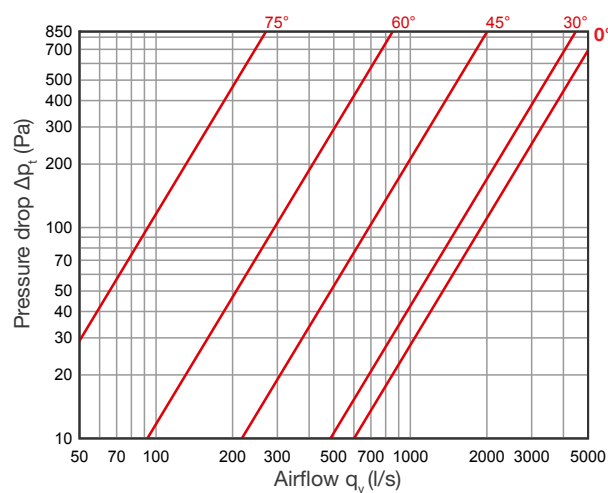
KRTS-4-T 315



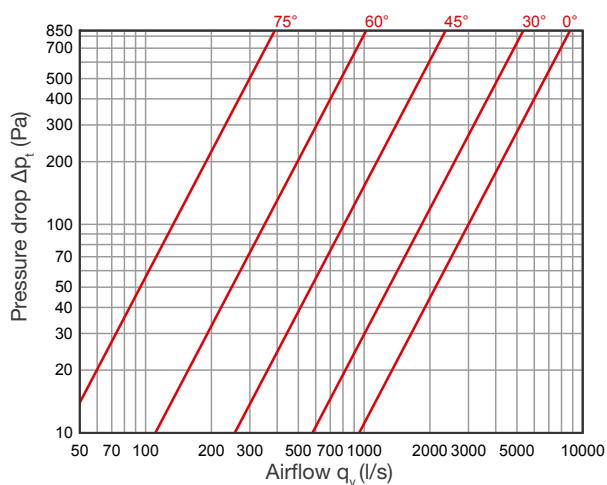
KRTS-4-T 400



KRTS-4-T 500



KRTS-4-T 630



Product code

KRTS-4-T - ZM - d
 Marking _____
 Material _____
 (-) – galvanized steel (Z275)
 ZM – zinc-magnesium coated steel (ZM310)
 Diameter d _____

Example: KRTS-4-T 315

KRI-T Damper with flow meter

KRI-T is an iris-type damper for measuring and regulating air flow.

Air flow measuring and regulating is done easily by using measuring nozzles and turning the regulating bolt, which turns the blades. See: Measuring and regulating air flows.

By opening the blades a full access to the system is provided for cleaning.

Tightness class EN 1751, class C.

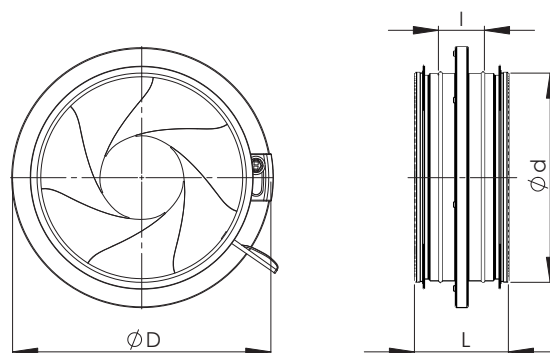
Structure and dimensions

The damper and blades are manufactured of galvanized steel. Regulating bolt, regulating graph and measuring nozzles are made of plastic.

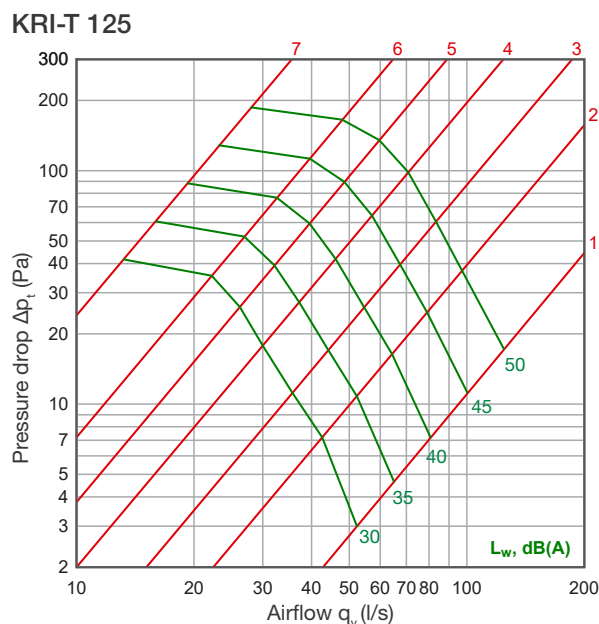
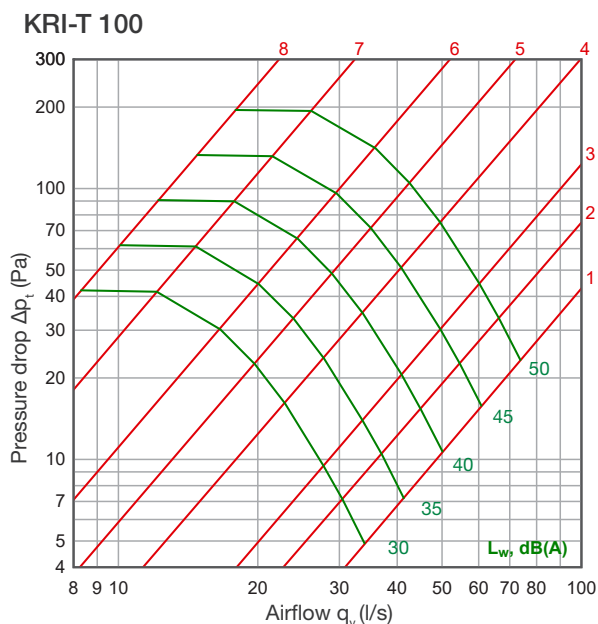
Duct connections with rubber gaskets. Measuring nozzles on both sides of the blades.



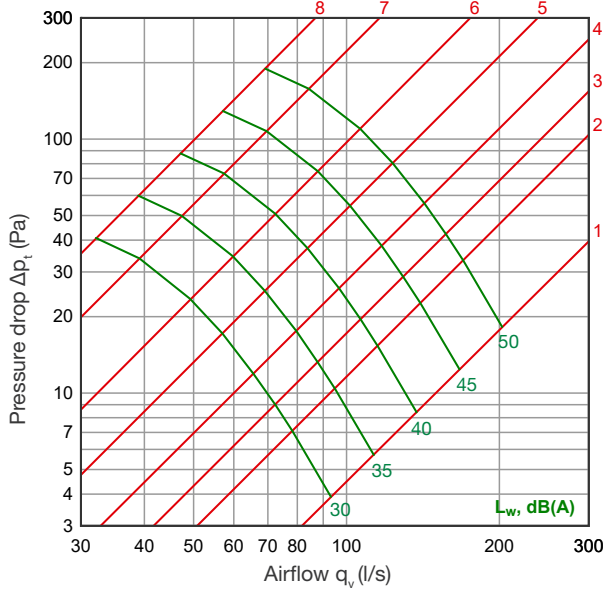
Nominal size, Ød mm	ØD mm	l mm	L mm	Weight, kg
KRI-T 100	160	58	198	0,8
KRI-T 125	185	58	198	1,0
KRI-T 160	225	60	200	1,4
KRI-T 200	280	70	210	1,8
KRI-T 250	330	63	285	2,7
KRI-T 315	405	63	287	3,5
KRI-T 400	525	44	274	8,1
KRI-T 500	655	55	325	12,1
KRI-T 630	815	55	325	18,7
KRI-T 800	1015	70	270	28,0



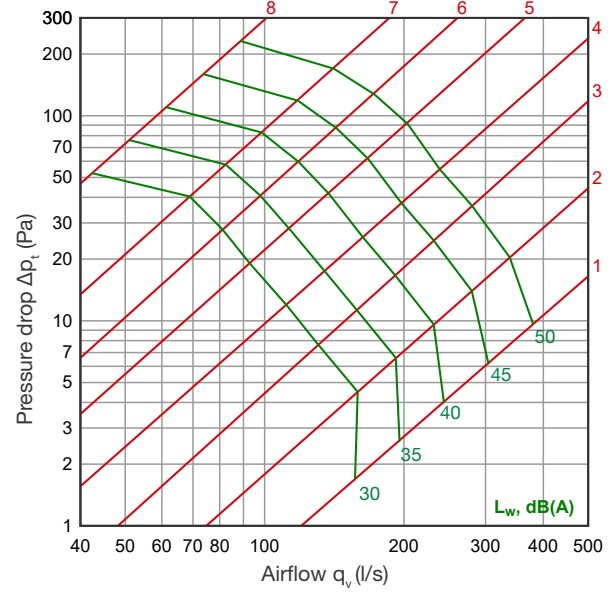
Technical data



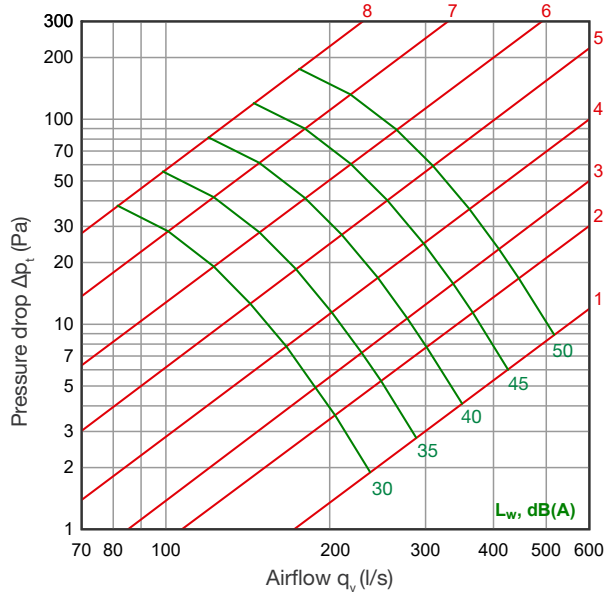
KRI-T 160



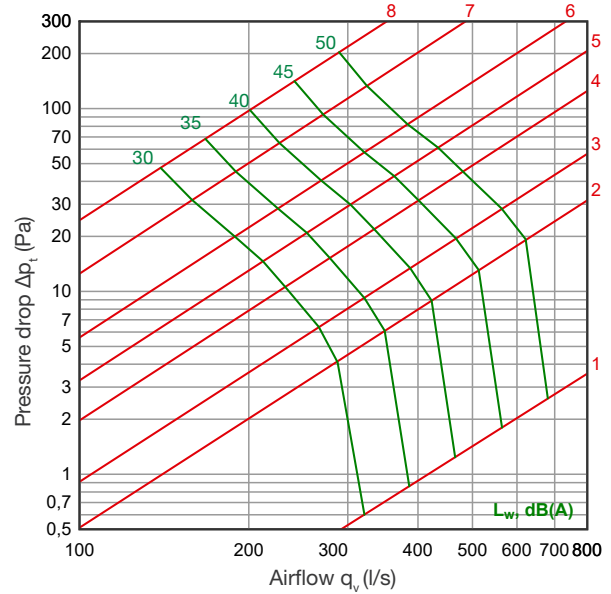
KRI-T 200



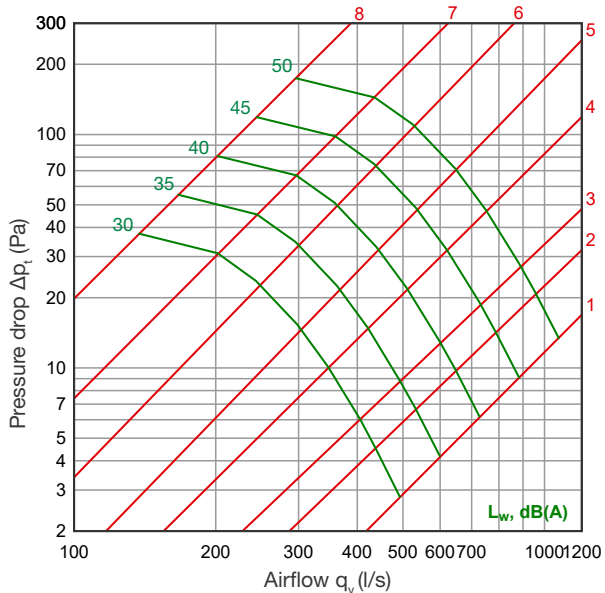
KRI-T 250



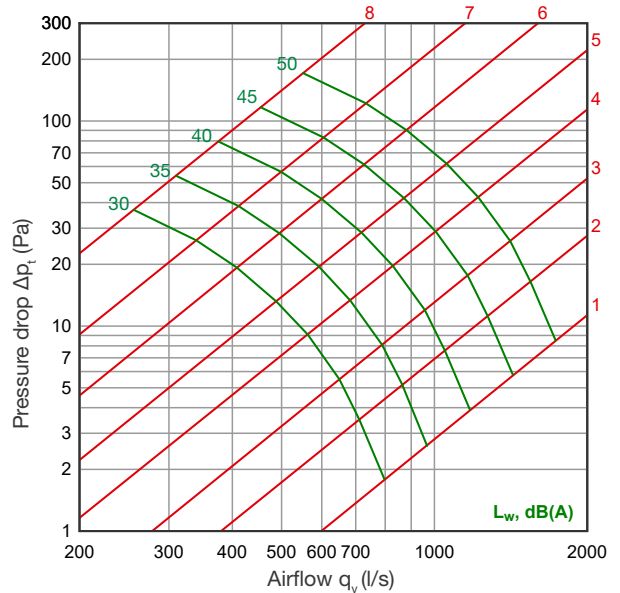
KRI-T 315

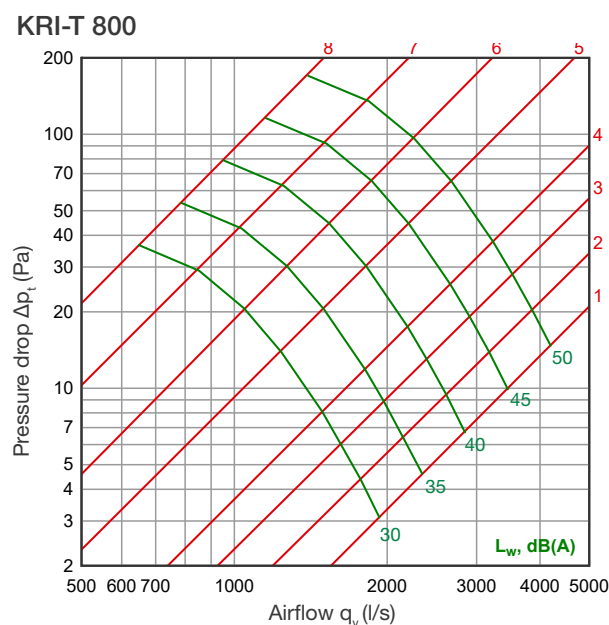
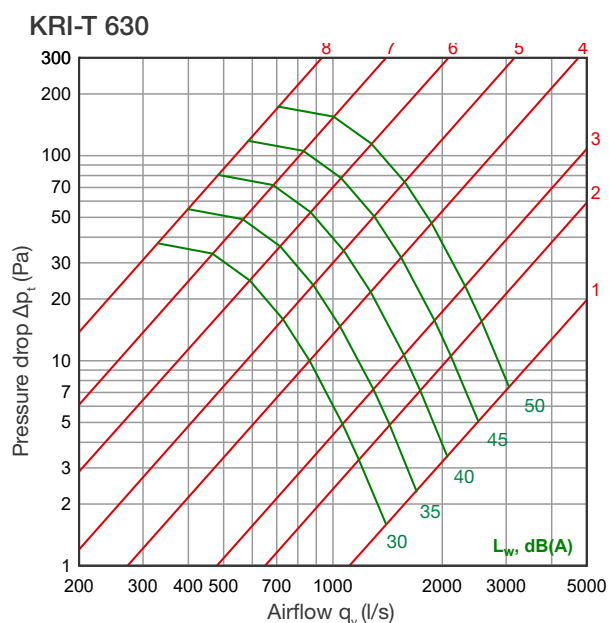


KRI-T 400



KRI-T 500





Sound power level L_w

	Correction of sound level K_{okt} [dB]							
	63	125	250	500	1000	2000	4000	8000
KRI-T 100	8	7	4	-3	-8	-15	-18	-25
KRI-T 125	9	7	3	-3	-8	-13	-18	-24
KRI-T 160	11	9	4	-3	-9	-12	-18	-25
KRI-T 200	14	9	3	-3	-9	-11	-18	-25
KRI-T 250	16	10	2	-4	-8	-12	-21	-26
KRI-T 315	19	10	2	-5	-7	-14	-23	-26
KRI-T 400	19	8	2	-3	-8	-15	-22	-26
KRI-T 500	19	6	3	-2	-9	-15	-20	-25
KRI-T 630	20	8	2	-3	-9	-15	-20	-26
KRI-T 800	21	9	2	-4	-10	-15	-20	-27
Tolerance $\pm$	4	4	4	4	4	4	4	4

The sound power levels of the duct for every octave band are obtained by adding the corrections K_{okt} of octave bands (see table above) to the total sound pressure level L_{p10A} , dB(A), according to the following formula:

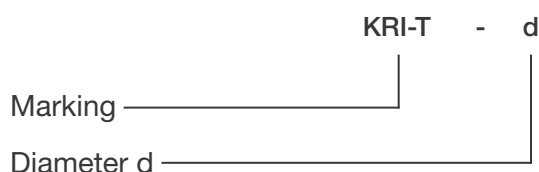
$$L_{Wokt} = L_{p10A} + K_{okt}$$

Correction K_{okt} is the average in the range of use of the regulation and measuring device.

Data for smoke restriction

KRI-T-100 and KRI-T-125 meet the requirements of RakMK E7:2004 for dampers (42 dm³/s, 100 Pa), when KRI-T-100 regulation value $\geq 6,0$ and KRI-T-125 regulation value $\geq 5,5$.

Product code



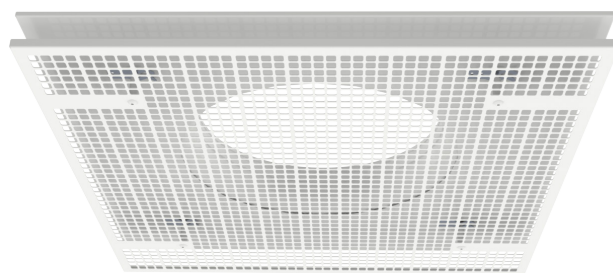
Example: KRI-T 100

DKS-T Ceiling diffuser

DKS-T is a rectangular ceiling diffuser for duct connections Ø 100-400 mm.

Exhaust air diffuser - air is removed from the room through the side slots and perforated front panel.

Diffuser front plate is easily removable, making the cleaning process more comfortable and less time consuming.



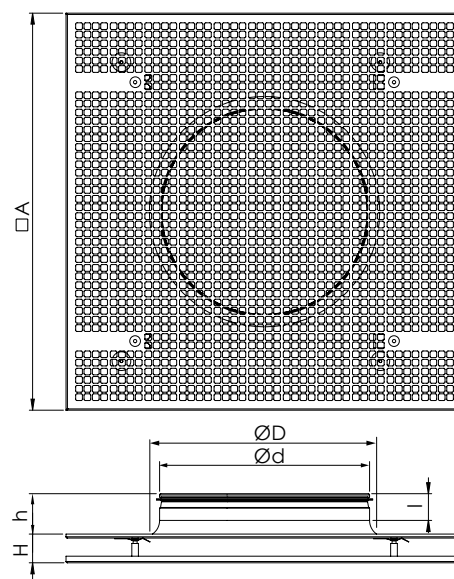
Features:

- Low noise level
- Removable front plate makes cleaning easy

Structure and dimensions

Manufactured of galvanized steel and coated white (RAL 9003). Round duct connection with rubber gasket.

Nominal size, d mm	A	H	ØD	h	l
100	300	45	130	45	40
125	350	45	170	50	40
160	350	45	210	55	40
200	450	45	250	55	40
250	450	45	300	55	40
315	595	45	365	55	40
400	595	45	450	90	75



Product code

DKS-T - ZM - d - RAL 7000

Product _____

Material _____
 Standard material galvanized steel+paint
 ZM - zinc-magnesium coated steel (ZM310)

Diameter d _____

RAL colour _____
 RAL colour: if other than standard colour. Standard colour white RAL 9003

Example: DKS-T 200

Installation accessories

Sealing materials

Firestop silicone



Firestop tape, 15x4 mm



Mounting components

Threaded rod, 2 m

M8
M10



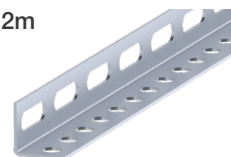
KOLI supported cantilever

L=300
L=400
L=600
L=800
L=1000
L=1200



Mounting rail, L-profile

30x30x2, L=2m



Mounting rail, U-profile

30x30x2



TK Clamp

Ø100-1000 mm



TK M8 Clamp

Ø100-400 mm





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*Let's move the air **together!***

