

Circular straight silencers

TYLA



Description

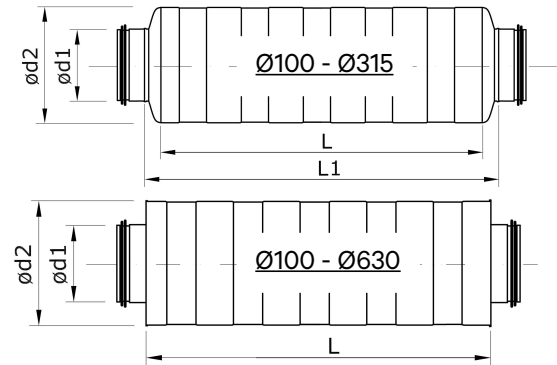
TYLA is a circular straight silencer with possible connection diameters of 100-630 mm. The nominal thickness of the damping material is 50 mm with additional vibro-insulating material inside. The silencer is made of mineral wool, which is protected against direct air contact with polyester material to prevent mineral wool fibers from entering the duct. The outer casing is made of corrugated steel sheet, which allows the silencer to be mechanically cleaned without fear of damage. Depending on the connection diameter, silencers are produced in two designs (see drawing). The products can be made of: galvanized steel sheet - corrosion class C3-L / C2-M; sheet with aluminum zinc coating - corrosion class C4-M / C3-H; stainless steel sheet AISI 304 (1.4301) or AISI 316L (1.4404) - corrosion class C5. Silencer is made with double seal gasket EPDM with self-slip material inside. Tightness class C according to LST EN 1506 and LST EN 12237. The silencer can be used at temperatures from -45 to +85 °C. The maximum permissible absolute humidity inside the air stream and outside is 18 g/kg. Sound characteristics tested according LST EN ISO 7235. For other dimensions and materials please contact UAB "MK Technika" sales offices.

Ordering code

TYLA160L900

Product	
Diameter d_1 , mm	
Length L/L1*, mm	

Dimensions



$\varnothing d_1$ [mm]	L [mm]	L_1 [mm]	Insertion loss, [dB]								$\varnothing d_2$ [mm]	Mass [kg]
			63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		
100	600	710	1	10	14	22	39	42	36	21	202	2,7
	900	1010	4	16	20	31	50	50	42	24	202	3,9
	1200	1310	3	12	22	41	50	50	50	31	202	5,1
125	600	710	1	9	12	18	35	34	29	18	227	3,3
	900	1010	3	12	16	20	46	46	41	22	227	4,8
	1200	1310	3	10	18	36	50	50	45	28	227	6,4
160	600	710	1	8	11	15	33	27	21	14	262	4,2
	900	1010	3	10	15	20	39	31	30	17	262	5,8
	1200	1310	2	9	16	31	48	45	33	21	262	7,9
200	600	710	1	9	8	11	23	19	17	12	302	4,9
	900	1010	2	9	12	18	36	28	23	16	302	6,5
	1200	1310	2	8	15	25	45	35	25	17	302	8,5
250	600	710	1	4	6	10	21	16	13	11	352	5,7
	900	1010	1	8	10	16	31	22	17	13	352	7,9
	1200	1310	2	7	13	22	40	27	22	15	352	10
315	600	710	0	4	5	9	19	11	11	9	417	6,4
	900	1010	1	7	9	15	25	17	12	11	417	9,5
	1200	1310	2	5	10	18	32	21	18	13	417	12
355	600	-	0	4	4	8	15	10	9	7	457	8,4
	900	-	0	7	8	13	24	14	10	9	457	13
	1200	-	1	5	9	16	27	18	17	11	457	16
400	600	-	0	4	4	8	12	8	7	6	502	11
	900	-	0	6	6	12	22	10	9	8	502	16
	1200	-	1	4	8	14	21	14	15	9	502	21
450	600	-	0	4	4	8	11	7	6	4	552	12
	900	-	0	5	6	11	20	9	8	6	552	17
	1200	-	1	4	7	13	20	13	14	9	552	23
500	600	-	0	3	4	7	10	7	6	3	602	13
	900	-	0	4	5	11	18	8	6	4	602	18
	1200	-	1	3	6	12	17	12	12	7	602	25
560	600	-	0	3	4	6	10	6	4	3	662	16
	900	-	0	4	5	9	15	7	5	2	662	23
	1200	-	1	3	5	11	15	11	10	6	662	31
630	600	-	0	2	3	5	9	5	2	2	732	18
	900	-	0	3	3	5	11	6	4	2	732	25
	1200	-	0	2	4	6	12	9	8	5	732	35

Sample: TYLA160L900 – circular straight silencer, diameter 160 mm, length 900 mm. *Dimension L1 is written only when choosing a rounded construction.



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Technical data

