

Circular straight silencer with baffle

TYLA-P



Description

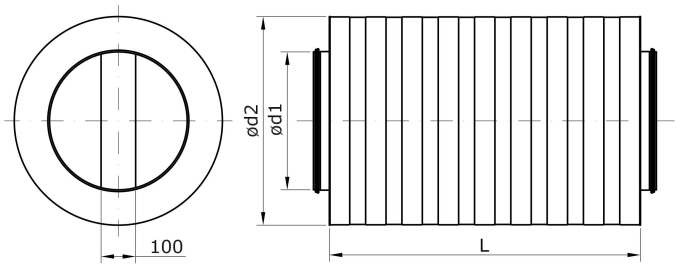
TYLA-P is a circular straight silencer with baffle inside with possible connection dimensions of 400-1250 mm. The nominal thickness of the damping material is 100 mm with additional vibro-insulating material inside. The silencer is made of mineral wool, which is protected against direct air contact with polyester material to prevent mineral wool fibres 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. The products can be made of: galvanized steel sheet - corrosion class C3-L / C2-M; sheet with aluminium 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 "MKTechnika" sales offices.

Ordering code

Product	TYLA-P500L900
Diameter d_1 , mm	
Length L, mm	

Sample: TYLA-P500L900 – circular straight silencer, diameter 500 mm with baffle inside, length 900 mm.

Dimensions



		Insertion loss, dB for centre frequency									
$\varnothing d_1$ [mm]	L [mm]	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	$\varnothing d_2$ [mm]	Mass [kg]
400	900	2	6	15	27	34	26	16	13	602	25
	1200	3	7	19	34	42	31	23	15	602	32
500	900	2	5	14	22	26	18	14	10	702	27
	1200	3	6	17	29	33	25	19	12	702	35
630	900	0	6	9	16	19	13	10	8	832	36
	1200	1	5	13	24	25	19	15	9	832	48
710	900	0	4	8	14	16	11	9	6	912	44
	1200	0	5	12	20	21	15	12	7	912	51
800	900	0	4	7	13	15	10	6	5	1002	47
	1200	0	5	11	19	18	13	11	6	1002	58
900	900	0	3	6	12	13	9	7	5	1102	50
	1200	0	4	10	18	15	12	10	6	1102	67
1000	900	0	3	6	11	12	8	5	4	1202	55
	1200	0	4	9	16	12	10	8	5	1202	70
1250	900	0	2	5	10	11	6	5	3	1452	76
	1200	0	3	8	13	10	7	6	5	1452	97

Technical data

