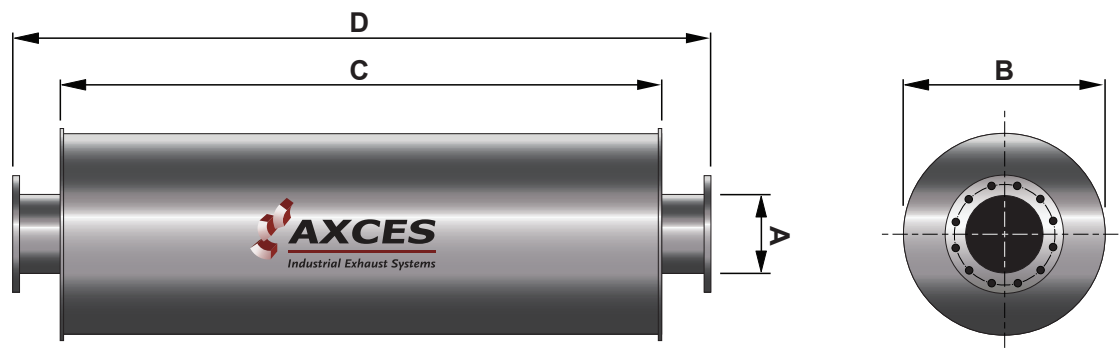


EXHAUST SILENCERS

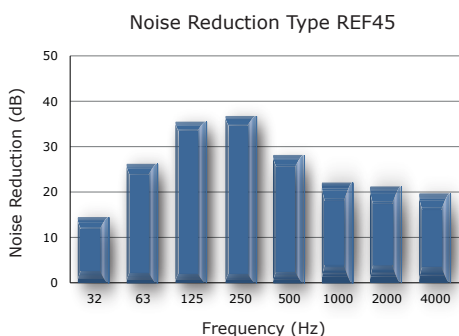
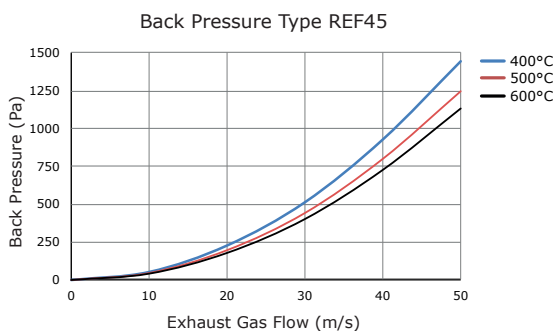


Type REF45

Damping level 30 dB(A) without integrated Spark Arrestor



Article. No	A (inch)	NB (mm)	Pipe (mm)	B (mm)	C (mm)	D (mm)	Weight (mass)
150400000015	1.5"	40	48.3	260	750	900	17 kg
150400000020	2"	50	60.3	310	850	1000	25 kg
150400000025	2.5"	60	76.1	360	850	1000	30 kg
150400000030	3"	80	88.9	400	1250	1500	48 kg
150400000040	4"	100	114.3	475	1500	1750	100 kg
150400000050	5"	125	139.7	475	1750	2000	135 kg
150400000060	6"	150	168.3	560	2250	2500	180 kg
150400000080	8"	200	219.1	660	2250	2500	210 kg
150400000100	10"	250	273.0	860	2750	3000	380 kg
150400000120	12"	300	323.9	910	3000	3250	410 kg
150400000140	14"	350	355.6	960	3500	3750	560 kg
150400000160	16"	400	406.4	1060	4000	4250	750 kg
150400000180	18"	450	457.2	1210	4500	4750	1100 kg
150400000200	20"	500	508.0	1300	5000	5250	1400 kg



Damping Of The Noise Level +/- 30 dB(A)

Damping Basics of the silencers type REF45 are according the reflection principal

Spark Arrestor The silencers type REF45 are excluding an integrated Spark Arrestor

Mounting The silencers type REF45 can be installed both horizontal and vertical

Exhaust Gas Speed Advised Exhaust Gas Speed between 20-50 m/s

Material Silencers type REF45 are produced out of Steel 37-2 (S235JRG2)

Temperature Maximum allowable temperature is 600 °C

Custom Made Axces silencers are also manufactured based on specific dimensions or client's requirements