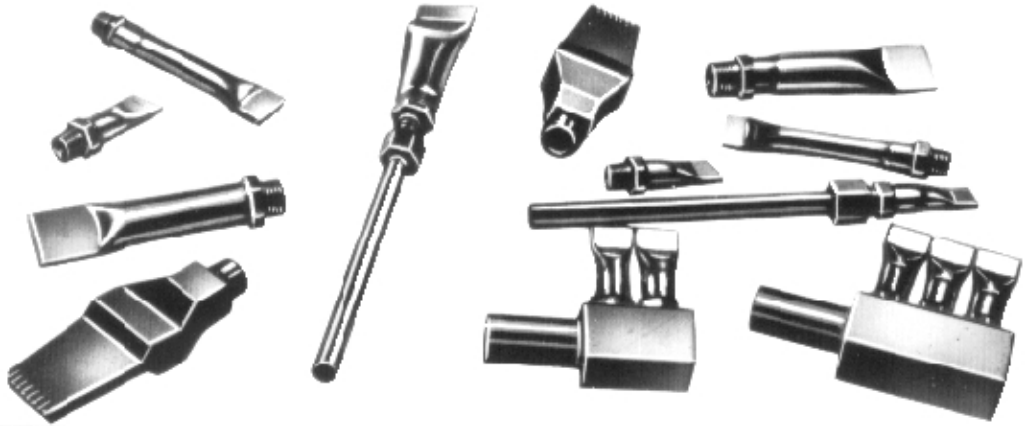


# SILENCED NOZZLES

## MINIMUM CONSUMPTION/ MAXIMUM EFFICIENCY



DRAWING	DESCRIPTION	DIMENSIONS		
		A	B	C
	"SILEN-MET" 3/8"	95	3/8	30
	"SILEN-MET" 1/4"	87	1/4	24
	"SILEN-MET" 1/8"	82	1/8	14
	"SILEN-MET SHORT" 1/8"	47	1/8	14
	"SILEN-PLAST" 1/4"	80	1/4	21
	"EXTENSION ROD 1/4"	130	1/4	8
	"EXTENSION 1/8"	130	1/4	8

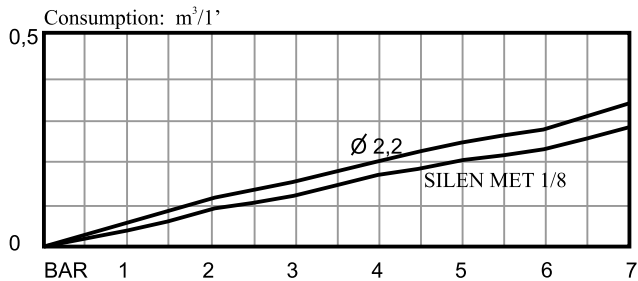
Manifold version with two or more nozzles only upon request.

	TEST CARRIED OUT AT 6 BAR				
	Distance of test object	Surface of test object	Thrust force	Free exhaust noise level with same outlet section of SILEN (silencer)	Exhaust level of SILEN (silencer)
“SILEN-PLAST”	cm 40	cm <sup>2</sup> 80	gr 210	102 dBA	86 dBA
“SILEN-MET” 3/8	cm 40	cm <sup>2</sup> 80	> gr 260	106 dBA	88 dBA
“SILEN-MET” 1/4	cm 40	cm <sup>2</sup> 80	gr 170	> 98 dBA	83 dBA
“SILEN-MET” 1/8	cm 40	cm <sup>2</sup> 80	> gr 70	> 90 dBA	80 dBA

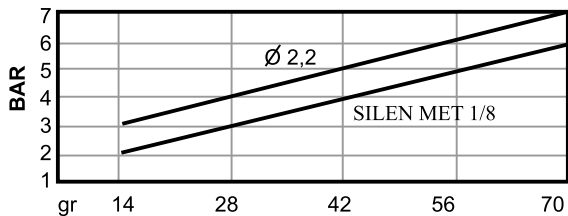
**NOTE**

Charts on next page clearly show the highly positive characteristics offered by the nozzles of Series Silen, namely:  
 Reduced air consumption  
 Greater thrust force due to the facility to direct the jet parallelly.  
 Extremely low noise level  
 Charts facilitate the selection of the nozzle that mostly suits your needs. This results in significant energy savings.

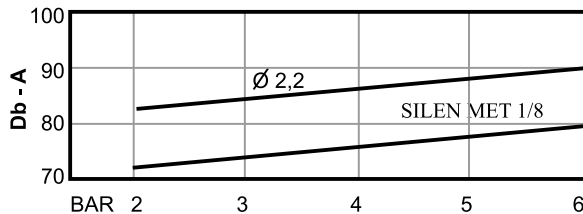
**TECHNICAL DATA**  
**GAMMA SYSTEM "Silen Met, 1/8" nozzle (see charts below)**



**THRUST FORCE**

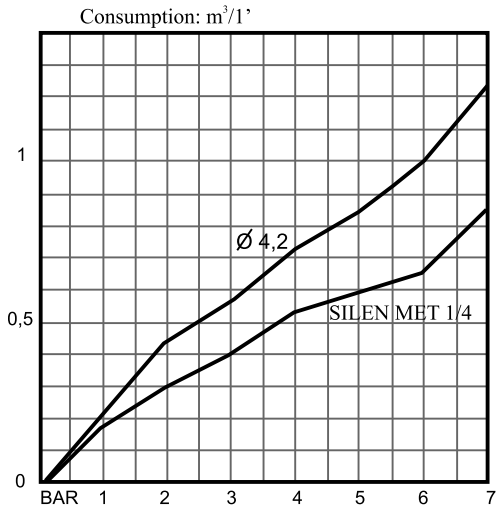


**NOISE LEVEL**

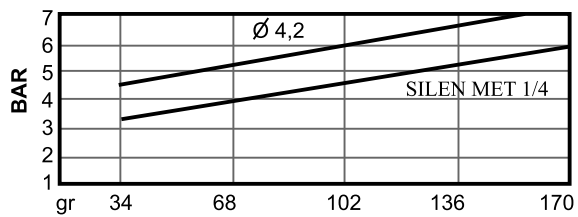


Comparison made with a standard nozzle of section equal to "Silen Met 1/8" type.

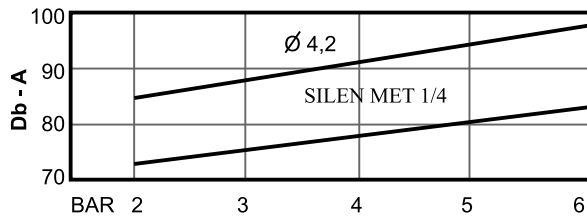
**TECHNICAL DATA**  
**GAMMA SYSTEM "Silen Met, 1/4" nozzle (see charts below)**



**THRUST FORCE**

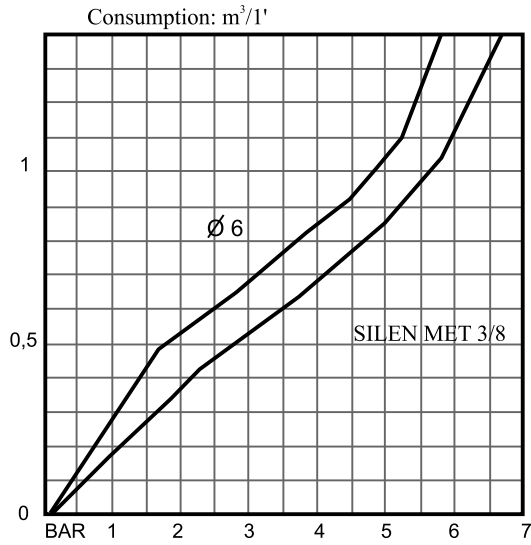


**NOISE LEVEL**

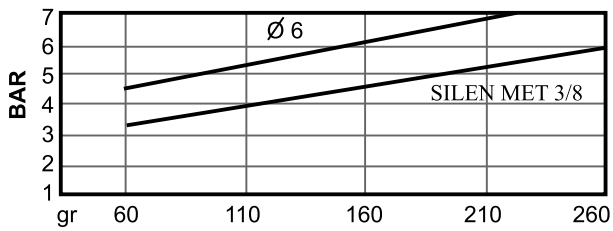


Comparison made with a standard nozzle of section equal to "Silen Met, 1/4" type.

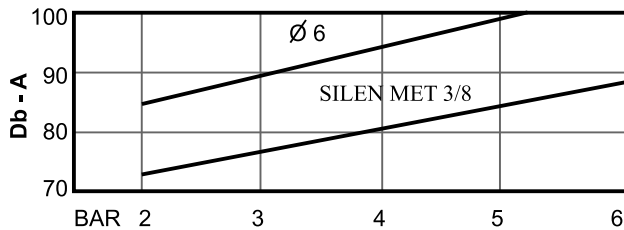
**TECHNICAL DATA**  
**GAMMA SYSTEM "Silen Met, 3/8" nozzle (see charts below)**



**THRUST FORCE**

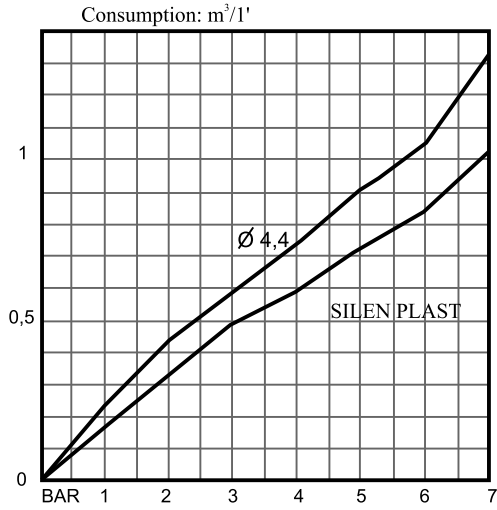


**NOISE LEVEL**

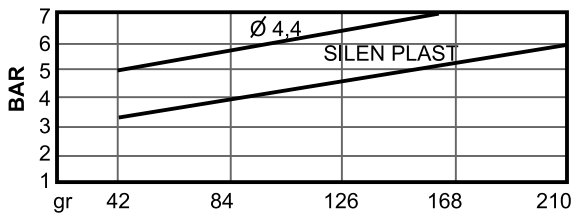


Comparison made with a standard nozzle of section equal to "Silen Met, 3/8" type.

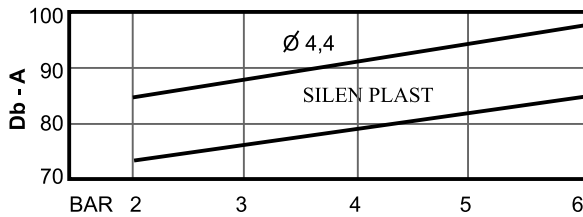
**TECHNICAL DATA**  
**GAMMA SYSTEM "Silen Plast" nozzle (see charts below)**



**THRUST FORCE**



**NOISE LEVEL**



Comparison made with a standard nozzle of section equal to "Silen Plast" type.

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Gamma System reserves the right to modify the characteristics of its products, without any prior notice, in order to improve their operation.