



BRIEF INFORMATION

S70, S77 and S98 disc horn

- New range of classic disc horn from dia. 70 mm up to 98 mm.
- Primarily focused and forward sound emission.
- Good penetration over a great distance in noise traffic.

PRODUCT FEATURES

Application

Horns are a mandatory part of the safety equipment of a vehicle.

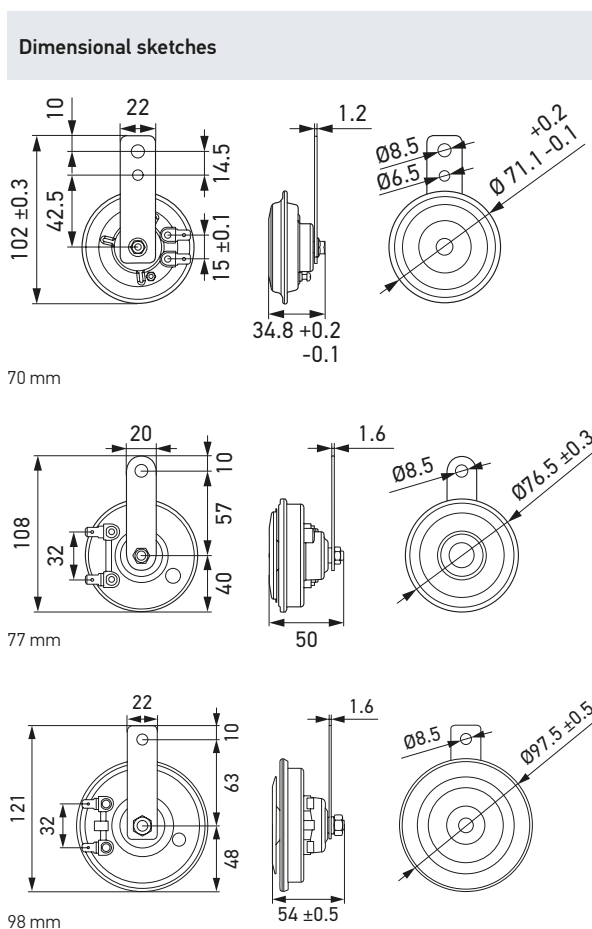
A particularly perceptible sound is necessary in order to be able to warn other road users optimally in dangerous situations. Our signal horns offer you a high level of functional reliability.

Design and function




- The driver presses the "horn" on the steering wheel.
- The signal is sent via a relay, thus activating the electromagnet.
- The diaphragm of the horn is now attracted by the magnet, separating the Minus Pole from the battery so that the magnet loses its power – consequently, the diaphragm back to its rest position. However, this will reconnect the Minus pole, so this process will be repeated as long as the horn is pressed.
- When the horn is pressed, the oscillates vibrations are so fast and produce the loud sound.

TECHNICAL DETAILS

Technical data			
Diameter	70 mm	77 mm	98 mm
Rated voltage	12 V		
Frequency range	380 Hz (low tone)	360 Hz (low tone)	335 Hz (low tone)
	480 Hz* (high tone)	430 Hz (high tone)	400 Hz (high tone)
Sound pressure level @ 2 m	108 ± 3 dB(A)	110 ± 3 dB(A)	115 ± 3 dB(A)
Power consumption	18 W per horn	48 W per horn	54 W per horn
Current Consumption	max. 1.5 A	max. 4.0 A	max. 4.5 A
Operating temperature	-40°C to +75°C		
Protection class	IP65		
Service life	80,000 cycles (ECE-R28)		
Housing material	Metal		
Type approval	–	ECE-R28	



PROGRAM OVERVIEW

Product picture	Description	Part number	Packaging unit
	12 V, 460 Hz*	3AL 012 588-061	1 piece
	12 V, 380 / 480 Hz	3AL 012 588-011	1 set
	12 V, 430 Hz	3AL 012 588-351	1 piece
	12 V, 360 / 430 Hz	3AM 012 588-151	1 set
	12 V, 400 Hz	3AL 012 588-291	1 piece
	12 V, 335 / 400 Hz	3AM 012 588-341	1 set

* Horn frequency in single piece packaging is 460 Hz.