



BRIEF INFORMATION

CA20 Single Tone Air Horn

- Super loud and high-penetrating power tone
- Pneumatic operation for vehicles with a compressed air brake system
- Suitable for tubular fittings Ø 8 mm
- 2 holes for M10 fixing screws

PRODUCT FEATURES

Application

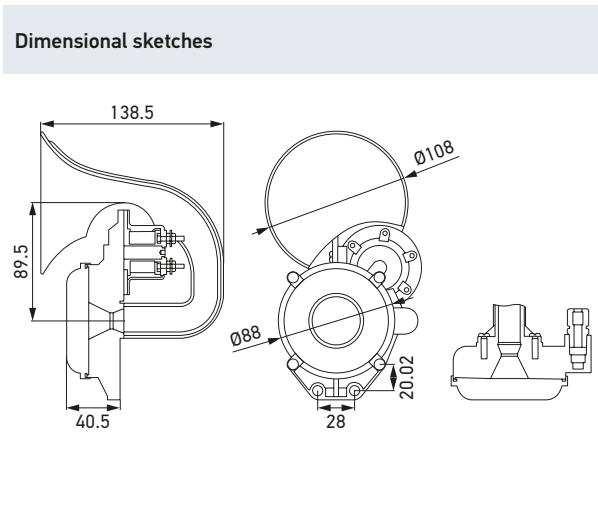
Horns are a mandatory part of the safety equipment of a vehicle. A particularly perceptible sound is necessary in order to be able to warn other road users optimally in dangerous situations. Our signal horns offer you a high level of functional reliability.

Design and function


- The sound is generated in the spiral horn by the vibration of two metal diaphragms set in vibration by the pressurized air produced by the electric compressor.
- The diaphragms that are positioned inside the acoustic chambers press on the sealing lip which forms the inlet of the acoustic duct.
- When a certain pressure is generated inside the acoustic chambers, the diaphragms move away from the lip resulting in passage of air and pressure drop, and then close again on the lip.
- The cyclic repetition of this phenomenon generates the sound waves.

TECHNICAL DETAILS

Technical data	
Short Code	CA20
Rated voltage	12 – 24 V
Frequency range	400 Hz
Sound pressure level @ 2 m	≥ 118 dB(A)
Power consumption	120 W
Compressor included	No
Operating temperature	-40 °C to +75 °C
Protection class	IP 54
Service life	50,000 cycles (ECE-R28)
Housing material	ABS
Type approval	ECE-R28



PROGRAM OVERVIEW

Product picture	Description	Part number	Packaging unit
	12 – 24 V, 400 Hz	3PA 013 410-011	1 piece
	12 – 24 V, 400 Hz, with harness	3PA 013 410-041	1 piece