



BRIEF INFORMATION

CA30 and CA32 Compressed Air Horn

- Wide and far reaching sound
- Chromed finished trumpet
- With flat connections of 6.3 mm, open, blade type
- Horn set includes air compressor and mounting kits (CA30)
- For vehicles with a compressed air brake system (CA32)

PRODUCT FEATURES

Application

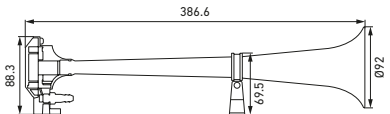
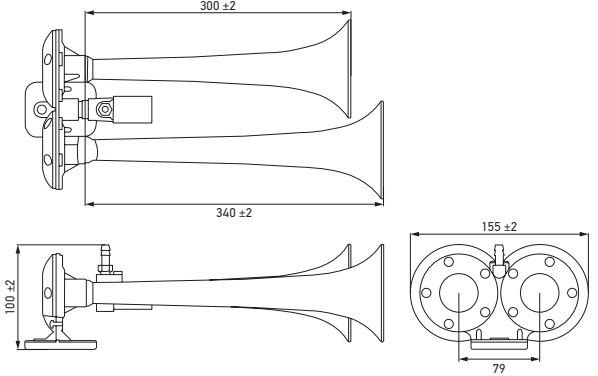
Horns are a mandatory part of the safety equipment of a vehicle. A particularly perceptible sound is necessary in order to be able to warn other road users optimally in dangerous situations. Our signal horns offer you a high level of functional reliability.

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	CA30	CA32
Rated voltage	12 V or 24 V	
Frequency range	370 Hz	370 Hz (low tone) 415 Hz (high tone)
Sound pressure level @ 2 m	≥ 120 dB(A)	
Power consumption	312 W	41 W (12 V) 77 W (24 V)
Compressor included	Yes	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	

Dimensional sketches	
CA30 Chrome Single Tone Air Horn	
	
CA32 Chrome Twin Tone Air Horn	
	

PROGRAM OVERVIEW

Product picture	Description	Part number	Packaging unit
	12 V, 370 Hz	3PA 013 410-001	1 set
	24 V, 370 Hz	3PA 013 410-021	1 set
CA32 Chrome Twin Tone Air Horn For vehicles with a compressed air brake system. Air pressure required: 6 – 8 bar.			
	12 V, 370 / 415 Hz	3PB 013 410-051	1 piece
	24 V, 370 / 415 Hz	3PB 013 410-061	1 piece

ACCESSORIES

Description	Part number
Solenoid valve, 12 V	9XL 715 991-031
Solenoid valve, 24 V	9XL 715 991-041