



## 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

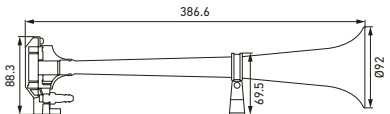
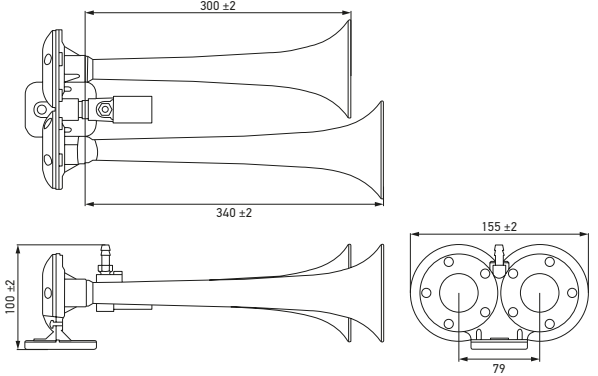
Horns are a mandatory part of the safety equipment of a vehicle. A particularly perceptible sound is necessary in order to be able to warn other road users optimally in dangerous situations. Our signal horns offer you a high level of functional reliability.

#### 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	
<b>CA30 Chrome Single Tone Air Horn</b>	
	
<b>CA32 Chrome Twin Tone Air Horn</b>	
	

# 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
<b>CA32 Chrome Twin Tone Air Horn</b> 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