



You'd like more information?
Please scan the QR code or
click on it straight away.

BRIEF INFORMATION

CA3X series Compressed Air Horns

- Wide and far reaching sound
- Chromed finished trumpet
- With flat connections of 6.3 mm, open, blade type
- For vehicles with a compressed air brake system
- CA34 horn set includes mounting kits

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.

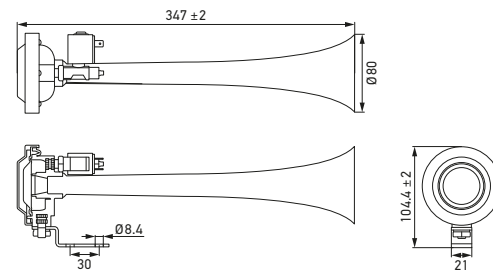
TECHNICAL DETAILS

Technical data

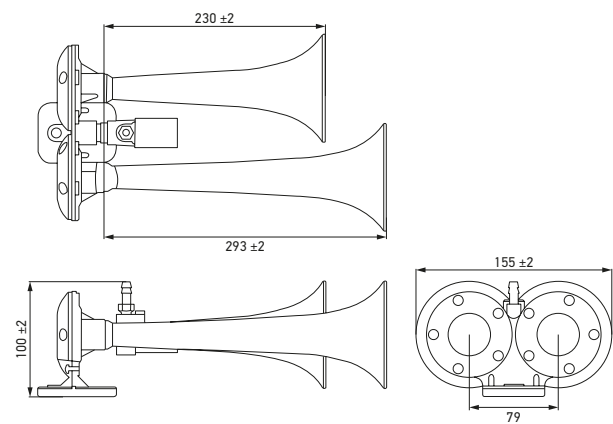
Short Code	CA30	CA32	CA34
Rated voltage	12 V or 24 V	12 V or 24 V	12–24 V
Frequency range	400 Hz	370 / 415 Hz	300 / 350 Hz
Sound pressure level @ 2 m	≥ 120 dB(A)	≥ 120 dB(A)	≥ 122 dB(A)
Power consumption	24 W (12 V) 24 W (24 V)	41 W (12 V) 77 W (24 V)	48 W
Compressor included	No		
Operating temperature	-40 °C to +75 °C		
Protection class	IP 54		
Service life	50,000 cycles (ECE-R28)		
Housing material	ABS		
Type approval	ECE-R28		

Dimensional sketches

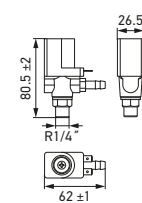
CA30 Chrome Single Tone Air Horn



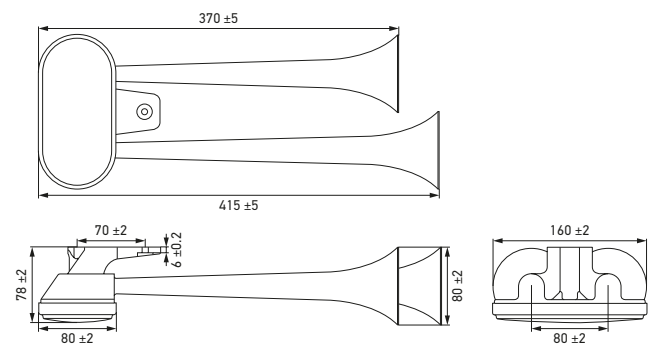
CA32 Chrome Twin Tone Air Horn



Spare part | CM32 Solenoid valve

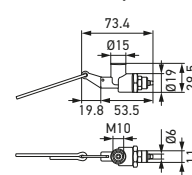


CA34 Chrome Twin Tone Air Horn

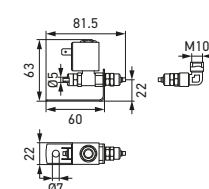


Spare parts





CM34 Hand-operated valve



CM34 Horn switch 24 V



PROGRAM OVERVIEW

Product picture	Description	Part number	Packaging unit
CA30 Chrome Single Tone Air Horn For vehicles with a compressed air brake system. Air pressure required: 6–8 bar.			
	12 V, 400 Hz	3PA 013 410-141	1 piece
	24 V, 400 Hz	3PA 013 410-151	1 piece
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
CA34 Chrome Twin Tone Air Horn For vehicles with a compressed air brake system. Air pressure required: 6–8 bar.			
	12–24 V, 300 / 350 Hz	3PB 005 411-001	1 piece
CA34 Black coated Twin Tone Air Horn For vehicles with a compressed air brake system. Air pressure required: 6–8 bar.			
	12–24 V, 300 / 350 Hz	3PB 013 410-201	1 piece

ACCESSORIES

Description	Part number	Packaging unit
CM32 Replacement spare part for CA32-series		
Solenoid valve 12 V	9XL 715 991-031	1 piece
Solenoid valve 24 V	9XL 715 991-041	1 piece
CM34 Replacement spare part for CA34-series		
Hand-operated valve	9XL 715 989-001	1 piece
Horn switch 24 V	9XL 715 991-001	1 piece