

ZETFON 400/310 DC

General Features

The ZÖLLNER ZETFON is a robust electrically operated whistle which is equally suitable for all types of merchant vessels as well as luxury yachts. The whistle operates on 24 V DC.

Essentials

- full compliance with the Colregs 1972
- type approved by all wellknown international authorities, certicates by the classification societies on request
- application:
 - vessels of 20 m but less than 75 m in length
 - land alarm, i.e. bunker stations, oil refineries, airports, powerplants, factories
- system voltage: 24V DC
- entirely made of best non-corrosion, seawater-resistant materials (no plastic!)

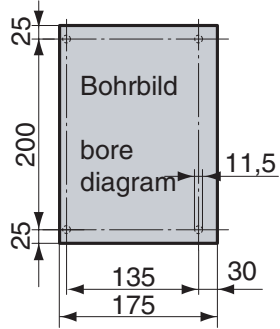
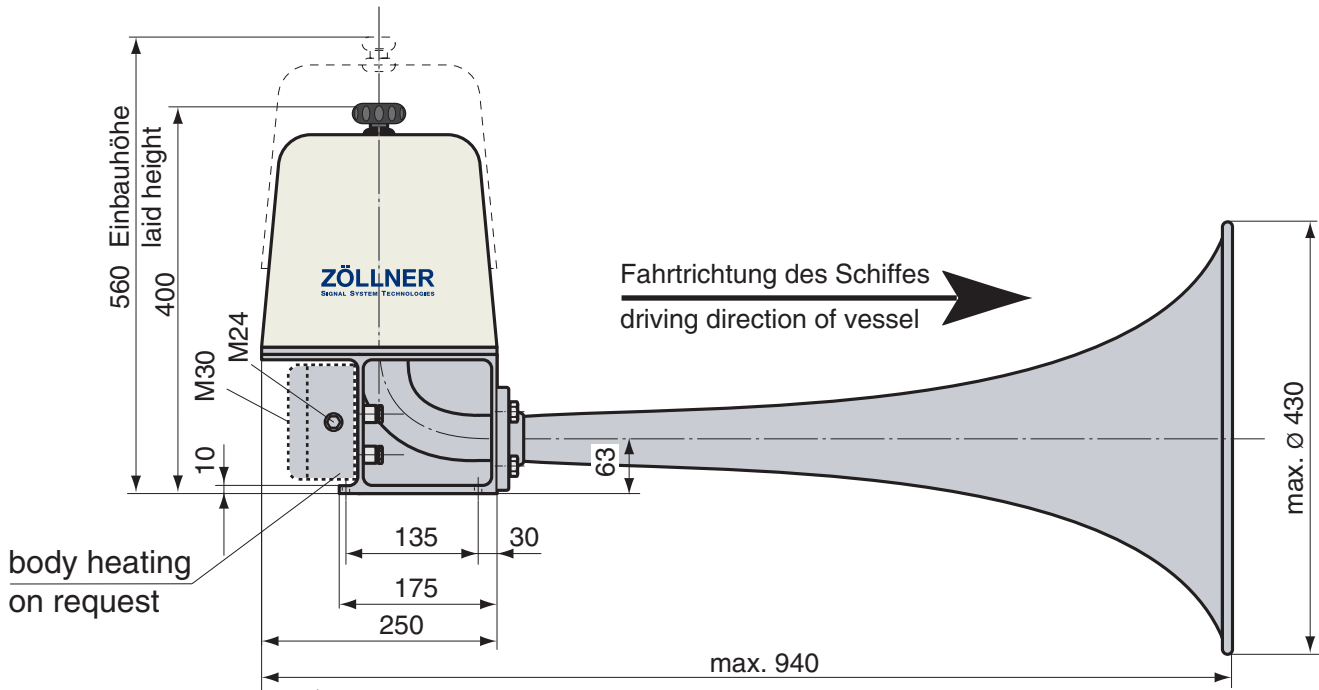


Sound Characteristics

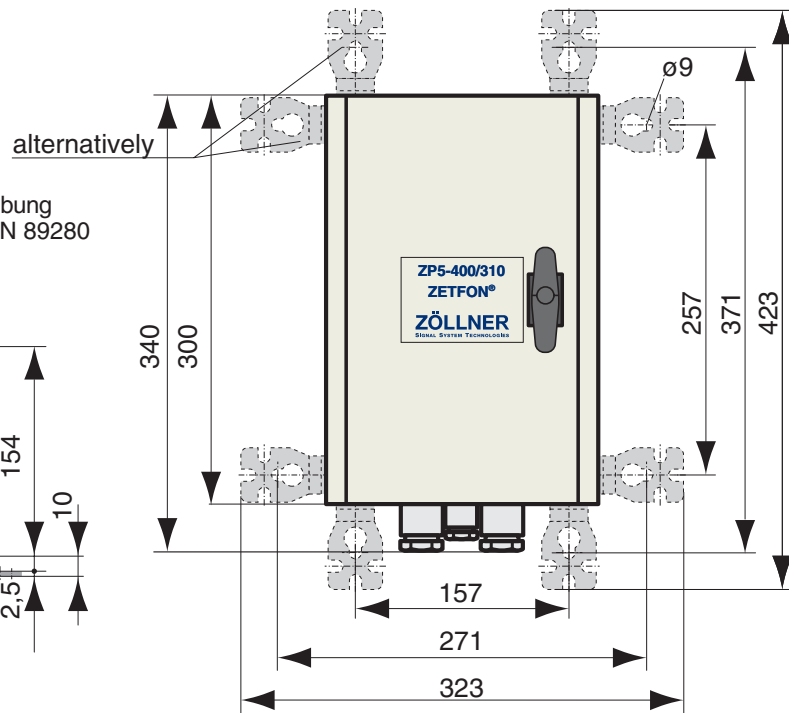
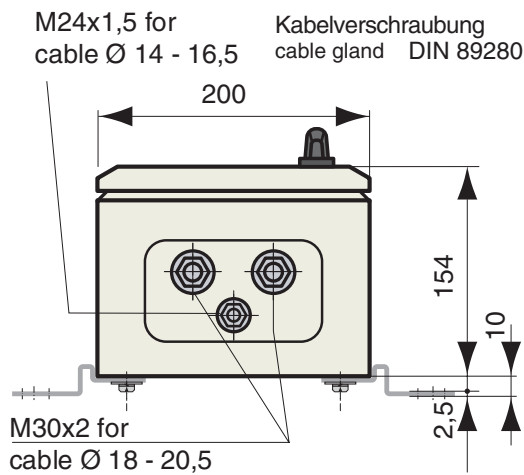
- broad frequency spectrum with many higher harmonics
- signals with strong overtones for best penetration of background noise level
Even when a background noise covers the actual basic frequency the residual tone forms a parent frequency in the human hearing. Two or three harmonics are sufficient for the hearing to perceive the basic frequency.
- sound frequency of 310 Hz very advantageously ranks in the lower admissible range (250-700 Hz)

Advantages

- *decades of experience*
- best material and workmanship - made in Germany
- *90 degrees bent aluminum sound horn allows optimum discharge of spray, fog, condensation water or melted snow*
- *body heating for cold areas available on request*
- *control and amplifier unit provided with protection against cross-connection of terminals*
- *low power consumption of 500 W*
- *easy installation*
 - *only one 2-core cable required for standard design*
 - *relatively low weight*
- *simple but matured design*
 - *easy exchange of all parts with onboard tools*



Schalt- und Verstärkereinheit ZP5
control and amplifier unit ZP5



type	ship length [m]	voltage	cable gland [mm] max.	fundamental frequency [Hz]	sound intensity in 1/3rd-octave band level at 1 m distance		max input sounding [W]	body heating [W]	type approval BSH (DHI) no.	protection type	weight [kg]
					dB(A)	mind. IMO 1/3rd oct					
400/ 310DC	20-<75	24V DC	Ø15/ Ø18,8	310	131	130	500	30	49/26P/83	IP 56	19,7+6,4