

FH800(3)EX(-SS)

Explosion proof foghorn

Explosion proof foghorn, designed to provide 2 nautical miles omni-directional coverage. For offshore structures and in line with IALA and DGSM regulatory requirements.



Key features

- Reliable marine foghorn, low cost of ownership
- Suitable for Zone 1 and Zone 2 areas with gas explosion hazard
- Operating voltage and code control provided from Navaid Central Control Panel (NCCP)
- Monitoring system integrated in Navaid Central Control Panel (NCCP)
- Offshore coated seawater resistant light alloy body or casted stainless steel 316 body
- Can be supplied as a main/secondary foghorn as part of the Navaid Central Control Panel (NCCP)

Standards/Certification

- Complies with IALA regulation; O-139 The marking of man-made offshore structures – Dec. 2008; chapter 2, paragraph 2.1.2 - Foghorn
- Complies with UK Department for Transport; Standard marking schedule for offshore installations – Dec. 1994; chapter 4 - Foghorn
- Complies with Mining regulations of the Netherlands – Dec. 2002, Article 5.2 - Foghorn
- Certified with US Coast Guard; 33 C.F.R. Part 67 – Aids to navigation on artificial islands and fixed structures
- Cenelec EN 50014, EN 50018 and EN 50019
- KEMA 02ATEX2269 (foghorn); ATEX Ⓢ II 2G EEx e II T6 foghorn according to ATEX Directive 94/9/EC
- KEMA 02ATEX2103 (light alloy junction box); ATEX Ⓢ II 2GD EEx d IIC T6 T 80°C junction box according to ATEX Directive 94/9/EC
- KEMA 05ATEX2049 (stainless steel junction box); ATEX Ⓢ II 2G EEx d IIB T6 junction box according to ATEX Directive 94/9/EC

Performance characteristics

- Morse code 'U' every 30 seconds from Navaid Central Control Panel (NCCP)
- Alternative codes available; USCG 2 sec blast every 20 seconds (2 sec sound, 18 sec silence)
- Effective range main foghorn: 2.0NM (134dB(A) at 1 meter)
- Horizontal sound divergence: 360°

Electrical characteristics

- Operating voltage: 190Vac ; 860Hz from Navaid Central Control Panel (NCCP)
- Power consumption: 100W peak
- Connection details: max. 6mm²; one M25x1.5 cable gland entry
- Earth connection: internal M6 and external M6

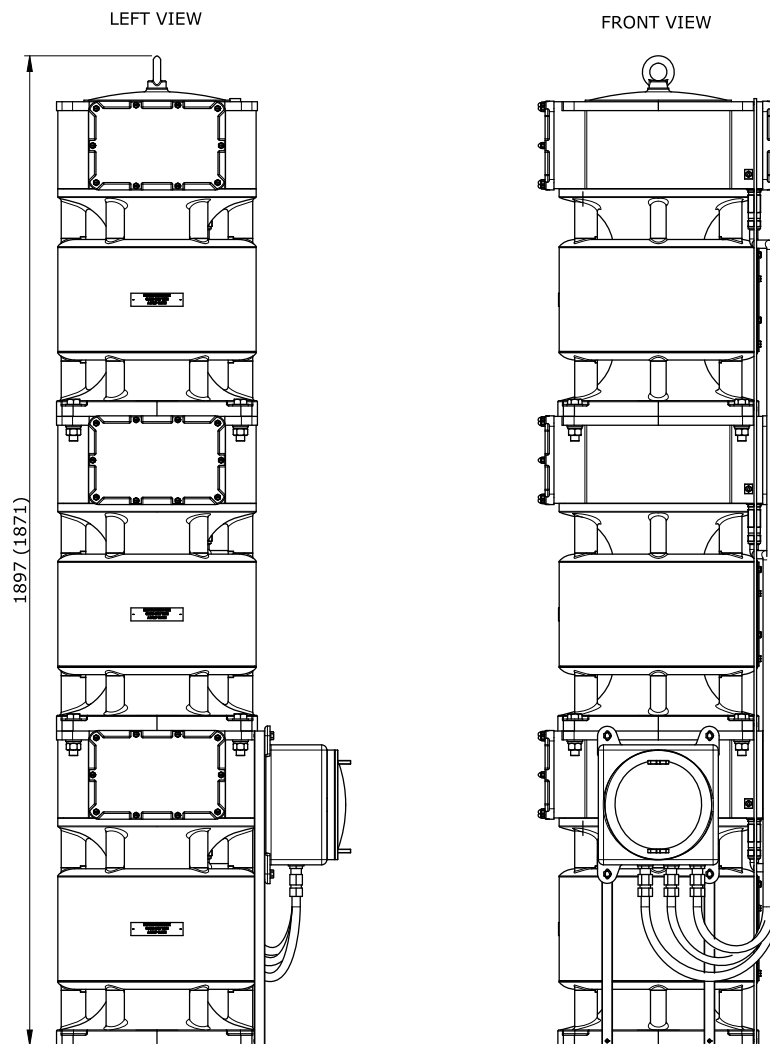
Physical characteristics

- Dimensions (L x W x H): 564 x 461 x 1897mm
- Stainless steel version dimensions (L x W x H): 544 x 452 x 1871mm
- Weight: 175kg (stainless steel version 360kg)
- Design degree of protection: IP66
- Operating temperature range: -20°C to +55°C (stainless steel version +50°C)

FH800(3)EX(-SS)

Explosion proof foghorn

Type designation	Power consumption (W)	Range	Typical frequency	Weight (kg)
FH800(3)EX	100W peak	2.0NM	860Hz	175kg
FH800(3)EX-SS	100W peak	2.0NM	860Hz	360kg



FH800(3)xx displayed
(-SS version dimensions
shown between parentheses)