# orga

# FH800(3)SA(-SS)

Foghorn

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
- 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

# **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. 6mm<sup>2</sup>; one M25x1.5 cable gland entry
- Earth connection: internal M6 and external M6

### **PHYSICAL CHARACTERISTICS**

- Dimensions (L x W x H): 676 x 464 x 1894mm
- 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)

# Page 1 of 2

Orga BV

All values mentioned in this document are typical values. Document can be subject to modifications, without prior notice. Datasheet last modified on April 29, 2020.



info@orga.nl P.O. Box 3046 T +31 (0)10 208 55 55 3101 EA SCHIEDAM F +31 (0)10 437 8445 The Netherlands

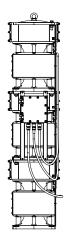
P.O. Box 3046 Strickledeweg 13 01 EA SCHIEDAM 3125AT Schiedam The Netherlands The Netherlands

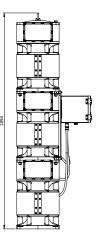


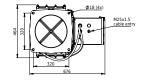
# FH800(3)SA(-SS)

Foghorn

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







Page 2 of 2

All values mentioned in this document are typical values. Document can be subject to modifications, without prior notice. Datasheet last modified on April 29, 2020.



info@orga.nl T +31 (0)10 208 55 55 3101 EA SCHIEDAM F +31 (0)10 437 8445

P.O. Box 3046 The Netherlands

#### Orga BV Strickledeweg 13 3125AT Schiedam The Netherlands