

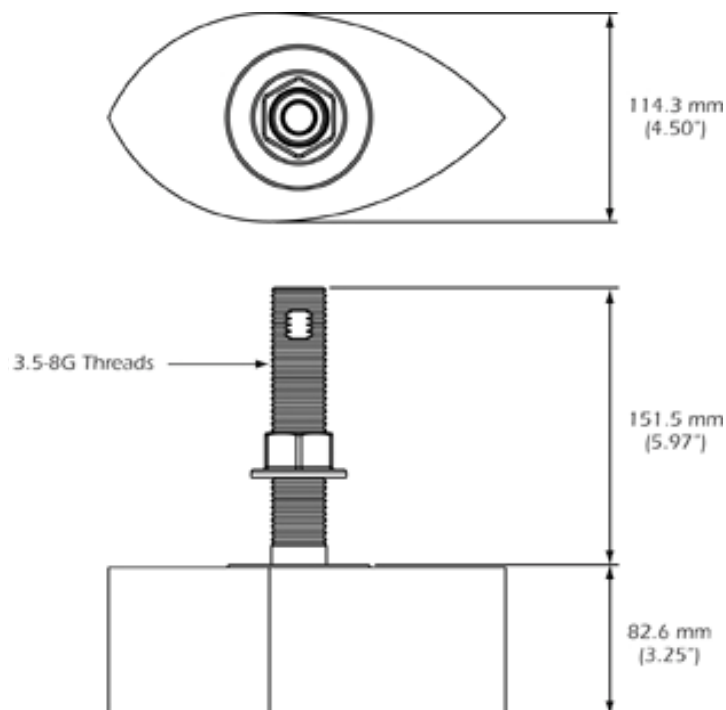
Subject: New SS561 Housing  
Effective: February 2007

### New CA28TID-S261 Replaces the CA28T-S261

#### Advantages of the CA28TID-S261

- Monocast housing with a stainless steel stem can be mounted on any type of hull material.
- Identical acoustic performance as the CA28T-S261. (28G-kHz data is on the reverse side of this bulletin)
- High-Performance Fairing included for proper installation and optimal performance results.
- Temperature sensor included.

#### Dimensions



17-278-121 rev. 02

## 28 kHz – G

### Transformed to 60 ohms

Power rating: 1 kW<sub>rms</sub> @ 2% duty cycle

4x44mm (1.75") PZT/L

Active Area: 62cm<sup>2</sup>

Urethane Window

### Beamwidth:

-3dB: 23° x 32°

-6dB: 33° x 47°

-10dB: 42° x 62°

Directivity Index: 15.4

Frequency Tolerance: ±1.4kHz

Peak TVR<sup>(1)</sup>, nominal: 164dB

Peak TVR<sup>(1)</sup>, minimum: 162dB

Q (transmit): 8

Peak Source Level<sup>(4)</sup>: 212dB

RVR<sup>(2)</sup>, nominal: -180dB

Peak Figure of Merit<sup>(3)</sup>: -20dB

### Notes:

- (1) dB re 1 μPa per volt at 1 meter
- (2) dB re 1 volt per μPa
- (3) sum of transmitting voltage response and receiving voltage response
- (4) Nominal peak TVR, rated power, and no cavitation

Acoustic Data: id file 9:Stored Data:28G:Urethane:99NR061801:Test#1:02Sens  
 Pattern Data: id file 9:Stored Data:28G:Urethane:000207-01:Test#5:06Direct  
 id file 9:Stored Data:28G:Urethane:000207-01:Test#2:06Direct

Array:



### Transmit Radiation Pattern

