

8242XS

Acoustic Release Transponder

***Long deployments
Heavy loads
No problem***

- Release load of 5,500 kg
- Longest history of reliability in the industry
- Nickel Aluminum Bronze alloy construction
- Titanium closure hardware
- Transponder for positioning and recovery
- Several battery configuration options for long life
- Secure command coding

Options: I/O communication
Pressure activation
External On/Off
Extended battery life



The **8242XS Acoustic Release Transponder** is a field-proven, reliable, and versatile mooring instrument. The 8242XS is made entirely of Nickel Aluminum Bronze alloy with titanium closure hardware for very long deployments with no corrosion. Acoustic status reply includes tilt and release state. Command structure proven in the toughest acoustic environments anywhere. Many of these releases are over 15 years old and still in use.



***What you do underwater is your business...
... Helping you do it better is ours***

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Specifications

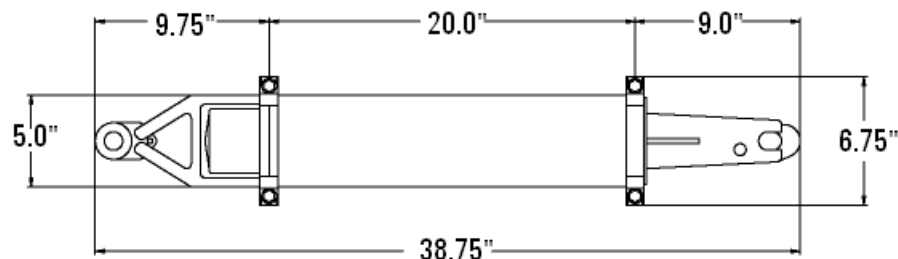
8242XS

Mechanical

Release mechanism:	Spring driven rotary type with advantage hook
Release load rating:	5,500 kg (12,000 lbs) central axis loading
Depth rating:	6000 meters (19,700 ft)
Length:	94.6 cm (37.2 in)
Weight in air:	36 kg (79 lbs)
Weight in water:	28 kg (62 lbs)
Exposed materials:	Acetal (washers etc), NiAlBz (housing end caps and mechanism) Buna -N (O-rings) Titanium

Electrical

Transmit source level:	192 dB re 1 micro Pascal
Command codes:	BACS commands (ORE Offshore)
Receiver sensitivity:	85 dB re-1uPascal-meter
Battery Type:	Battery Life:
Welded alkaline pack	2 years & 40,000 replies
Replaceable Alkaline	2 years & 100,000 replies or 4 years & 200,000 replies
Replaceable Lithium	4.5 years & 250,000 replies or 9 years & 500,000 replies



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