

Datasheet

Heavy Duty Acoustic Release Frames



Type 7869



Type 7988

The Heavy Duty Acoustic Release Frames have been designed as optional extras for Sonardyne's Type 8320 RT 6-3000 and Type 8321 RT 6-6000 acoustic release transponders.

The Type 7869 release frame increases the Working Load Limit (WLL) of a standard RT 6-3000 or RT 6-6000 to 7,500 kg (at 4:1 safety factor) with a breaking load of 30,000 kg.

The Type 7988 release frame has a WLL of 25,000 kg and breaking load of 100,000 kg. In most cases both types of release frame can be fitted without any modification to the acoustic release itself and is easily assembled in the field.

Manufactured from high strength steel, which is galvanised and powder coated, the releases offer excellent corrosion resistance for long term deployment. This can be in excess of 3 years using a standard RT 6-3000 or RT 6-6000 fitted with alkaline battery pack. Depth rating is solely dependent upon the acoustic release being used; 3,000 m for an RT 6-3000 or 6,000 m for a RT 6-6000.

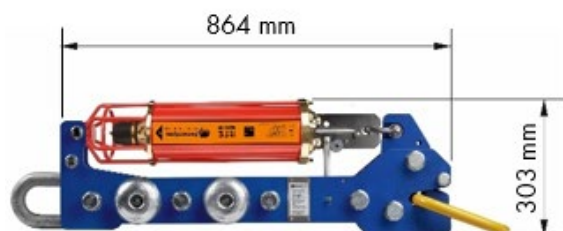
Applications for which the acoustic releases have been developed include marine salvage, defence and oceanographic research.

Key Features

- Working Load Limit of 7,500 kg or 25,000 kg
- Up to 100,000 kg Breaking Load
- Compatibly with Sonardyne
- RT 6-3000 and RT 6-6000 acoustic release transponders
- Compact size
- Galvanically isolated from acoustic release to maximise corrosion resistance
- Industry standard lifting rings

Specifications

Heavy Duty Acoustic Release Frames



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Type 7988

Feature	Type 7869	Type 7988
Depth Rating (dependant on RT 6-3000/6000)	3,000 m ¹ (RT 6-3000) 6,000 m (RT 6-6000)	3,000 m ¹ (RT 6-3000) 6,000 m (RT 6-6000)
Working Load Limit (at 4:1 Ratio)	7,500 kg	25,000 kg
Maximum Safe Release Load	11,000 kg	11,000 kg
Breaking Load	30,000 kg	100,000 kg
Proof Load (a Proof Test Certificate is available on request)	15,000 kg	50,000 kg
Mechanical Construction	Galvanised steel, painted	Galvanised steel, painted
Dimensions – (with RT 6-3000/6000, including lifting rings) (Length x Width x Height)	1190 x 160 x 303 mm (46.9 x 6.3 x 11.9")	1465 x 265 x 306 mm (57.7 x 10.4 x 12.1")
Weight of Frame in Air ²	38 kg	115 kg
Weight of Frame in Air (with RT 6-3000/6000) ²	58 kg	135 kg

Ordering Information

Type	Description
7869-000-01	Heavy Duty Acoustic Release Frame (7.5 tonnes WLL)
7988-000-01	Heavy Duty Acoustic Release Frame (25 tonnes WLL)
8320-3411	RT 6-3000 Release Transponder 6
8321-6415	RT 6-6000 Release Transponder 6

¹ RT 6-3000 is pressure rated to 4,000 m; however, due to operating range constraints of MF, its use at depths greater than 3,000 m is not recommended.

² Estimated weights.