

Datasheet

Heavy Duty Acoustic Release Frames



Type 7869



Type 7988

Description

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 7½ tonnes (at 4:1 safety factor) with a breaking load of 30 tonnes.

The Type 7988 release frame has a WLL of 25 tonnes and breaking load of 100 tonnes. 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 metres for an RT 6-3000 or 6,000 metres for a RT 6-6000.

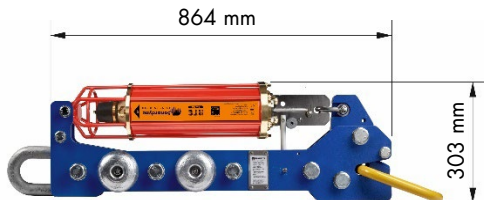
Applications for which the acoustic releases have been developed include; marine salvage, defence and oceanographic research.

Key Features

- Working Load Limit of 7.5 or 25 tonnes
- Up to 100 tonnes 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

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Feature	Type 7869	Type 7988
Depth Rating (Dependant on RT 6-3000/6000)	3,000 metres or 6,000 metres	3,000 metres or 6,000 metres
Working Load Limit (at 4:1 Ratio)	7.5 tonnes	25 tonnes
Maximum Safe Release Load	11 tonnes	11 tonnes
Breaking Load	30 tonnes	100 tonnes
Proof Load (A proof test certificate is available upon request)	15 tonnes	50 tonnes
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	38 kg	115 kg
Weight of Frame in Air (with RT 6-3000/6000)	58 kg	135 kg

Ordering Information

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