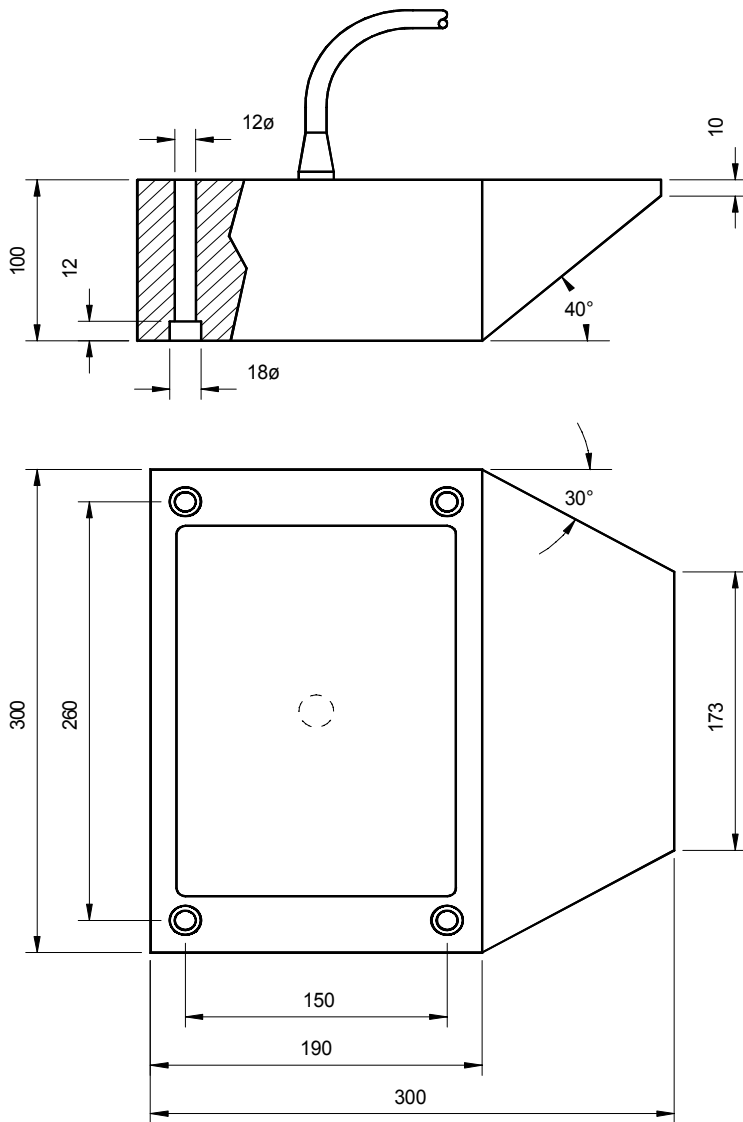
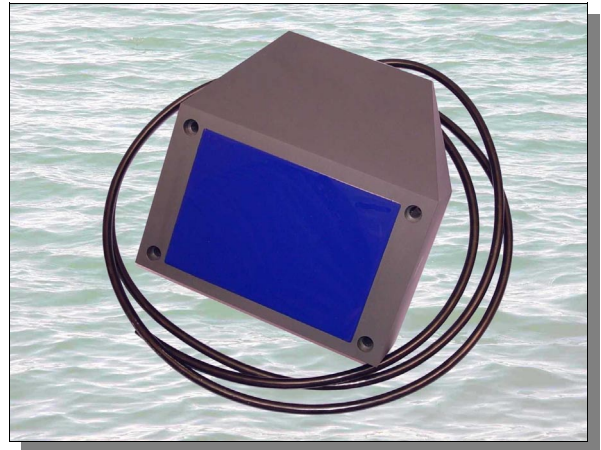


MODEL 76 SERIES

Dual Frequency Transducers

- DUAL FREQUENCY
- 30 LF / HF COMBINATIONS
- FISHING : NAVIGATION : SURVEYING
- OVER-SIDE MOUNTING
- LOW SIDE-LOBES
- ROBUST NYLON HOUSING

The 76 SERIES are high performance, dual frequency transducers combining both HIGH and LOW frequency sections in a single unit.



All dimensions in mm

The ability to specify any combination of frequencies in the same basic unit, provides the echo sounder manufacturer and hydrographer with a versatile sounding system combining high resolution with good range performance.

The well defined beam pattern combined with the dual frequency option makes the 76 SERIES an excellent choice when measuring sediment layers.

The high impact strength nylon body provides a mechanically robust and corrosion free transducer.

This product is stocked by our world-wide distributor

GSE Rentals Ltd, Aberdeen

Tel: +44 (0) 1224 771247

Fax: +44 (0) 1224 723116

E Mail: info@gserentals.co.uk

Frequency Options	
24 kHz	160 kHz
28 kHz	200 kHz
30 kHz	210 kHz
33 kHz	300 kHz
38 kHz	600 kHz
50 kHz	
Compatible with all popular Sounder Types	

Technical Specification

Low Frequency Section

Frequency	24 kHz	28 kHz	30 kHz	33 kHz	38 kHz	50 kHz	kHz
Beam Angle @ -3dB	23	19	18	16.5	14	11	Degrees
Source Level	167	168	168	167	166	171	dB re uPa/V @ 1m
Receive Sensitivity	-164	-166	-167	-168	-169	-178	dB re V/uPa
Input Power	1000	1000	1000	1000	1000	1000	Watts
Bandwidth	2.8	3.5	3.0	3.5	3.5	5.0	kHz
Nominal Impedance	75	75	100	100	100	75	Ohms

High Frequency Section

Frequency	160 kHz	200 kHz	210 kHz	300 kHz	600 kHz	-	kHz
Beam Angle @ -3dB	12	8	7.5	7	5	-	Degrees
Source Level	175	175	174	172	174	-	dB re uPa/V @ 1m
Receive Sensitivity	-187	-186	-187	-174	-204	-	dB re V/uPa
Input Power	300	300	300	300	300	-	Watts
Bandwidth	14	20	28	28	57	-	kHz
Nominal Impedance	65	65	75	75	75	-	Ohms

Transducer impedance can be adjusted to suit customers specification

Cable Length	10 Metres Standard (Additional lengths supplied to order)
Cable Type	Polyurethane Ø12mm 4 Core Screened
Storage Temperature	-40 to +80 °C
Operating Temperature	-5 to +70 °C

Ordering Information

76, low frequency, high frequency, cable length