

# SKIPPER ETN050

## 50 kHz Echo Sounder Transducer

Transducer

50 kHz

25 and 40 m cable

Beam angle 33°



The ETN050 is a 50 kHz transducer with 25 or 40 m cable. It comes with different adaptors in order to fit to different bottom mountings.

SKIPPER Electronics manufacture marine electronics for the merchant fleet as well as the fishing fleet, based on experience, research and tradition. Our products are known worldwide for reliability, sophistication and good value for money.

### Features:

**50 kHz**

**The beam angle is 33°**

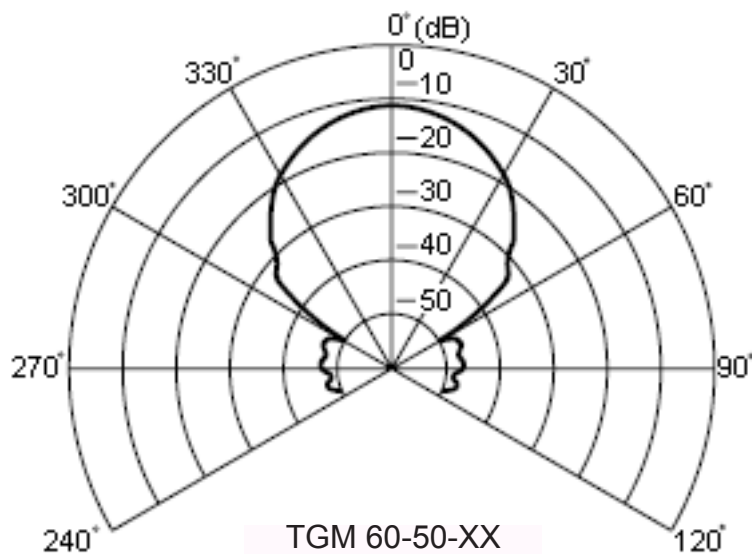
**Mounting options** - Tank, Sea valve for single or double bottom hull designs and Ice protection for Sea Valves and Tank.

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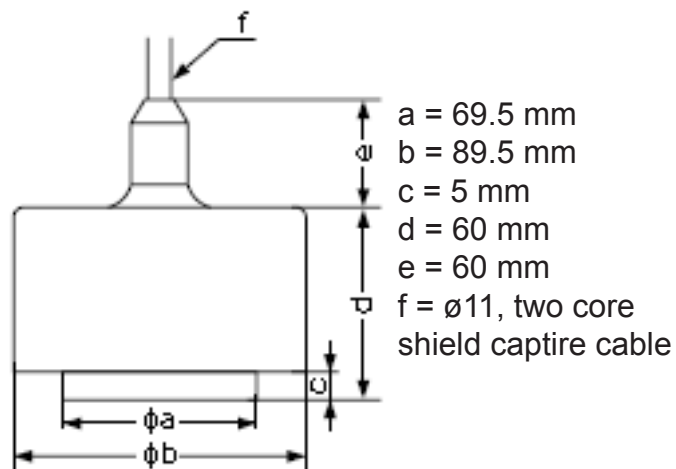
## 50 kHz Echo Sounder Transducer

Transducer	ETN050T	ETN050XT	ETN050G	ETN050XG	ETN050BEL	ETN050BELX	ETN050GI	ETN050XGI
Resonant frequency	50 kHz $\pm$ 1	50 kHz $\pm$ 1	50 kHz $\pm$ 1	50 kHz $\pm$ 1	50 kHz $\pm$ 1	50 kHz $\pm$ 1	50 kHz $\pm$ 1	50 kHz $\pm$ 1
Beam angle	33°	33°	33°	33°	33°	33°	33°	33°
Cable length	25 m	40 m	25 m	40 m	25 m	40 m	25 m	40 m
Installation	ETNST and ETNSTC	ETNST and ETNSTC	SB-100-SA and SB-100-SB	SB-100-SA and SB-100-SB	ETNSTCI	ETNSTCI	SB-100-SA and SB-100-SB	SB-100-SA and SB-100-SB
Delivery includes	Junction box	Junction box	Junction box	Junction box	-	-	Junction box	Junction box
Weight	11.5 kg	13.5 kg	9.5 kg	11.3 kg	6,5 kg	9.5 kg	9.5 kg	11.3 kg
Type	TGM 60-50-25L	TGM 60-50-40L	TGM 60-50-25L	TGM 60-50-40L	TGM 60-50-25L	TGM 60-50-40L	TGM 60-50-25L	TGM 60-50-40L
Impedance ( $\Omega$ ) at resonance	150*400	150*400	150*400	150*400	150*400	150*400	150*400	150*400
Static Capacitance (pF)	8000 $\pm$ 15%	8000 $\pm$ 15%	8000 $\pm$ 15%	8000 $\pm$ 15%	8000 $\pm$ 15%	8000 $\pm$ 15%	8000 $\pm$ 15%	8000 $\pm$ 15%
Insulation Resistance (M $\Omega$ )	500 and over	500 and over	500 and over	500 and over	500 and over	500 and over	500 and over	500 and over

### Directivity Patterns



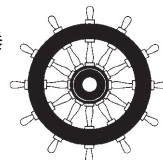
### Dimensions of transducer without adaptor



ZZL-01019 Junction box 1151/ZWR for Echo Sounder Transducers included with most ETN050



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