



# TRON 40S

406 MHz Satellite EPIRB

your safety – our concern

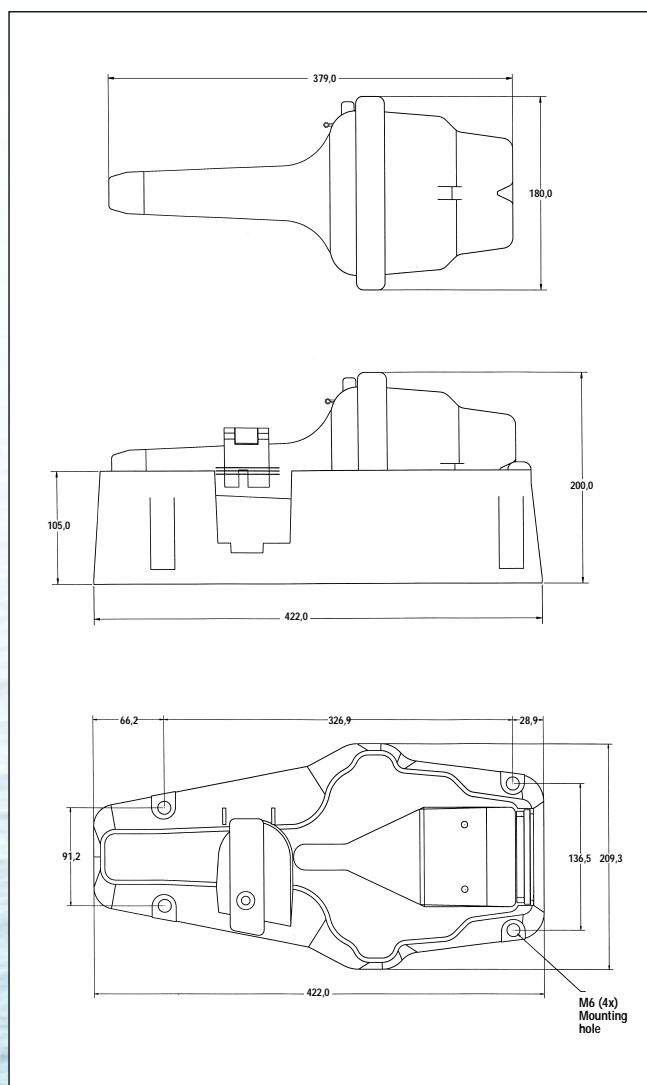


## TRON 40S GMDSS Float Free Satellite Emergency Position-Indicating Radio Beacon, EPIRB

JOTRON with more than 30 years of experience is a leader in the latest technology of reliable maritime life-saving equipment based on experience and quality. The products are backed up by a trained network of agents world wide to offer service and support to maintain a reputation second to none. JOTRON has a proven record at giving priority in product development to offer and provide products of unsurpassed reliability and practicality in preventing accidents and ensuring safety of lives at sea.

Our company slogan «Your safety - Our concern», is built into all products.

The Tron 40S design is especially based on the GMDSS regulation together with JOTRON's long experience to make it possible to meet the hard maritime environment on the seven seas.



### Tron 40S SPECIFICATIONS:

#### GENERAL:

Dimensions:	Height: 38 cm Max diameter: 18 cm
Weight:	App. 2,0 kg
Material housing:	Polycarbonate with 10% glass fibre
Dim. (MB-4/FB-4/FBH-4):	Height: 42 cm Wide: 21 cm Dept: 20 cm (with beacon)
Weight (MB-4/FB-4/FBH-4):	App. 1,6 kg
Material (MB-4/FB-4/FBH-4):	ASA
Antenna:	Built in, vertical polarisation, omnidirectional
Visual indication:	Built in Xenon flash and Test LED
Operating temperature:	-20°C to +55°C. Class 2 -40°C to +55°C. Class 1, optional
Battery:	JOTRON type number X-97780 Lithium, 4 years service life
Operating life:	More than 48 hours at -20°C
Standards:	Approved according to: ETS 300 066 MPT 1259 IMO A662 IMO A695 (17) IMO A 810 (19) C/S T.001

#### 406 MHZ TRANSMITTER:

Frequency:	406.025 MHz $\pm$ 2ppm
Output power:	5W $\pm$ 2dB
Digital message:	All protocols available
Modulation:	Phase modulation 1.1 $\pm$ 0.1 rad
Data encoding:	Bi phase L
Stability:	Short term: $\leq$ 10-9 Medium term: $\leq$ 10-9 Residual noise: $\leq$ 3x10-9
Bitrate:	400 b/s

#### HOMING TRANSMITTER:

Frequency:	121.500 MHz $\pm$ 10ppm
Output power:	Up to 100 mW
Modulation:	A9 AM, sweep tone from max 1600 Hz to min 300 Hz Sweep range 700 Hz Sweep rate 2-3 Hz

#### AUTOMATIC RELEASE MECHANISM:

H-20 Hammar:	With Jotron special bolt
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Jotron Electronics a.s reserve the right to modify without notice characteristics and data supplied in this brochure.

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#### DISTRIBUTOR:

