

SUPERTYFON® AT 150/165 with Valve Unit TV 784

**A high-power whistle according to IMO
for vessels of 75 to 200 m in length**

Valve Unit TV 784

Ref. no. 24510043



SUPERTYFON AT 150/165

Ref. no. 24510086

General Information

Before "COLREG 1972" (the International Regulations for Preventing Collisions at Sea), a popular practice was to use low-pitched tones even for smaller vessels. In other words, the principle of a low tone for large vessels was not followed with sufficient stringency.

According to the IMO regulations, the very low tones are strictly reserved for the largest ships. For middle-sized and smaller vessels, there are rather wide limits as to the choice of frequencies. Preference has been given to signals which, even at some distance, have capability to be heard. For vessels of 75 to 200m in length, **TYFON®** and **SUPERTYFON** with frequencies between 130 and 350 Hz are appropriate.

Positioning Whistles

For an all-round radiation and a limited noise level from the ship's whistles at the listening posts, the positioning of the ship's whistles is very important. For further information regarding installation regulations and "Combined Systems", see our leaflet "IMO Regulations, KSM 265E".

Valve Unit

The **VALVE UNIT TV 784** has a good air flow section, thermostatic heating, exchangeable choke flanges and filters. The apparatus is fitted with two coils for normal and emergency operation and lanyard as standard (see separate leaflet KSM 264).

Installation

SUPERTYFON AT 150/165 is to be fixed with four M16 bolts to an outrigger or similar construction. To avoid functional trouble blow the supply pipe thoroughly clean before connecting to the signalling whistle. If the pipe line above deck is longer than 100m, a primary **FILTER TP 15/2** should be installed at the foot of the mast to protect the signalling apparatus from water condensate and rust particles. This filter is recommended to be drained regularly, approximately once a month.

Technical Data

Frequency: 165 Hz

Sound Pressure Level (1m):

Total: 148 dB

1/3 octave IMO limit: 138 dB

Air consumption: 25-35 l/s

Air supply pressure with choke regulation:

0,6-3 MPa (6-30 bar) (40 bar optional)

Electric power:

Thermostat heating: 24 W

Valve: 8-15 W

Weight: 14 kg

For wiring diagram: see Valve Unit TV 784, KSM 264.

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KSM 333E/9507

Replaces KSM 333E/9201

