

TUNNEL THRUSTER INSTRUCTION MANUAL

Hull no.: 443

Sign:LSM Page 8 of 48 Unit no.:T7839/40

47277-E

Technical Data

Size / type	TT2000 VI CP
Installation No	T7836/37
Drive motor power	880 kW
Drive motor revolutions	1180 rpm
Propeller revolutions	245 rpm
Propeller diameter	2000 mm
Tunnel length	2920 mm
Drive motor voltage / frequency	660 V / 60 Hz
Classification society	LRS
Anodes	4 pcs 1.5kg
	8 pcs 4.6kg

Weights (approx.)

See drawing "Main Assy"

Hydraulic system

See hydraulic diagram - Assembly Drawing

Electronic Remote Control System

See control system - Assembly Drawing

Sense of Rotation

Propeller:

Right hand rotation (clockwise), seen from hub side.

Pinion shaft:

Right hand rotation (clockwise), seen from towards shaft end.

Prime mover:

Left hand rotation (anti-clockwise), seen towards its shaft end.

Turning Direction of Pitch Indicator Pin / Water Flow Direction

Anti-clockwise:

Water flow direction from the propeller towards the gear house

(gear house down-streams the propeller)
The ship moves towards the propeller side.

Clockwise:

Water flow direction from the gear house towards the propeller

(gear house up-streams the propeller)

The ship moves towards the pinion shaft side.

Tunnel Thruster

Rev.: