



STEERING AND CONTROL



Built to comply with international marine standards, our modern control system is designed and built to be user friendly and intuitive for easy operation and maintenance for your crew.

TEES WHITE GILL THRUSTERS STANDARD STEERING GEAR & CONTROL COMPRISES OF:

STEERING MOTOR

Horizontally mounted, totally enclosed, fan cooled, reversible electric motor and right angled reduction gearbox with an electromagnetic disc brake and emergency manual release at the non-drive end.

The steering motor mounts directly on to the thrust unit and is sized to rotate the steering deflector in either direction at approximately 6rpm.

As standard motors are supplied with IP65 enclosures, anti condensation heaters, thermistor temperature sensors, AC variable speed drive to suit integrated joystick and dynamic positioning control systems. A gear driven transmitter assembly is also included providing azimuth feedback to our manual control panels and any integrated joystick and/or dynamic positioning systems.

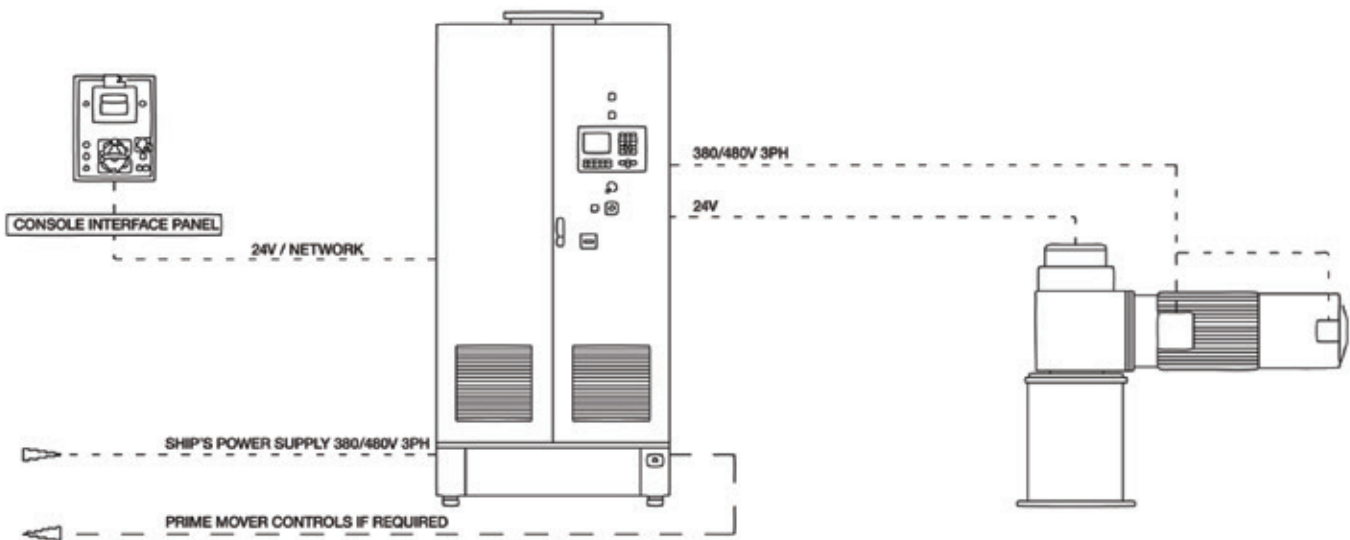
STARTER & CONTROL CUBICLE

Floor mounted enclosure to IP55 for installation in the thruster compartment, containing PLC control of all thruster start, running and alignment functions, AC variable speed drive for speed control of the steering motor and local control of all thruster functions by single screen menu driven operator interface panel.

CONTROL PANELS

Drop-in panels for installation into wheelhouse bridge wing or aft control stations, incorporation:

- 360° rotatable telegraph type control head for thruster azimuth and speed control.
- Thruster azimuth and speed indicators.
- All necessary alarms, indicators and push buttons.
- Single screen menu driven operator interface panel replacing push buttons and indicators.
- Rear wiring loom for connection to control station interface panel.



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