

Azimuth thruster up to 1MW



- Allows the security of a ship or a submarine in case of main propulsion failure
- Permits the manoeuvrability at low speed

THE THRUSTER IS COMPOSED OF

- A pod containing an electrical synchronous permanent-magnet motor acting directly on a propeller
- A fixed or steerable support arm
- An hydraulic deployment system
- An equipressure system (for submarine applications)
- A variable speed drive
- A command control system for the feedback of information and control with the IPMS or the bridge

VARIABLE SPEED DRIVE SPECIFICATIONS

ELECTRICAL

Power	80kVA three-phase
Efficiency	≥95% at nominal power
EMC	GAM-EG 13C

MOTOR CONTROL

- Sensorless flux vector control
- On-the-fly recovery function
- Ignition with motor already driven

MECHANICAL

Dimensions	H=850mm; W=600mm; D=800mm
Weight	350kg
Shock	15g / 11ms
Vibration	NF EN60068-2-6
Protection degree	IP43
Water cooling	

Data are given by way of illustration and are liable to be modified without notice