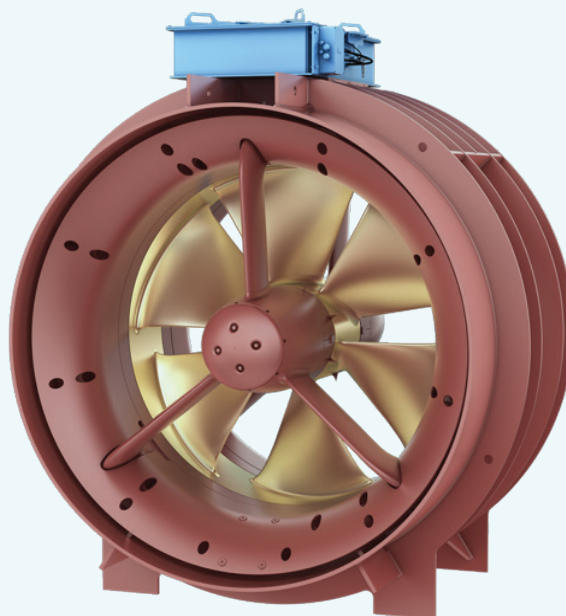




KONGSBERG



# TUNNEL THRUSTER TT-PM

## KONGSBERG TUNNEL THRUSTERS

### TT - PM

The Permanent Magnet tunnel thruster is a new addition to the Kongsberg Maritime family of thrusters, building on a completely new approach to thruster design and motor integration. The TT-PM meets operational requirements with focus on performance and reliability.

The (TT-PM) has been engineered with reliability and through life costs as the focus. Using permanent magnet motor technology increases efficiency and makes the installation more compact, only the variable frequency drive unit is housed in the thruster room, freeing up space on board.

The TT-PM will meet the strictest requirements for performance, noise and vibration, and will be an excellent choice for operations where low noise and high performance is required.

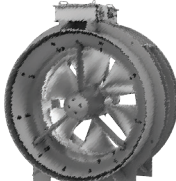



Fast response times to full power give improved maneuverability and operability and anti-roll function capability

#### TYPICAL APPLICATIONS

Suitable for and installed in all types of vessels

- High propulsion efficiency
- Improved fuel efficiency
- Low noise and vibration, airborne, structural and hydroacoustic noise(URN)
- Fast response time (roll-damping)
- Robust design
- Reduced life cycle

#### PM TUNNEL THRUSTER RANGE

TT-PM 2600 2600 kW <i>Planned</i>	TT-PM 2300 2100 kW <i>Planned</i>	TT-PM 2000 1600 kW <i>Available</i>	TT-PM 1600 1000 kW <i>Available</i>
			

Kongsberg Maritime  
P.O.Box 483, NO-3601  
Kongsberg, Norway

Switchboard: +47 815 73 700  
Global support 24/7: +47 33 03 24 07  
E-mail sales: km.sales@km.kongsberg.com  
E-mail support: km.support@km.kongsberg.com