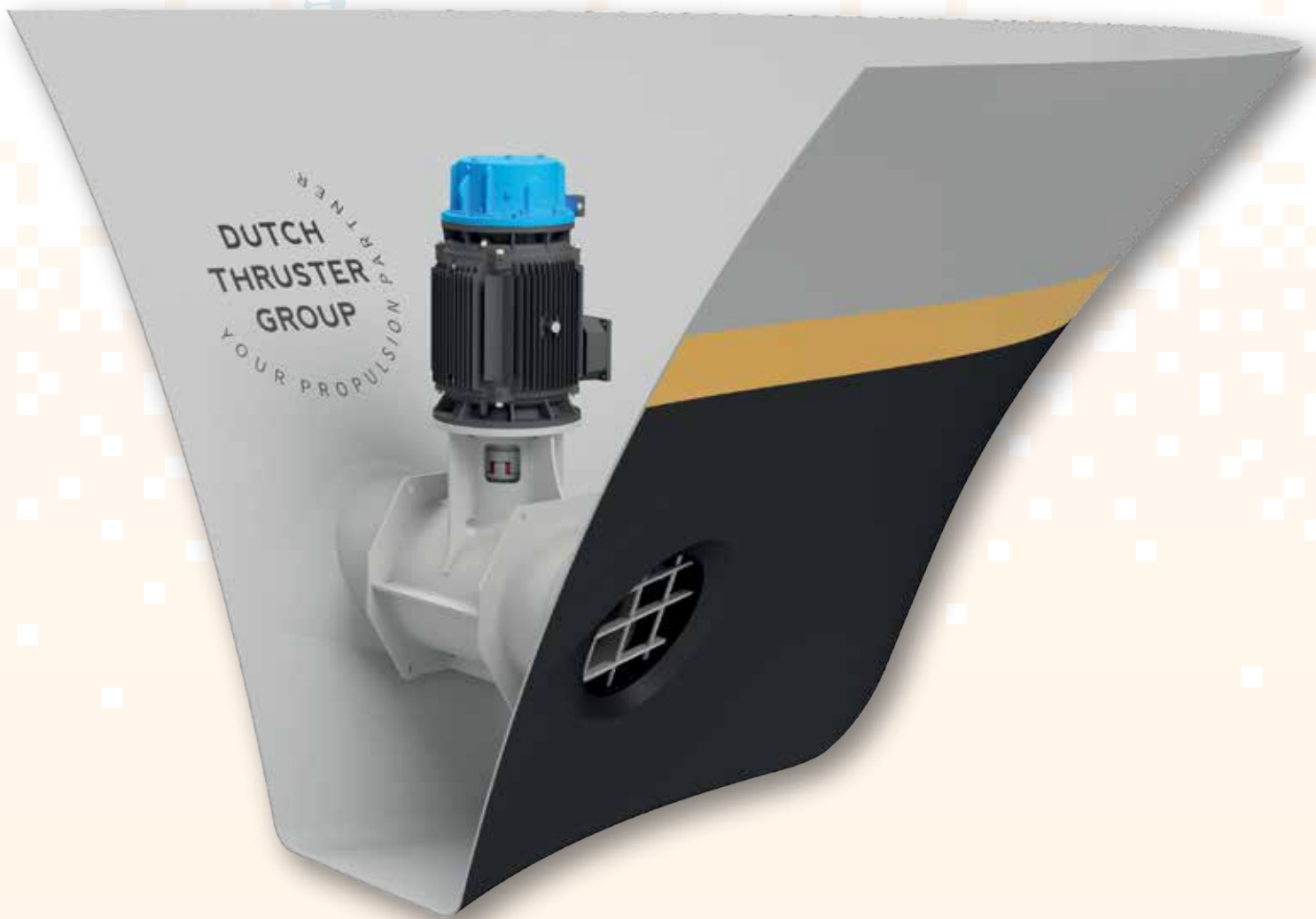


DUTCH THRUSTER GROUP

TUNNEL THRUSTERS



DTG branded tunnel thruster series

Optimized step size range of 20-2400 kW power

Available with Electric, Hydraulic or Diesel engine drive

Compatible with Steel, Aluminium & FRP vessels

Compliant with all major class societies and DP ratings

CONFIGURATION EXAMPLES

Drive types



E-motor



H-motor



Diesel engine

Hull materials



Steel



Aluminium



FRP & wood

Narrow hull applications



Horizontal flange mount



Vertical intermediate shaft



Multiple smaller thrusters

Wide hull applications



Segmented tunnel structure



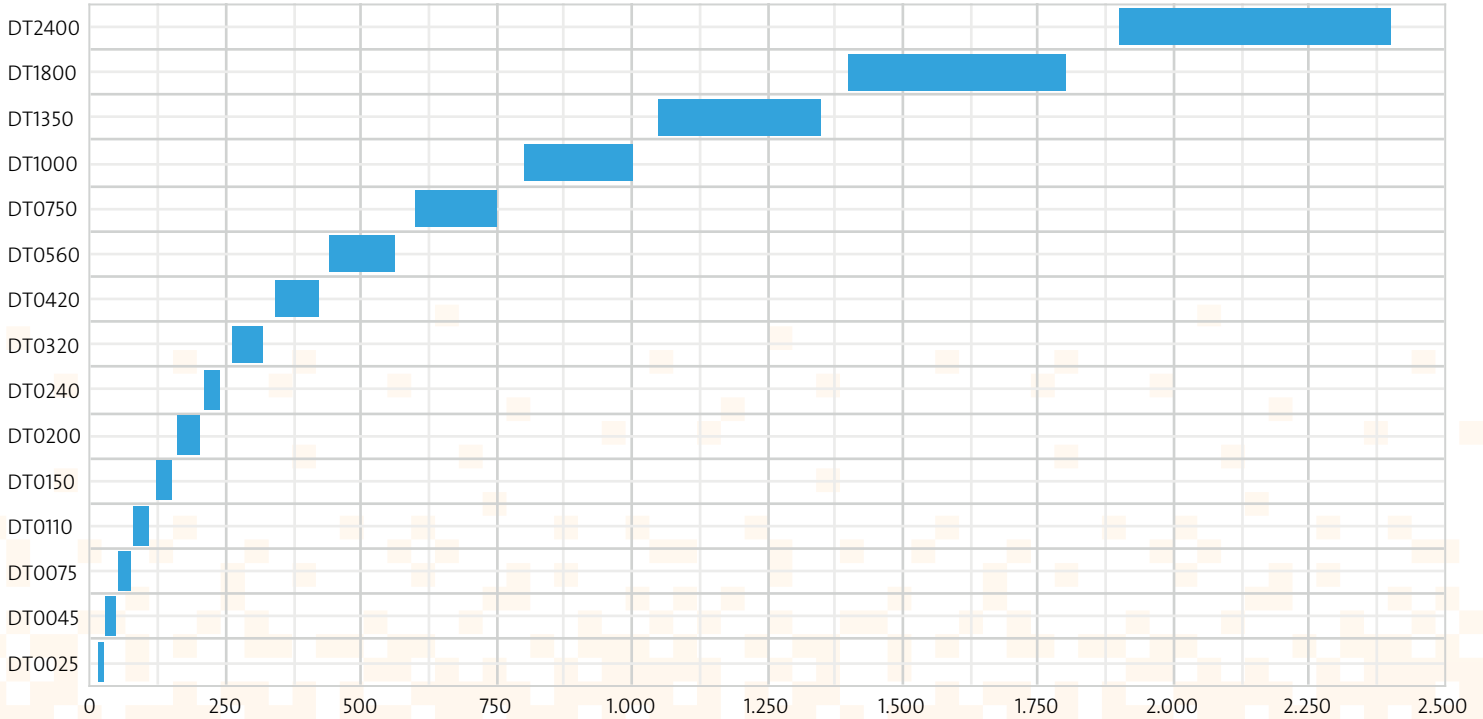
semi-segmented tunnel structure



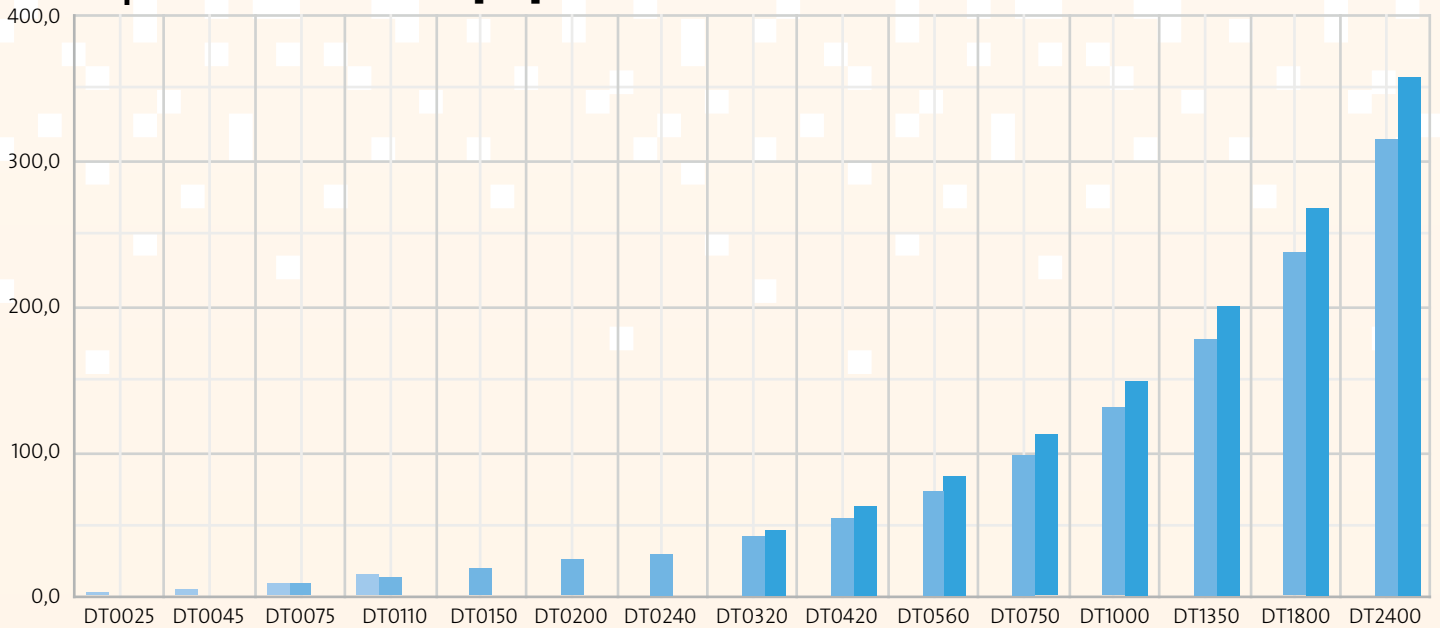
Gondola mounted tunnel structure

RATING TABLES

Step size power rating [kW]



Step size thrust estimate [kN] *



CRP**	3,6	6,5	10,9	15,9											
FPP**			9,9	14,5	19,7	26,3	31,6	42,1	55,3	73,7	98,7	131,6	177,7	236,9	315,9
CPP**								47,7	62,7	83,5	111,9	149,2	201,4	268,5	358,0

*Thrust estimates are based on zero speed conditions, standard tunnel length and smooth grids at tunnel openings

** CRP = Contra Rotating Propeller | FPP = Fixed Pitch Propeller | CPP = Controllable Pitch Propeller

The configuration examples and rating tables are non-exhaustive. Contact us in case of special applications, smaller or larger thruster step sizes, alternative thruster types or out of the box solutions!

The content provided in this brochure is for informational purposes only and is not binding. Dutch Thruster Group BV reserves the right to update the presented information without prior notice.

THE DTG APPROACH

**DUTCH
THRUSTER
GROUP**
YOUR PROPULSION PARTNER

DUTCH THRUSTER GROUP

Originating from the Netherlands, the Dutch Thruster Group is a global acting manufacturer and system integrator of propulsion systems. We provide our products and services in close cooperation with local sales and service representatives.

YOUR PROPULSION PARTNER

Whether you are a naval architect, a vessel owner or a purchaser at a shipyard, selecting the right propulsion system can be a challenging task.

As "your propulsion partner" we empower you with the tools and expertise to make a cost attractive selection for your application.



WHERE APPLIED

DTG branded products are typically applied in the following branches:

- Yacht Industry
- Mega yacht industry
- Merchant vessel industry
- Offshore industry
- Navy & Coast Guard



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Product portfolio

Tunnel thruster systems

Azimuth thruster systems

Retractable thruster systems

Deck Mounted thruster systems

Shaft propulsion systems

Rudder & Steering systems

