

sinest/nub MP-10-19



FINCANTIERI
The sea ahead

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Just like at sea, we are committed to environmental sustainability ashore too:
this information is printed on forest-friendly paper.

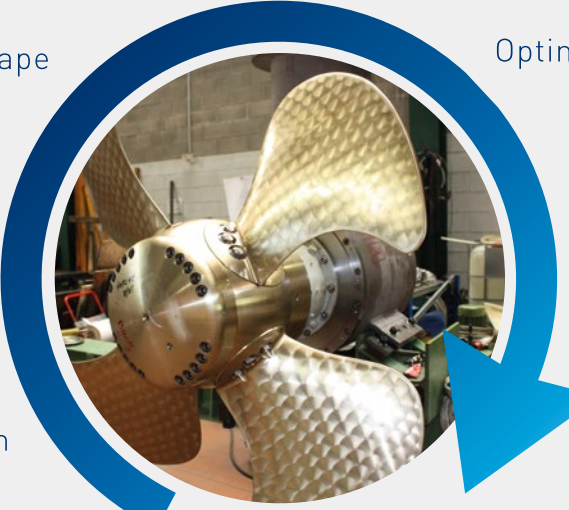


transverse tunnel
thrusters
FOR MARINE APPLICATIONS

FINCANTIERI
The sea ahead



transverse tunnel thrusters



Increased thrust

Hydrodynamic efficiency

Optimized blade shape

Optimized tip speed

Bio - Oil Lube

Stable foundation design

Coast guard shaft seals

Silent performance

Antipollution sealing system

Designed to minimize fouling

Integrated control system

Easy maintenance

Easy hull integration

Competitive life cycle cost

main references

leisure



transportation



defence



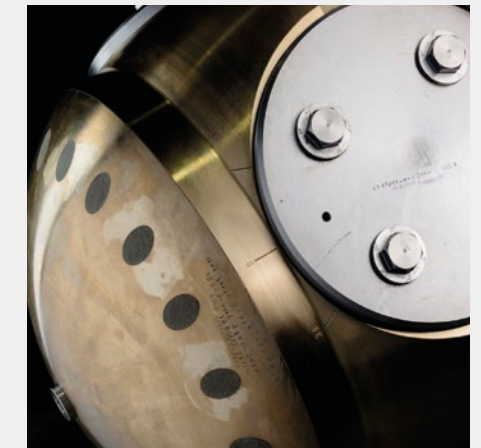
HMF type - fixed-pitch propeller

Type	HMF 4.10	HMF 4.12	HMF 4.14
Power (kW)	70-110-150	150-220-290	290-370-440
Thrust (kN)	11.2-17.6-24.0	24.0-35.2-46.4	46.4-59.3-70.4
Propeller (rpm)	410-480-530	380-440-490	380-415-440
L	920	1.164	1.370
A	430	560	660
B	220	260	310
D	1.000	1.200	1.400
D1	1.056	1.256	1.464



HMC type - controllable-pitch propeller

Type	HMC 10-11	HMC 13	HMC 15-17	HMC 20-22	HMC 24-26	HMC 28	HMC 30	HMC 34
Propeller Diameter (m)	1±1.1	1.3	1.5±1.7	2.0±2.2	2.4±2.6	2.8	3.0	3.4
Installed Power (kW)	100±330	300±500	500±800	750±1500	1400±2400	2500	3000±3500	3000±4000
Propeller Speed (rpm)	490±505	392±471	320±425	280±330	250±315	219	215	190
Propeller Thrust (kN)	30±50	51±70	71±110	120±200	200±295	360	370±400	450±480



dynamic positioning

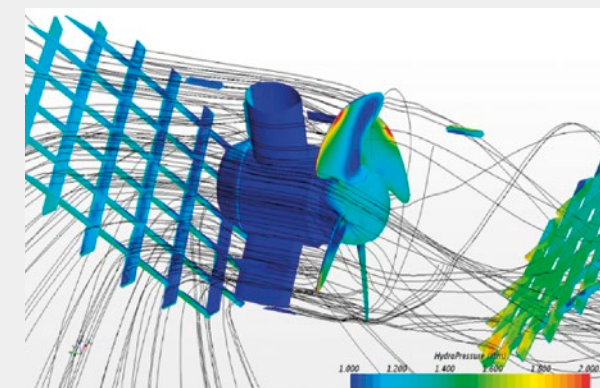
— The advanced DP system (from HMC 26 up) guarantees optimal station keeping and heading.

enhanced comfort on board

— The cutting-edge design allows silent type thrusters to meet the strictest requirements in several applications by providing passengers and crews with optimum comfort on board.

thrusters doors green package

— Tunnel closing hatches provide reduced underwater acoustic signature and drag, by guaranteeing better efficiency and reduced operating costs.



Less Flow Separation → Less Turbulence → Less Noise

