TUNNEL THRUSTERS

Retractable Tunnel Thruster

ISO9001 Supplier

Class Certificate

Export Supply

1. Retractable tunnel thrusters are easily installed transversely in the bow or the stern of a vessel and include a section of the vessel’s hull when in the retracted position. Retracting the tunnel thruster is as sim...



Key Highlights

Category	Tunnel Thrusters
Standard	DIN
Weight / Size	The weight of water in a tunnel thruster’s tube is an often neglected fa...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Tunnel Thrusters	**Model / SKU**	Retractable-Tunnel-Thruster
Standard	DIN	**Weight / Size**	The weight of water in a tunnel thruster’s tube is an often neglected factor that can affect the boat’s performance.
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

CONTENTS

- China Retractable Tunnel Thruster:
- Retractable Tunnel Thruster Exhibit
- Main Technical Specifications

China Retractable Tunnel Thruster:

1. Retractable tunnel thrusters are easily installed transversely in the bow or the stern of a vessel and include a section of the vessel’s hull when in the retracted position. Retracting the tunnel thruster is as simple as clicking a single button that will cause the tunnel thruster to automatically correct its positioning before retracting back into the vessel.

2. Retractable tunnel thrusters are easily installed far forward in the bow whilst still achieving the required immersion depths, even in today's modern performance sailing yachts.
This results in a thruster that has a good turning effect on the boat, often even allowing a unit with a lower thrust rating than its tunnel equivalent to be used with excellent results.

When retracted these units have no effect on the boat's drag and therefore do not reduce sailing performance in light winds.

Furthermore, retractable thruster minimize loss of buoyancy. The weight of water in a tunnel thruster's tube is an often neglected factor that can affect the boat's performance. Retractable bow thrusters minimize this problem as the retractable thruster's box only partially fills with water.

3. Retractable tunnel thrusters inherit all the benefits of a typical tunnel thruster application such as docking, slow speed maneuvering, emergency steering and station keeping at zero or slow forward speed with the added ability of extending down past the bottom of the vessel to assist in controlled, azimuth propulsion.

4. Retractable tunnel thrusters are available in mechanical and hydraulic options.

Main Technical Specifications

Type	CTT010		CTT060		CTT110		CTT160	
Input speed	1470	1170	1470	1170	1470	1170	1470	1170
Frequency(Hz)	50	60	50	60	50	60	50	60
Input power .(KW/h.p.)	63/86	50/68	125/170	100/136	200/272	200/272	280/380	280/380
Max.Thrust(KN)	9.5	7.9	17.5	14.5	28	28	42	42
Length of the simplified.(mm)	1000		1000		1000		1500	
Thickness of tunnel(mm)	12		12		15		20	
Propeller Diameter(mm)	500		630		800		1000/1100	
Weight(kg)	300		430		730		1450	
Type	CTT170		CTT300T		CTT550		CTT1010	
Input speed	1470	1170	1770	1470	1470	1170	1170	970
Frequency(Hz)	50	60	60	50	50	60	60	50
Input power .(KW/h.p.)	420/570	336/457	550/748	550/748	900/1224	725/986	1250/1700	1000/1360
Max.Thrust(KN)	63	51	72	72	125	110	183	155
Length of the simplified.(mm)	1500		1500		2000		2500	
Thickness of tunnel(mm)	20		20		20		20	
Propeller Diameter(mm)	1300		1500		1750		2100	
Weight(kg)	1510		2450		2680		3200	

Retractable Tunnel Thruster Exhibit





