

# Bow Thruster BT 20 S

## Technical Specification data sheet

### DESCRIPTION :

Thruster Series BT has Stainless Steel body with CuNiAl Propeller. Accordingly with the Thruster Size, Propeller may have 3 or 4 blades. Thanks to our "Custom Oriented Policy", we are able to work on Propeller Pitch to reach the better Performances for Your Own Boat.

Our Own Designer has created a perfect All - In - One Unit. The Hydraulic Power goes directly to the Hydraulic Motor without Coupling and Gear Box in between, because the Motor has been built into the Thruster Body.

All these combinations make the Hydro Systems Thruster one of the more Powerful and Reliable System on the Market.

### ADVANTAGES :

#### Cost Effective System = 5 YEARS WARRANTY

After 120 Systems Supplied our Statistical Analysis allow Hydro Systems to extend Warranty time up to 5 Years. The only request will be to follow the *Preventive Maintenance Schedule of the Systems*.

#### Powerful Unit :

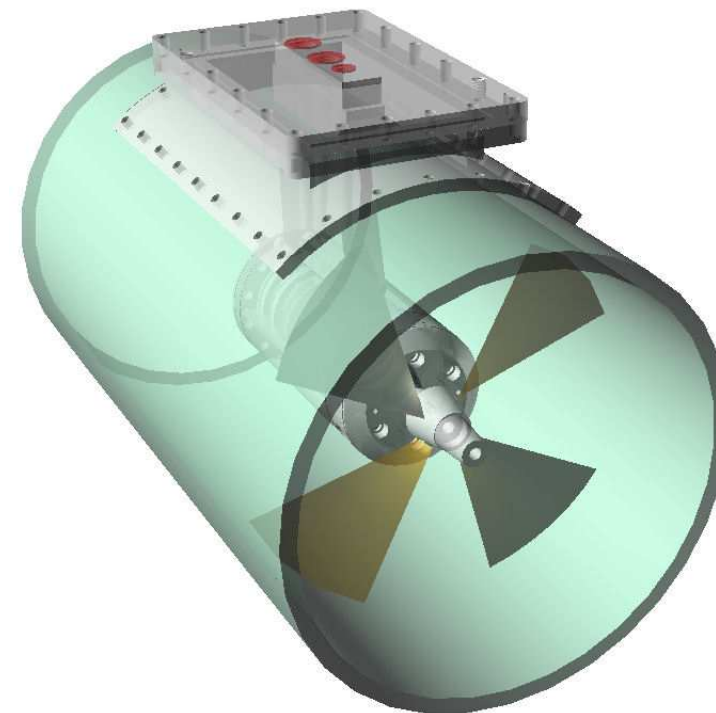
Compared with Competitors, BT Series is Smaller, Lighter and Stronger. Just saving the Power lost on the mechanical transmissions of the External Hydraulic/Electric Motor and the 90° Gear Box of Competitors, we gain up to 5/6% !!!

#### More Comfortable for Your Guest :

No Running Elements outside the Thruster, therefore no mechanical Noise. Noise source will only be the Water Flow through the Tunnel.

#### Easy to Install and Maintain :

Smaller external Space requested ;  
No Compensation Tank ;  
No Lubricating Oil Level to be inspected ;  
No Bearings ;  
Just a Flat Flange to be Connected to the Oil Lines.



### Specification

Ø Int. tunnel	340 mm - (13,38 inch)
Force	2,81 kN
Input Power	25 kW
Weight	30,5 Kg - (67,4 lb)
Boat lenght	Max 22 mt - (72,2 feet)