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### Propeller Calculation Data Sheet

**\*Required data**

Date:

This is an: Inquiry  An Order

Name:\*

Organization:

Address:\*

Town:\*

State:\*

Country:

Zip Code:\*

Phone:\*  Fax:

Email:\*

#### What type of Propeller do you want?

Feathering:\*       Folding:\*

Feathering:\*      2-bl  3-bl  4-bl

Folding:\*          2-bl  3-bl  4-bl

#### Engine Data

How many engines:\*

Manufacturer/Model:\*

Max RPM:\*

HP\* or KW:

Gearbox Model:

Ratio:\* Forward       Reverse

Shaft Diameter:\*  SAE:\* Yes  No

Rotation              RH  LH

SailDrive              Yes  No

**Please describe your vessel**

Manufacturer\*

Model\*

Year of construction\*  Saildrive?\* Yes  No

LOA, ft  LWL, ft\*:

BEAM, ft  DRAFT, ft:

Empty weight in tons:  or lbs.:

Loaded weight in tons:\*  or lbs.:\*

Max Speed knots  at Max.RPM

Cruising speed knots  RPM

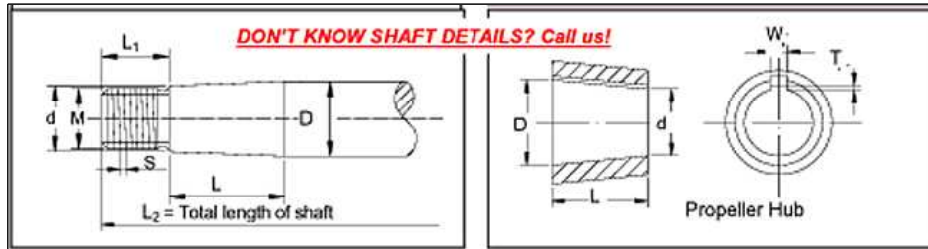
**Only required if not SAE**

Taper measured at Shaft  Propeller:

D =  d =  L =

T (key width) =

Thread (M)  Thread pitch (S)



**Present Propeller\***

Propeller Type: Fixed  Feathering  Folding

Number of blades:

Diameter: inch  mm

Pitch: inch  mm

Direction of rotation R-H  L-H

Fixed 2-bl.  3-bl.  4-bl.

Feathering 2-bl.  3-bl.  4-bl.

Folding 2-bl.  3-bl.  4-bl.

**Type of boat\***

Sail single hull displ

Sail Catamaran

Sail Trimaran

Motorsailer

Other

**Hull Type\***

Displacement

Semi Displacement

Planing

Chine : Round  Hard



Go to our webpage titled "Small Aperture Program" page for full keel boats with small prop apertures.

We also offer full scale FITTING TEMPLATES that you can use to actually "Trial-Fit" a VARIPROP in your aperture. [Please contact us for this service](#)

**METRIC**

C = mm  I = mm

E = mm  J = mm

F = mm  K = mm

G = mm  N = mm

H = mm

**INCH**

C = inch  I = inch

E = inch  J = inch

F = inch  K = inch

G = inch  N = inch

H = inch

**Your Comments and other details**

**ABOUT PROPELLER CALCULATIONS**  
 Please fill in this information list carefully, because the data stated by you gives us the basis for the propeller calculation.

We point out that a calculated propeller is always only a recommendation! A guarantee that the calculated propeller is the "perfect one" cannot be given since even the computer calculation is only theoretical at the optimum. Only a carefully timed and controlled test run will show the actual results.

If the performance does not correspond to the expected optimal conditions, an appropriate revision should be made to the propeller. This may involve changing the pitch or the diameter or (seldom) both.

Consequential expenses like Hauling, Installing and Freight charges are not paid by VARIPROP USA

Or: EMAIL, FAX (or Postal Service) your data to:

VariProp USA - 70 Water Street, Thomaston, ME 04861



Phone: 207 354-0804 FAX 207 354-0387



EMAIL: [varipropusa@rivnet.net](mailto:varipropusa@rivnet.net)

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