STANDARD PROPELLERS

QUALITY AND SERVICE

Our standard propellers are manufactured according to standards ISO484-2 and ISO484-1 in tolerance Class 2.
We can offer these propellers with tighter tolerances, Class 1 or Class S upon request.
All our propellers are statically and could be dynamically balanced for specific applications (high speed) or on request.

If required, we can manufacture propellers following standards form classification societies standards (Bureau Veritas, Lloyd's Register, ABS, RINA, RMRS, etc ...).

We take care of:

- Propeller design according to the applicable norms
- Submission of drawing for approval by the classification so ciety
- Provision of a 3.1 or 3.2 material certificate for factory inspec tion
- Final plant inspection with the classification society
- Provision of inspection certificate from classification society

All propellers are marked with a unique serial number, enabling complete traceability of the latter, both on the quality of the material as its design.

MATERIAL

Our standard propellers are made of manganese-bronze (HTB1) for pleasure applications or when high resistance to electrolytic phenomena and cavitation is not especially required.
For professional applications or for aluminum hulls we offer our range of propellers in Aluminium Bronze (AB2).
This material allows:

- To reduce blade sections to increase the efficiency of the propeller
- To absorb more power with equal section from its high mechanical properties
- To resist much more electrolysis phenomena due to its specific chemical composition

Although these two materials cover all marine applications, on request we can produce aluminum propellers or stainless steel.

BUREAU VERITAS · GL Germanischer Lloyd · Lloyd's Register · DNV

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HYDRAQUAD 4.69

DIAMETER		PITCH (Inch)		SHAFT Ø	Ref.
Inch	mm	MIN	MAX	MAX mm	
15	381	10	19	30	**HJH150**
16	406	11	22	35	**HJH160**
17	432	11	23	35	**HJH170**
18	457	11	26	35	**HJH180**
19	483	14	27	35	**HJH190**
20	508	13	30	35	**HJH200**
21	533	13	30	40	**HJH210**
22	559	17	30	40	**HJH220**
23	584	17	30	45	**HJH230**
24	610	18	30	45	**HJH240**
25	635	20	22	55	**HJH250**
26	660	21	34	55	**HJH260**

Other dimensions on request

The ideal compromise between HYDRAPOISE 3.55 and HYDRAQUAD 4.73, the HYDRAQUAD 4.69 is particularly adapted when the engine power does not require a great blade area ratio and when smoothness is essential. The HYDRAQUAD 4.69 can be manufactured from either high tensile manganese bronze or nickel aluminium bronze.

SUPPLEMENTS :

- Prix en Cupro nickel aluminium
- Ratio pas/diamètre non standard
- Cône non ISO
- Diamètre de moyeu hors standard
- Pales épaisses
- Trous d'extractions
- Réalisation de cup ou skew sur type D - H ou R

PARTICULARLY ADAPTED WHEN
THE ENGINE POWER DOES NOT REQUIRE A
GREAT BLADE AREA RATIO AND
WHEN SMOOTHNESS IS ESSENTIAL

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