



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 society
- ➔ Provision of a 3.1 or 3.2 material certificate for factory inspection
- ➔ 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.





HYDRAPOISE 3.55

DIAMETER		PITCH (Inch)		SHAFT Ø	Ref.
Inch	mm	MIN	MAX	MAX mm	
12	305	8	12	25	HJD120
13	330	9	13	30	HJD130
14	356	10	14	30	HJD140
15	381	10	15	30	HJD150
16	406	11	16	30	HJD160
17	432	12	17	30	HJD170
18	457	12	18	40	HJD180
19	483	13	19	40	HJD190
20	508	14	20	40	HJD200
21	533	15	21	45	HJD210
22	559	15	22	45	HJD220
23	584	16	23	50	HJD230
24	610	17	24	50	HJD240



Other dimensions on request

The HYDRAPOISE 3.55 is considered the « industry standard» for medium speed boat inboard cruisers and it is designed for applications where smoothness and performance are essential. With a disc area ratio of 55%, it can be used on displacement craft when the power is considered too high for the HYDRAPOISE 3.45. The HYDRAPOISE 3.55 can be manufactured from either high tensile manganese bronze or nickel aluminium bronze.

SUPPLEMENTS :

- Aluminium Bronze Material
- Non standard pitch/diameter ratio
- Special Boss
- Non Standard hub diameter
- Non standard blades thickness
- Extracting Holes
- Cup or skew on typ D - H or R

**CONSIDERED AS THE « INDUSTRY STANDARD»
 FOR MEDIUM SPEED BOAT INBOARD
 CRUISERS
 WHERE SMOOTHNESS AND PERFORMANCE
 ARE ESSENTIAL**