

HB PORAQUÊ & HB ENGUIA

Hybrid Pusher Tugs

BELOV



HB Poraquê and **HB Enguia** are the world's first hybrid pusher tug and were elected The Best Medium Pusher Tugs in 2023 by *BAIRD Maritime* (Work Boat World Award). Both are now serving *Hidroviás do Brasil*.

REGISTRATION

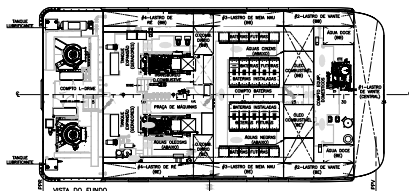
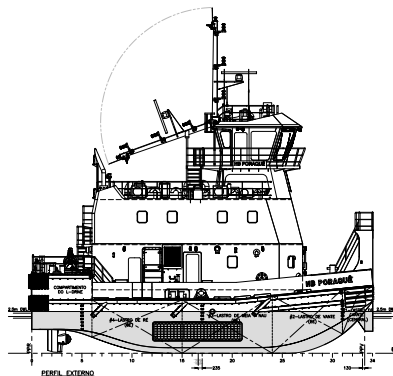
Vessel Name: BELOV Enguia

Type: Hybrid Pusher

Class: DNV-GL – ✕A1, (Z), IN(0.6),
PUSHER, BATTERY POWER
AMAZON/EO, BIS

Year: 2022

Builder: BELOV Offshore Industrial Ltda.



MAIN PARTICULARS

DIMENSIONS

Length overall	20.40 m
Moulded breadth	10.00 m
Depth	3.20 m
Draught	2.50 m

CAPACITIES

Fuel oil	40.00 m ³
Fresh water	10.00 m ³

ACCOMMODATIONS

Accommodation for	10 POB
Cabins	6

1 mess room, laundry, galley, stores, change room.

Accommodations designed and constructed according to international standards set by classification societies, using high-strength materials and imported lining panels.

OPERATION

MACHINERY

Caterpillar generator (Main)	2 x 565 kVA
Azimuthal Thrusters	2 x 380 Kw
Eletrical Storage Bank	600 kW

PERFORMANCE

Trial speed	8,5 knots
Economic speed	7 knots
Bollard Pull	12 t

EQUIPMENT & ELETRONICS

DECK EQUIPMENT

Windlass	2 t
Capstan	3 t
Anchor	270 Kg

ELETRONICS

Ghz Radar, GPS, Magnetic Compass, Satellite Compass, Autopilot, Rudder Angle Indicator, Echo Sounder, Fixed and Portable VHF, AIS, DGPS and Speed Log.

ALARM & MONITORING SYSTEM

AMS (MCA & MCP sets, open doors and compartments), equipments status and tank level indication, IHM Touch Screen and CCTV.

SAFETY EQUIPMENT

Life raft: 1 x auto inflatable for 10 people each
Life vests: 10 x class 3
Fire-fighting pump 2 x 15 m³/h
Emergency fire-fighting pump 1 x 15 m³/h

GENERAL EQUIPMENT

Black water/ballast pump	2 x 15 m ³ /h
Bilge water separator	1 x 0.5 m ³ /h
Sewage treatment unit	2.500 L/day

PHOTO GALLERY





www.belov.com.br

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Canteiro Marítimo de Mapele - CMM

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Simões Filho - BA • CEP: 43727-050
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Base Guapimirim

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Base Macaé

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