

Doeve Brokers/Valuurs vof
Sworn & EMCI Certificated Brokers
& Valuurs S&P Yachts & Ships

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Former Waterway authorities / Sailing
residential vessel 23.23, ES-TRIN Rhine
certified

€ 224.500,--

VAT not applicable

Dimensions (m) 23.23 x 5.22 x 1.75
Mooring Near Utrecht, Netherlands

Ref. no. 260107
Year 1964
Material steel

Vision Doeve Brokers

On January 14, 1965, this vessel, now in use as a cruising liveaboard vessel, was commissioned by the Dutch Directorate-General for Public Works and Water Management (Rijkswaterstaat). The vessel was deployed in support of the Delta Works and for hydrographic operations in the Northern Netherlands. Operating from her home port of Delfzijl, it carried out hydrographic surveys, including measurements and observations of the seabed and hydrodynamic conditions. After being decommissioned in 1998, the Dr. Ir. Johan van Veen has been permanently inhabited by the subsequent two owners and was adapted for residential use in several areas, including the installation of a wheelchair lift to the lower deck. The vessel has three cabins, a spacious salon/mess with open-plan galley, a bathroom, a comfortable wheelhouse with excellent all-round visibility, and a generous aft deck. The aft deck was previously also used to accommodate a container with survey/measurements equipment. In our view, this is a robust and well-converted vessel suitable for

permanent habitation. She has already been registered for the Ship Carousel scheme, while remaining suitable for alternative operational use. During her active service, the vessel was operated by the Dutch water authority up to 12 nautical miles offshore, in conditions of up to Beaufort force 8. Of particular note is that the vessel holds valid certification for navigation on the River Rhine.

General information

Yard:	Shipyard Fa. H. Schouten, NL-Muiden
Hull shape:	round bilged
Hull material:	steel
Deck material:	steel
Superstructure material:	aluminium superstructure
Construction method:	welded
	rubbing strake around
	bulwark
	flare shape bow
	closed bollard cabinets
	Sturdy, heavily constructed
	3 watertight bulkhead(s)
	1 watertight bulkhead(s) with watertight door(s)
	canoe stern
Keel:	bilge keels
Steering system:	hydraulic
	wheel
	& electric steering
Windows:	aluminium windows frames
	single glass
Displacement (approx.):	74 GT
	22 NT
	80 metric tons
Airdraft (approx.):	5,50 m everything down
Owner:	Dutch owner
Registration:	Dutch registered
	B-registered
	Costs for the change of ownership and / eventually deletion are for purchasers amount.
Colour / Paint System:	black hull
	black bulwark
	yellow superstructure
	see photographs
	last underwatership treatment 07-2021
Certificates:	inland waterways certificated (TRI WV / ES-TRIN)
	zone 3
	zone 4
	zone R (Rhine)
	zone 2 Netherlands
	valid until: 10-2028
Suitable for / as:	suitable as a year round live- aboard
	inland waterways
	coastal waters
	recreational vessel
	inspection vessel
	ROV carrier
	diving (vehicle) support vessel
General information:	Hand over in consultation.

Old age clause applicable.

Additional information:

forepeak with chain locker

spacious aftdeck

Specified length is between bow and stern.

Hull shape is suitable for drying out.

Great vessel for cruising on the European canals and rivers.

Great vessel for cruising on the coastal waters.

Technical information

Enginepower:

232 Hp

171 kW

Engine brand:

GM Detroit

Revolutions:

1800 RPM

Engine model:

8V71

Number of cylinders:

V8

Construction year engine:

1976

Overhaul engine:

1990 reconditioned installed

Running hours (approx.):

20640 on the hour counter

Fuel:

diesel

Fuel tank (approx.):

3000 litre

3 steel tank(s)

Cooling system:

closed

cooling pipes

Propulsion:

4 blade propeller

oil bath propeller stern tube

Gearbox:

Carterpillar by Twin Disc MG-509 hydraulic

Speed (approx.):

12 km/hour cruising speed at 1200 RPM

18 km/hour top speed at 1800 RPM

Heating:

Kabola B25 central heating

on diesel

& stove on wood

Engine instruments:

alarm system

Bow thruster:

HRP hydraulic bow thruster

proportional

30 kW

Electricity system:

24 / 230 / 400 Volt

230 Volt shore power connection

400 Volt shore power connection

Batteries:

2x 225 Ah starter batterie(s)

625 Ah traction batterie bank

625 Ah traction batterie bank

2 emergency batterie(s)

2x Victron BMV 700 battery monitor

Battery charger:

2x Victron Skylla-TG battery charger 24/80

Isolation transformer:

2x isolation transformer

Genny:

Perkins diesel genny

60 kVA, 230/400 Volt

1500 RPM

14050 running hours (approx.)

Inverter:	Victron Phoenix inverter 24/5000
Solar panels:	4x 235 Wp solar panel
	Victron BlueSolar MPPT charge controller 100/50
Fresh water tank (approx.):	2200 litre
	1 steel tank(s)
	cemented tank(s)
Water pressure system:	DAB hydrophore pump
Hot water system:	boiler/water calorifier (400 Volt)
Holding tank (approx.):	1 grey water tank(s)
Diesel waterseparator:	present
Bilge pump:	electric pump
	400 Volt
	with manifold
	also deckwash pump
Deck wash pump:	1x electric pump
	230 Volt
Gas system:	yes, bottle(s) in bottle box
Additional information:	air compressor
	partly LED lightning
	spare propeller

Accommodation

Interior:	various materials have been used
	see photographs
	suitable for living on board
Insulation:	available
Cabins:	3 cabins
Berth:	Forward: 1x 2-pers & 1x1-pers
	Starboard cabin: 2x 1-pers
	Portside cabin: 1x 1-pers
Lay-out plan (not to scale):	see attachment
Bathroom:	shower
	thermostat tap
	washbasin with mixer tap and hot & cold running water
	in 1 area together with the toilet
	& cabins with wash basin with hot & cold running water
Toilet / Heads:	toilet in bathroom
Galley:	U-shape galley
Cooker:	4-burner hob
	stainless steel
	on gas
	cookerhood
Fridge / Refrigerator:	present
	230 Volt
Freezer:	present
	230 Volt
Washbasin:	stainless steel sink
Water tap:	mixer tap with hot & cold running water
Headroom (approx.):	wheelhouse (approx.) 2,14 m

	corridor / walkthrough (approx.) 1,98 m
	bathroom (approx.) 2,00 m
	ownerscabin (approx.) 1,96 m
	corridor / walkthrough (approx.) 1,98 m
	cabins (approx.) 1,97 m
	salon (approx.) 1,94 m
	galley (approx.) 1,92 m
Additional information:	washing machine
	The vessel will be delivered as without the private goods like furniture, clothing, artwork and tools.
	wheelchair lift

Navigation equipment

Navigation equipment:	Sailor RT2048 VHF
	Sailor 144 VHF
	Em-Trak A200 Automatic Identification System (AIS)
	Furuno GPS
	Nasa Sting Ray depth / echosounder
	Bouyer PC 1106 intercom
	search light
	clearviewscreen
	window wiper
	Cobra HH350 portable VHF
	rudder indicator
	Raymarine autopilot &
	follow up steering &
	flashing light
	navigation lights
	blue board with oscillating light
	ships bell

Rigging and sails

Mast:	lantern mast
	aluminium
Lowerable:	yes
	hydraulic

Equipment

Anchor equipment:	Ridderinkhof hydraulic anchor winch
	Pool anchor
	anchor chain
	in hawse-hole
Boarding ladder:	present
	aluminium
Searail / Pulpit:	guardrail around aftdeck
Safety:	life buoys

	life jackets
	fire extinguishers
	according to the certification requirements
	fire blanket
Additional information:	HIAB crane
	aluminium gangway
	deck lights
	steering chair
	Survey report of the underwatership is available (07-2021)



















