

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) |

















