

Doeve Brokers

yachts & ships



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



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	Ref. no.	260107
Mooring	Near Utrecht, Netherlands	Year	1964

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 underwater treatment 07-2021
Certificates:	inland waterways certificated (TRIWV / 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:	Caterpillar 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)



















