

# KNIERIM JV 52

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“BANK VON BREMEN”



Yacht Name:	Bank von Bremen	Model:	Knierim jv52
LOA:	16.24 m	Year:	2006
LWL:	13.85 m	Builder:	Knierim Yachtbau
Beam:	4.41 m	Designer:	judel/vrolijk & co
Draft:	3.30 m	Construction:	GRP-Sandwich-Epoxy
Displacement:	12,600 kg	Accommodation:	8 (12) berths in 3-cabins
Ballast:	5,000 kg	Engine:	Volvo Penta D2-75
Location:	Cruising	Price:	Euro 295.000 excl. EU VAT
Broker's Comment:	SY "BANK VON BREMEN" is a cruiser-racer with well proven long distance capabilities. The yacht is operated by the comradeship "SKWB" – "Segelkameradschaft das Wappen von Bremen e.V." a non-profit organization which supports young people to get experience in blue water cruising and racing. The "BANK" is very well equipped and constantly upgraded to fulfil the organizations requirements.		

#### DESIGNER'S COMMENTS:

##### Technical Concept

The jv 52 BANK VON BREMEN is planned as a modern "Long Distance Performance Cruiser" for a sailing comradeship. She will be mainly used for long distance cruising and racing around the world. The "BANK" was built by Knierim Yachtbau in Kiel, a high-tech composite boatyard at the Kiel-Channel. To ensure both, fast cruising as well as competitive racing the yacht is built in GRP with Epoxy resin and sandwich foam core. The "BANK" is fitted with a 11/12 three spreader carbon rig with back stay for easy handling. There is the option for either Spinnaker or Gennaker. The deck layout is designed for 10-12 crew with a large cockpit with 8 winches. The main engine is a 75 hp Volvo-Penta with 3-blade folding propeller.

##### Interior

The interior is planned for 10-12 crew. In the bow section as well as the two aft cabins are fitted with beds and bunks (8 in total). In the salon are two pilot berth and also the sofas can be used for sleeping. The galley is located to port aft of the saloon., equipped with gas stove, large fridge and sufficient storage space for 10-12 crew. The navigation area is opposite of the galley to starboard and fitted with modern navigation and communication equipment. Beside the engine compartment is to starboard the head and to port utility room for foul weather gear and sailing equipment.

##### Construction Method

To achieve a light and durable hull only GRP with Epoxy resin cured and tempered vacuum was used. Mast and Boom are built Hall Spars in Carbon fibre.

#### KNIERIM OVERVIEW:

Yachts made by Knierim – as individual as their owners

Knierim is a traditional boat yard founded in 1965 by Günter Knierim. During the following years, the company constantly grew and made a name for itself even beyond the German borders. In 2000 the boat yard was handed to over to Günter Knierim's son Gunnar. Two years later business man and experienced offshore sailor Steffen Müller joint the company with the first new build project, a 86ft IRC racer, the then largest German ocean racer. At the same time Knierim Yachtbau moved to a new location directly at the Kiel Canal.

Since the beginning Knierim is specialized in high tech boat building, always looking for the best possible materials and technologies. Consequently in 2004 Knierim Tooling was founded to operate 3 huge milling

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machines to produce master plugs and moulds for all kind of composite parts, like boats, rotor blades for the wind industry, deck furniture for mega yachts and many more.

In the past years some prestigious projects have been launched at Knierim like the first German America's Cupper GERMANY 1 (2006), the jv STP 65 CONTAINER (2008), the jv 60' UCA (2009), the very successful 51' VARUNA (2012) and the 65' IRC racer CARO (2013). Also several performance cruisers of 49ft, 53ft and 60ft have been built as well as some motor yachts of 33ft and 36ft. Most famous was the solar catamaran project TÛRANOR PLANET SOLAR (2010), a 31 meter long and 15 meter wide boat made of carbon with decks completely covered with solar cells. They delivered the power for the 2 engines that propelled the boat around the world.

Beside building boats Knierim offers winter storage in 2 large tempered halls, and uses its expertise from new boat building for excellent repair and refit work, for paint jobs, and for preparing race boats for the next regatta event. The facilities at the Kiel Canal with an own mobile crane are ideal to serve customer needs, whatever it is.

## CONSTRUCTION

### RCD Status:

- RCD Status: The yacht conforms with the essential safety requirements of Directive 94/25EC (Recreational Craft Directive) and is categorised A – "Ocean"

### Hull Construction:

- Hull is built in GRP-Sandwich using only Epoxy resins
- Hull painted AWL-Grip Off-White
- GRP structure with PVC-foam-core

### Deck & Superstructure Construction:

- Deck is built in GRP-Sandwich using only Epoxy resins.
- Deck is filled and faired and varnished in Awl-Grip Off White. Side decks are varnished with non-skid surface. Deck repainted 2018

### Keel & Rudder:

- Spade Rudder
- Fin keel with lead T-bulb

## MACHINERY

### Engine & gearbox:

- VOLVO-PENTA 75 hp, replaced 2016
- Saildrive
- Racor double fuel filter

### Maintenance & performance:

- Engine hours: approx. 2,180 as of March 2018
- Engine serviced annually

### Propulsion & Steering:

- GORI 3-blade folding propeller with overdrive
- 2x steering pedestal JP3 GRP
- 2x Aluminium Steering Wheels covered in leather
- Aluminium Quadrant with V2A steering cables

- JP3 Rudder Bearings
- Aluminium Rudder stock
- Emergency Tiller

## ELECTRICAL SYSTEMS

### Voltage systems:

- 12vDC domestic systems with 220vAC via shore-power

### Battery Banks:

- 12vDC start battery – approx. 135Ah
- 12vDC service batteries –4x approx. 135Ah (new 2016)

### Charging:

- Automatic Battery charger 80A

### Inverter:

- 12/220v, 1kW Inverter

### Alternator:

- 2x 12v engine mounted alternators, 100Ah

### Other Electrical:

- Switchboard
- Battery monitoring
- Fuel and Water tank gauges
- 4x 220v sockets
- 8x 12v sockets
- NMEA Interface with optocoupler

## PLUMBING & GAS SYSTEMS

### Fresh Water:

- Fresh Water tank capacity approx. 500 l
- Water filter
- Water pressure system with outlets in head and galley

### Watermaker:

- Katadyn PowerSurvivor 160E Watermaker 12v
- Watermaker serviced regularly
- ca. 25l/h

### Bilge Pumps:

- 1x electric bilge pump, Whale Gulper 220
- 2x manual bilge pumps

## TANKAGE

### Fuel:

- ca. 300 litre fuel capacity, S/S

**Fresh Water:**

- ca. 500 litres water capacity in two tanks

**Holding tanks:**

- 1x black water tank
- 1x grey water tank

**NAVIGATION & COMMUNICATION EQUIPMENT**

- B&G Hydra 2000
- 5x 20/20 Displays on mast
- 3x FFD Displays (2x in cockpit / 1x at nav station)
- Wind indicator
- Speed and Depth transducer
- 1x Halycon Compass
- Marine PC
- i-COM VHF
- i-COM IC-R75 Weather Receiver
- Skipper 150 Satellite Telephone
- Raymarine E80 Chartplotter
- Raymarine Radar
- AIS Class B
- Furuno GPS

**DOMESTIC EQUIPMENT****Galley:**

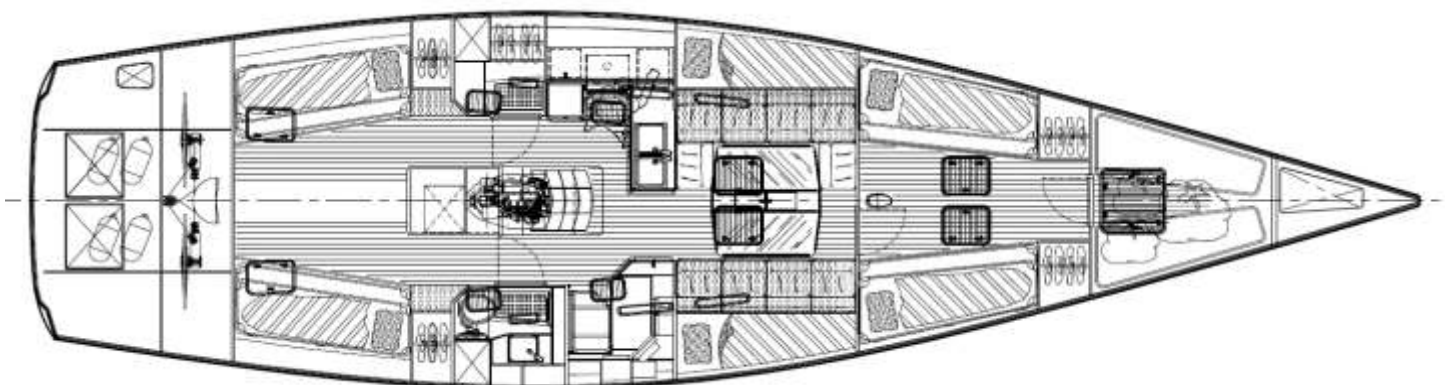
- Inox stainless steel gas stove
- Isotherm ASU refrigeration system with twin top-opening stainless steel lined fridges and freezers
- Stainless steel double sink
- Manuel and pressurised water
- 100 liter stainless steel fridge, toploader
- Waste bin

**Head:**

- 1x manual toilet
- Washing basin with pressurised water

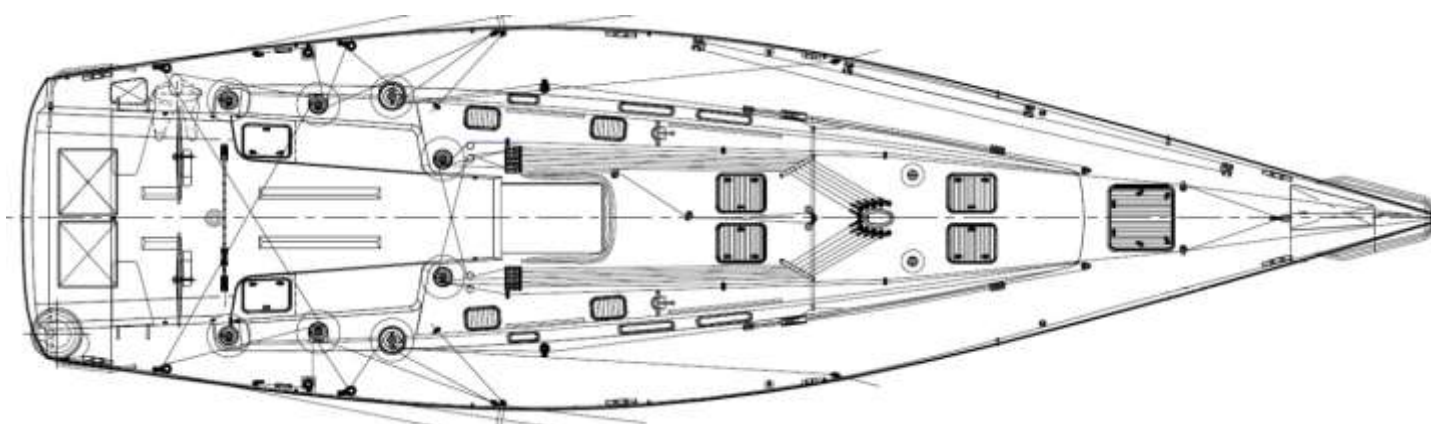
**Ventilation:**

- 9x deck hatches
- 6x openable port lights

**ACCOMMODATION**

**Summary of Accommodation:**

- 8 berth (bunks) in in three cabins plus 2 pilot bunks in saloon.
- 1 head with toilet and washing basin
- Forepeak sail locker accessible from deck or through forward cabin
- Saloon with large (folding) table and long benches with pilot bunks
- Single Companionway
- L-shaped galley to port
- Sail cloth and storage cabin to port aft of Galley
- Head to starboard
- Forward facing chart table positioned in front of head
- Stern storage with access via deck hatches

**DECK EQUIPMENT****Rig:**

- Hall Spars clear coated carbon fibre mast and boom, painted 2018
- Three sets of swept-back spreaders
- Mast steps at base of mast
- Stainless steel rod standing rigging
- Sheets and halyards regularly updated
- Composite chainplates
- Spinnaker Pole carbon
- Spinnaker track on mast
- Tuff Luff
- Navtec hydraulic backstay tensioner

**Winches / Deck Equipment:**

- 1 x Lewmar Size 3 Traveller System
- 2 x Genoa track Size 3
- 2 x Lewmar 66.2 AST winches
- 6 x Lewmar 54.2 AST winches

**Sails:**

- See additional sails inventory

**Covers & Canvas:**

- Dodger for companionway

**Anchoring & Mooring:**

- 1 x removable anchor fitting
- Anchor

**SAFETY EQUIPMENT****Lifesaving equipment:**

- 2x 6-man liferafts on deck
- Lifesling
- 13x life west with MOB1 Ocean Signal AIS
- EPIRB

**Fire control:**

- 3x 6kg Foam fire extinguishers
- Fire blanket
- Remote Gas switch

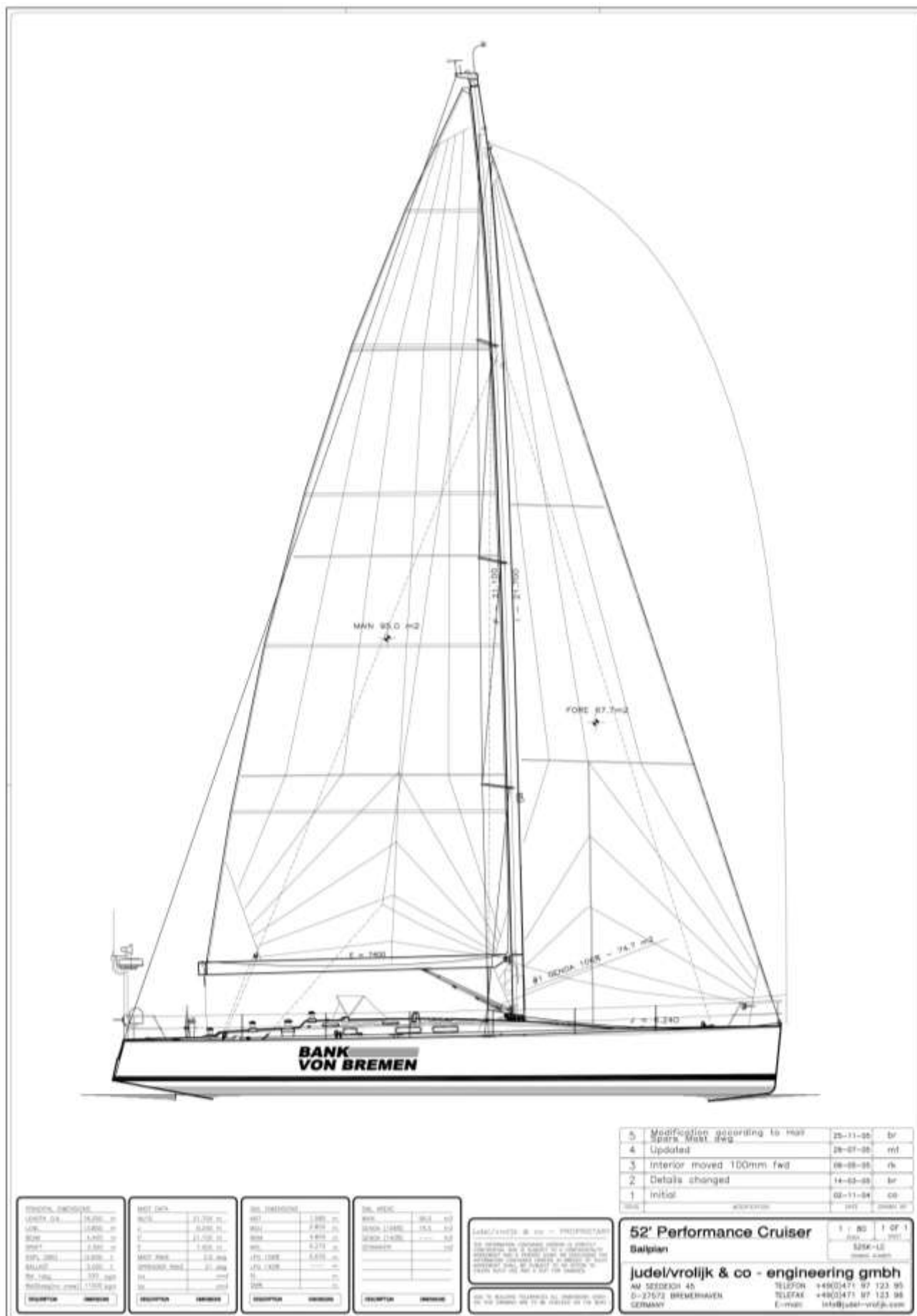
**VIEWING ARRANGEMENTS****Germany**

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