



DAMEN SEARCH AND RESCUE 1906

SELF-RIGHTING & ALL WEATHER

GENERAL

HULL MATERIAL	Aluminium
SUPERSTRUCTURE	FRP Composite
BASIC FUNCTIONS	Search and Rescue
DESIGN	KNRM/De Vries Lentsch/DAMEN
CLASSIFICATION	Lloyds Register * 100 A1, SSC, Patrol, HSC, G3 [*] LMC Self-righting

DIMENSIONS

LENGTH O.A.	19.30 m
BEAM O.A.	6.55 m
DEPTH AT SIDES	1.90 m
DRAUGHT MAX	1.10 m

CAPACITIES

FUEL OIL	4.90 m ³
CREW	4
SURVIVORS	120
RANGE AT FULL SPEED	300 nm

SPECIAL FEATURES

STABILITY	Self-righting
DAMAGE STABILITY	2 compartment 50% bottom damage 2 separated engine rooms

PERFORMANCES (TRIALS)

SPEED	31 knots
MAX. BOLLARD PULL	7 tons

PROPULSION SYSTEM

MAIN ENGINES	2x MTU 8V2000 M84L
TOTAL POWER	1790 kW (2400 bhp) at 2450 rpm
GEARBOXES	2x ZF 2000
PROPULSION	2x Hamilton 570

ELECTRICAL EQUIPMENT

NETWORK	230/50 Hz, 24V/DC
---------	-------------------

DECK LAY-OUT

ANCHOR EQUIPMENT	1x Fortress FX125, 10m chain, 70m line
TOWING	Towing bollard on aft deck
FENDERING	Custom made 900x450mm foam filled

LIFE SAVING EQUIPMENT

RESCUE PLATFORM	3.50 m at the stern, hydraulic driven
LIFE RAFT	1x 6 persons
FIRE EXTINGUISHERS	6, CO ² and AFFF types
RESCUE	2x Stretcher transport system

AUXILIARY EQUIPMENT

ENGINE ROOM AIR INTAKE	Open during roll-over
GENERAL SERVICE PUMPS	24V submersibles
FUEL SYSTEM	1 Header tank, roll-over proof
EXHAUST SYSTEM	Duplex steel, with water injection

ACCOMODATION

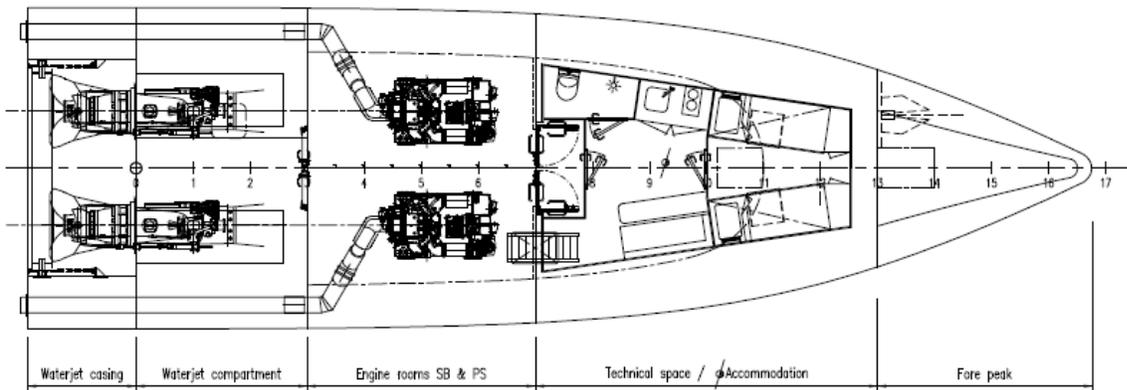
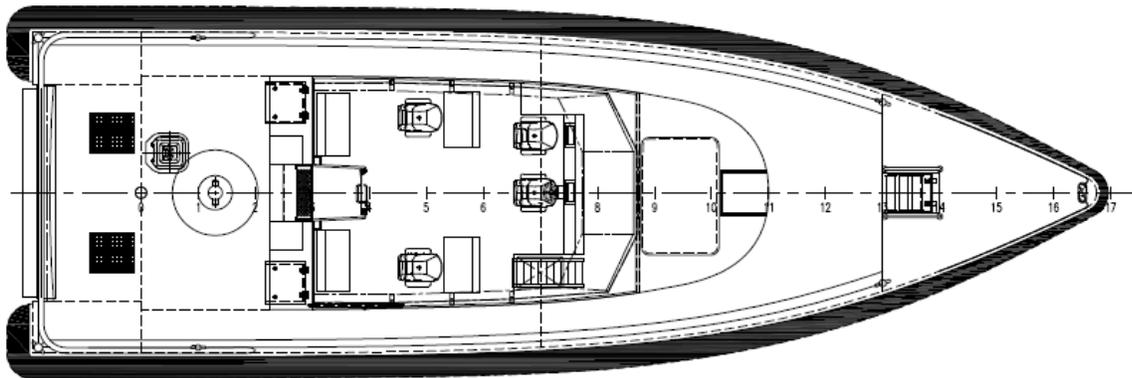
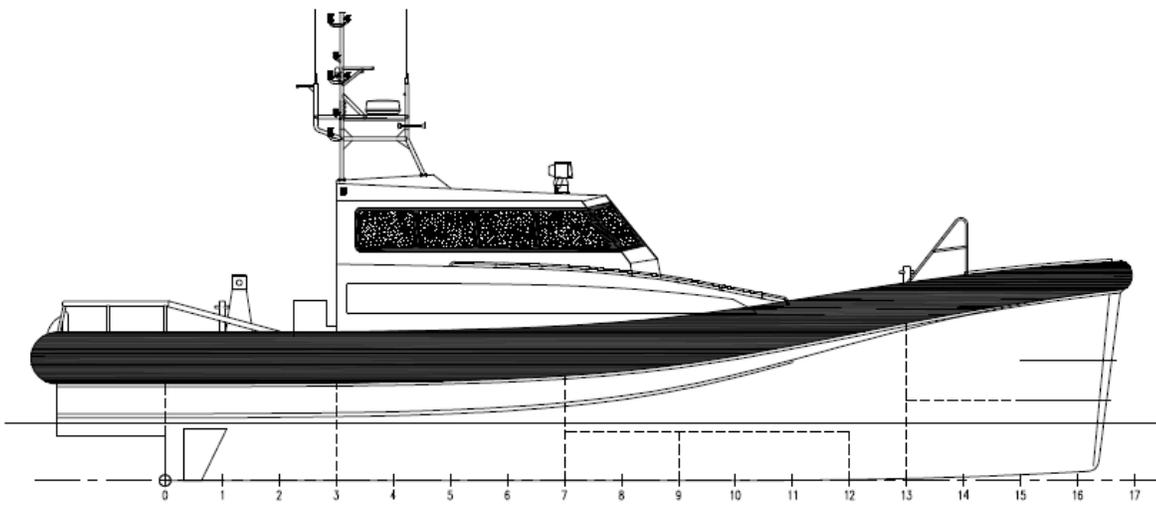
BELOW MAIN DECK	Large technical space, two bunks, sanitary space and pantry
WHEELHOUSE	4x Norsap seats, dashboard, desks and bunks
SEATS	Ullman Biscaya jockey seats

NAUTICAL, SURVEILLANCE AND COMMUNICATION EQUIPMENT

SEARCHLIGHTS	Remote controlled
NAVIGATION SYTEM	Raymarine C120 series with radar, gps, chart plotter, echo sounder and two displays
COMMUNICATION	GMDSS A1

OPTIONALS

FLYING BRIDGE	Half height platforms behind wheelhouse
WINDOWS	Electrical heated front windows
WINDOWS	Extra strong 3 layered front windows
PROPULSION	Delayed stop of engines during roll-over (30 sec), to keep engines running during roll-over
FUEL SYSTEMS	Separate systems for each engine
COMFORT	AC system with hydraulic powered compressor
TOWING LINES	1x220m, 1x110 32mm Tipto Twelve R-2
SALVAGE PUMPS	2x 60 m ³ /h Hatz pump
NAVIGATION	Second radar
	Thermal imager
	Colorlight 2x 250W searchlight
COMMUNICATION	GMDSS A2



DAMEN SEARCH AND RESCUE 1906

SELF-RIGHTING & ALL WEATHER

DAMEN

DAMEN SHIPYARDS GORINCHEM

Member of the DAMEN SHIPYARDS GROUP



Industrieterrein Avelingen West 20
4202 MS Gorinchem

P.O. Box 1
4200 AA Gorinchem
The Netherlands

phone +31 (0)183 63 99 11
fax +31 (0)183 63 21 89

info@damen.nl
www.damen.nl