DAMEN SCHELDE NAVAL SHIPBUILDING
JOINT SUPPORT SHIP “KAREL DOORMAN”

GENERAL
Yard reference 412
Customer Royal Netherlands Navy
Basic functions RAS/FAS, Sea Basing, Strategic Transport,
Disaster Relief, Training.
Classification Germanischer Lloyd, SOLAS and MARPOL
compliant.

NAVAL FEATURES
Shock resistant, Blast bulkheads, NBCD citadel, Degaussing system,
RCS-, Underwater Noise- and Magnetic Signature Reduction

DIMENSIONS
LOA 204.7 m
Beam mld 30.4 m
Draft design 7.8 m
Depth to n°1 deck 18.6 m
Displacement full load approx 27000 tonnes

PERFORMANCE
Service speed 18 knots
Range at 15 knots 10000 nm

PROPULSION SYSTEM
Diesel-electric propulsion system
Generator power 24,900 kW
Propulsion power 17,800 kW
Propellers 2 x FPP
Bow-thruster 2 x FPP
Stern-thruster 1 x FPP

TRANSPORT CAPACITY
RoRo space approx 2350 m²
Lanemeters approx 2000 m
Ammunition. Store 730 m²
Store 1000 m²
F76 7700 m³
F44 1000 m³
FW 400 m³

Flight deck with 2 spots for a Chinook helicopter
Night Vision Compatible helicopter landing aids
Ground Power Units (Helicopter Start & Service Power)
Hangar space for 2 x Chinook size helicopters in the fully spread
condition, space for 6 x Chinook size with blades folded.

ACCOMODATION
Air-conditioned spaces for 300 crew and special personnel consisting
of cabins, stores, galley, mess rooms and sanitary spaces.
A fully equipped role 3 hospital.

WEAPONS & SENSOR SUITE
Radar systems extensive radar suite for both surface-to-surface
and surface-to-air surveillance, IFF, IO-detecti-
on System
Communication LF/MF/HF/VHF/UHF Transceivers, Satcom
system, GMDSS, MHS., Internal communication
system, LAN (secure and civil)
Weapons 2 x Goalkeeper CIWS
4 x SRBOC launchers
2 x 30 mm remote controlled force protection gun
4 x .50 remote controlled medium caliber gun

NAUTICAL EQUIPMENT
GPS, Integrated Bridge System, echo sounder, power- and ship’s
management system with integrated ECDIS, Nav-radars I&F (2 x),
(W)AIS

EQUIPMENT
2 x Dual purpose RAS equipment according to Stanag
Stern quarter ramp 100 ton
3 x 50 m³/day RO-units
2 x Fast Rib
2 x LCVP
1 x Deck Crane 40 t
2 x Store elevator
1 x Ammunition elevator
1 x Platform elevator

Flankausführung und Zentralbaukasten,abus,-Akkumulator und
Magnet-Signaturminderung.