FCS 4208 PATROL
STANDARD

GENERAL
Hull material: Aluminium
Superstructure material: Aluminium
Basic functions: Patrol duties / Maritime safety / Securing economical waters & coastal boundaries / Search and rescue
Classification: Bureau Veritas

Light ship / Fast Patrol Vessel
Sea Area 3

DIMENSIONS
Length overall: 43.2 m
Beam overall: 8.3 m
Depth at sides: 3.5 m
Draught: 2.5 m
Deadweight max: Up to 150.0 t
Cargo deck area: 120.0 m²
Deck load: 2.0 t/m²
Deck cargo: 80.0 t
Gross tonnage: 285
Crew: Up to 12 persons
(Security) personnel: Up to 12+ Ø8 persons

TANK CAPACITIES
Fuel oil: 112.0 m³
Fresh water: 40.0 m³
Sewage: 3.8 m³
Bilge water/ dirty oil: 1.9 m³

PERFORMANCES
Speed: Up to 27.0 kn
Range at max speed: Up to 2,900 nm

PROPELLSION SYSTEM
Main engines: 3x Caterpillar C32 TTA
Total Power: Up to 3,580 kW
Gearboxes: 3x Reintjes WVS series
Propulsion: 3x Fixed pitch propeller
Bow thruster: 1x 75 ekW, electrically driven

ELECTRICAL EQUIPMENT
Network: 24V DC, 230V/400V 50Hz AC
Generator sets: 2x 99.0 ekW
Note: Delivery of vessel and/or equipment may be export controlled

Deck Lay-out
Anchor equipment: 1x 138 kg SHHP Pool TW, chain, electric winch
Fendering: Aluminium fender on deck level, tyre fender at sides and transom

SHIP SYSTEMS
Ship systems are according to Class
Fuel filtration: 1x Filter separator
Engine room ventilation: 2x Supply fan, 38,000 m³/hr in total
Air-conditioning: Up to 285,000 BTU/hr
Fire extinguishing: Stat-X in engine room

ACCOMMODATION
Bridge deck: Wheelhouse
Main deck: Personnel area, personnel/crew cabins, sanitary spaces, store
Lower deck: Mess, pantry, crew cabins, sanitary spaces, food store

NAUTICAL AND COMMUNICATION EQUIPMENT
Integrated navigation system
Remote monitoring system
Searchlight: 2x
Radar: 1x X-band
Electronic chart: 1x Non-ECDIS
GPS: 1x
AIS: 1x
Compass: 1x Magnetic, 1x GPS
Autopilot: 1x
Echo sounder: 1x
Internal communication: Intercom, loudhailer
External communication: GMDSS A2
Weather system: 1x

OPTIONAL
Deck Covering: rubber mat, wood, container pockets
2nd Bow Thruster: 1x 75 ekW, electrically driven
Bilge water separator: 1x 0.5 m³/hr
Fuel filtration: 2nd Filter separator
Fuel consumption monitoring system
Fresh water maker
Sewage treatment plant
Generator: 3rd Generator set 99.0 ekW
Hoisting equipment: Foldable deck crane
Davit system and daughter craft
External fi-fi system: Up to 1200 m³/hr
Accommodation: Seats, aft steering position, treatment room, office
Various navigation equipment
External communication: GMDSS A3
Data communication: Iridium, V-SAT, Fleet broadband, 4G, Wi-Fi system, LAN system
Night vision camera: Wheelhouse, main deck mess, with steel plates/glass
CCTV system: 360° Exterior view
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Profile

Upper deck

Main deck

Lower deck

Items marked with / are optional equipment

DAMEN SHIPYARDS GROUP