FCS 3307 - PATROL

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

DIMENSIONS
Length overall: 34.2 m
Beam overall: 7.3 m
Depth at sides: 3.3 m
Draught max: 2.5 m
Deadweight max: Up to 65.0 t
Cargo deck area: 75.0 m²
Deck load: 2.5 t/m²
Deck cargo: 20.0 t

TANK CAPACITIES
Fuel oil: 60.3 m³
Fresh water: 18.1 m³
Sewage: 4.9 m³
Bilge water/ dirty oil: 1.4 m³

PERFORMANCES
Speed: Up to 30.0 kn
Range at max speed: 1,700 nm

PROPULSION SYSTEM
Main engines: 3x Caterpillar / MTU
Total Power: Up to 3,580 bkW
Gearboxes: 3x Reintjes WVS series
Propulsion: 3x Fixed pitch propellers
Bow thruster: 1x 75 kW, hydraulically driven

ELECTRICAL EQUIPMENT
Network: 24V DC, 230V/400V 50Hz AC
Generator sets: 2x 51.5 ekJW

Note: Delivery of vessel and/or equipment may be export controlled

DECK LAY-OUT
Anchor equipment: 1x 105 kg HHHP Pool TW, chain, electric winch
Fendering: Aluminium fender on deck level, heavy duty rubber fender transom corners and tyre fender at sides

SHIP SYSTEMS
Ship systems are according to Class
Fuel filtration: 1x Non-self-cleaning dynamic separator
Engine room ventilation: 2x Supply fan, 38,000 m³/hr in total
Air-conditioning: Up to 220,000 BTU/hr
Fire extinguishing: Stat-X in engine room

ACCOMMODATION
Bridge deck: Wheelhouse
Main deck: Personnel cabins, mess, sanitary spaces
Lower deck: Mess, galley, crew cabins, sanitary spaces, store

NAUTICAL AND COMMUNICATION EQUIPMENT
Integrated navigation system
Remote monitoring system
Searchlight: 1x
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
Aft deck covering: Wood
Bilge water separator: 1x 0.5 m³/hr
Fuel filtration: Additional (non-)self-cleaning dynamic separator
Fuel consumption monitoring system
Fresh water maker
Sewage treatment plant
Hoisting equipment: Foldable deck crane
Davit system and daughter craft
External fi-fi system: 180 m³/hr
Accommodation: Aft steering position, treatment room, survivors’ space, office, additional food store
Various navigation equipment
External communications: GMDSS A3
Data communication: Iridium, V-SAT, Fleet broadband, 4G, Wi-Fi system, LAN system
Ballistic protection: Wheelhouse, main deck mess, with steel plates/glass
Night vision camera
CCTV system
FCS 3307- PATROL
STANDARD

Items marked with ✓ are optional equipment

DAMEN SHIPYARDS GROUP