



Crew Transfer Vessel

FALCON NO.1
FALCON NO.2
FALCON NO.5
FALCON NO.6

The **First Choice** for
Marine Solutions in
Asia Pacific

For further information, please contact:
commercial@dfo.com.tw

Principal Particulars

Name	FALCON NO.1 FALCON NO.2 FALCON NO.5 FALCON NO.6
Built Design	Damen Singapore, 2019–2021 Damen FCS 2710

Classification

Dual Class Bureau Veritas / CR
I ✘ Hull • MACH
Light Ship/Fast Utility Vessel
Sea Area 3

Dimensions

Length Overall	26.8 m
Beam Overall	10.5 m
Depth at Sides	4.3 m
Draught	2.3 m
Deadweight Max	25.0 t
Cargo Deck Area	90.0 m ²
Deck Load	1.5 t/m ²
Gross Tonnage	241.89 GT
Crew	5 persons
Passengers	Up to 12 Persons

Tank Capacities

Fuel Oil	31.21 m ³
Fresh Water	2.9 m ³
Sewage	0.5 m ³

Performances

Max. Speed	25.0 kn
Range at Max. Speed	1,000 nm

Propulsion System

Main Engines	2 x Caterpillar C32 TTA
Total Power	2 x CAT C32 1081 kW
Gearboxes	2 x Reintjes ZWVSA series (two-speed)
Propulsion	2 x Fixed pitch propeller
Bow Thrusters	2 x 64 kW, hydraulically driven

Electrical Equipment

Network	24V DC, 440/220V 60Hz AC 110 V 60 Hz consumer network
Generator Sets	2 x 44.0 kW

Deck Lay-out

Anchor Equipment	1 x 150 kg SHHP Pool TW, chain, electric winch
Fendering	Heavy-duty bow fender, rubber "D" type at sides
Survey Pole	Optional & on request
Foldable Deck Crane	Heila HLM 20-3S

Ship Systems

Fuel Transfer System	2 x pump, electrically driven
Engine Room Ventilation	2 x extraction fan, 8,000 m ³ /hr each (one fan in each engine room)
Air-conditioning	89,000 BTU/hr
Fire Extinguishing	Novec 1230 in engine rooms
Fuel Cargo System	Connected to fuel transfer system

Accommodation

Bridge Deck	Wheelhouse, crew mess
Main Deck	Personnel area, lounge/office space, crew cabins, wet gear room, pantry, mess room, sanitary spaces
Lower Deck	Storage

Nautical and Communication Equipment

Integrated navigation system	
Remote monitoring system	
Searchlight	1 x
Radar	1 x X-band
ECDIS	1 x
AIS	1 x
Compass	1 x Magnetic, 1 x GPS
Autopilot	1 x
Echo Sounder	1 x
Internal Communications	Intercom and loudhailer
CCTV system	Fitted across the ship
External Communications	GMDSS A2
Weather System	1 x

