



AHT  
180t BP  
DP2

## GENERAL

Flag	French / Le Havre
Design	KMAR 404
Built	1999
Shipyard	Kleven, Norway
IMO Number	9178410
Call Sign	FMVL

## CLASSIFICATION

BV I, HULL, MACH, Anchor Handling vessel – Tug Supply vessel, Unrestricted navigation, AUT-UMS, Dynapos AM/AT- R SDS

## MAIN PARTICULARS

Length OA	73,50 m
Width OA	16,40 m
Moulded breadth	8,00 m
Max draft	6,90 m
Gross tonnage	2556 UMS
Net Tonnage	810 UMS
Max draught	6,90 m max.
Bollard pull max	144 t (2023 @ 77%)
Bollard Pull cont	139 t (2023 @ 77%)

## PROPULSION

Main Engines	2x 5530kW @750rpm
Propellers	2 x CPP with nozzle
Stern thrusters	1 x 800 kW
Bow thrusters	1 x 800 kW
Bow Az. thruster	1 x 800 kW retract.

## ELECTRICAL PRODUCTION

Shaft generators	2 x 1 920 kW @1800rpm
Diesel generators	2 x 300 kW @1800rpm
Emergency gen.	1 x 80 kW @1800rpm

## CONSUMPTION

Full Speed (15 knts)	40 m3/day
Service Speed (10 knts)	20 m3/day
Towing (light/med/heavy)	25/40/55 m3/day
DP (light/heavy)	15/25 m3/day
At port	1 m <sup>3</sup> /day

## CAPACITIES @100%

MDO	930 m3
Fresh water	520m3
Chain locker	2 x 130 m3
Deck space	518 m2 (37 m x 14 m)
Max deck load	1000 t
Deck strength	5 -10 t/m2

## ARRANGEMENTS

Crew cabins	12 x 1 Crew
Pax cabin	1 x 4 men
	1 x 2 men

## COMMUNICATION

GMDSS A3  
IRRIDIUM CERTUS

## TOWING / AHT WINCHS

Maker / type	Brattvaag SL 300W/BSL300W
Pull	300 t pull,
Tow drum wire	1 x 1 800 m cable Ø76mm,
AH drum wire	1 x 250 m cable Ø76 mm
Brake force	400 t
Drum dimensions	2 drums, inner Ø900 mm, flange Ø 2650, L : 2500 mm
Wire capacity	2 x 2042 m of Ø76 mm
Gypsy wheels	2 x 76mm

	High gear	Lowering	Dynamic braking
Duty on 1 <sup>st</sup> layer	125 tons @ 0-15 m/min	0-15 m/min	34-165 tons @ 0_39 m/min
	55 tons @ 0-23 m/min		
Duty on Mid layer	75 tons @ 0-26 m/min	0-26 m/min	21-100 tons @ 0-65 m/min
	34 tons @ 0-39 m/min		
Duty on top layer	50 tons @ 0-40 m/min	0-40 m/min	13-65 tons @ 0-100 m/min
	21 tons @ 0-60 m/min		

	Low gear	Lowering	Dynamic braking
Duty on 1 <sup>st</sup> layer	300 tons @ 0-6,5 m/min	0-6,5 m/min	80-390 tons @ 16,5 m/min
	140 tons @ 0-9,8 m/min		
Duty on Mid layer	180 tons @ 0-11 m/min	0-11 m/min	50-230 tons @ 0-27,5 m/min
	80 tons @ 0-16,5 m/min		
Duty on top layer	120 tons @ 0-17 m/min	0-17 m/min	30-155 tons @ 0-42,5 m/min
	50 tons @ 0-25 m/min		

## ROPE REELS

Maker / type	Brattvaag / ALM220220U
Pull	10 t at 0-28 m/min
Light line	at 0-94 m/min
Drum dimensions	2 drums, inner Ø1000 mm, Flange Ø 2600, L : 2700 mm
Capacity:	2 x 2042 m of Ø76 mm

## DECK EQUIPEMENT

Tugger winch	Brattvaag 2 x 10 t
Capstans	Brattvaag 2 x 5 t
Windlass	Brattvaag 2 x 16,4 t
Stern roller	6.0m x 3.0m diam. SWL 500t
Towing pins	2 x SWL 240 t
Shark Jaw	2 x Karmfork, SWL 500 t, Inserts: 26 to 100 mm
Chain Locker	2 x 1100 m in Ø76mm // 2 x 900 m in Ø84mm (in 2 x 130 m3)
Provision crane	1 x telescopic, 5 t at 14 m
Rescue/work boat	1 Rescue boat

