

ALP KEEPER | 302^{mt} Bollard Pull

General Data

CALLSIGN
PDDH
 FLAG
The Netherlands
 PORT OF REGISTRY
Rotterdam
 IMO NUMBER
9737266
 BUILT
2016 - Niigata Shipbuilding, Japan
 DESIGN
Ulstein SX 157
 CLASSIFICATION
 ✳ **1A1 Fire fighter(II) Offshore service vessel(+, Anchor handling, Towing) BIS BWM(T) Clean(Design) COMF(V-3) DYNPOS(AUTR) E0 Ice(1B) NAUT(OSV(A)) Recyclable SF TMON**
 DP NOTATION
DP 2 with external force module
 BOLLARD PULL
302 mt 2018
 MAXIMUM SPEED
19,0 kts
 ECO SPEED
9,0 kts

Main Dimensions

LENGTH O.A.
88,51 mtr
 LENGTH B.P.
84,94 mtr
 BEAM O.A.
21,00 mtr
 DEPTH TO MAINDECK
9,50 mtr
 SUMMER DRAUGHT
7,95 mtr
 DEADWEIGHT
4.230,3 mt
 GROSS TONNAGE
5.901 mt
 NETT. TONNAGE
1.771 mt
 CARGO DECK AREA
550 m²
 DECK LOAD
10 mt / m²
 CHAIN LOCKER CAPACITY
2x 255,6 m³

Equipment

TOWING WINCH
Rolls Royce / Brattvaag mod. SL400-3T
1st speed: 401 mt @ 0-13 m/min
 BRAKE HOLDING LOAD
600 mt on 1st layer, 675 mt on 1st layer static load
 DRUMS CAPACITY
3x 2.000 mtr x 83 mm Ø
 CONTROL
Remote controlled from bridge
 CABLE LIFTERS
500 mt @ 0 - 9m/min, 2x 76 mm Ø 1x 127 mm Ø
 MAIN TOW WIRES
2.000 mtr x 83 mm Ø
 SPARE TOWING WIRES
2.000 mtr x 83 mm Ø
1.200 mtr x 83 mm Ø
 WORK WIRES
400 mtr x 83 mm Ø
 STORAGE REELS
2 compartments: 2.335 mtr and 550 mtr of 86 mm Ø wire
3 compartments: 990 mtr of 86 mm Ø wire
 STERN ROLLER
2.000 mm Ø, total Length 5.000 mm, 650 mt SWL
 DECK WINCH
2x 30 mt pull GOG winch @ 0 - 12 m/min 38 mm Ø, Capacity 720 mtr x 42 mm Ø wire
1x 15 mt pull Tugger winch @ 0 - 30 m/min 28 mm Ø, Capacity 710 mtr x 28 mm Ø wire
 CAPSTANS
2x Rolls Royce, 13,2 mt pull @ 0 - 10 m/min
 TOWING PINS
2x Karmoy set of 2 pins 450 mm Ø 300 mt SWL
 KARM FORKS
2x Karmoy 500 mm Ø 600 mt SWL
inserts For Chain 50 mm Ø - 125 mm Ø - 165 mm Ø
 QUARTER PINS
2x popup pins 450 mm Ø 300 mt SWL
 GIPSY WHEELS
For Chain: (Detachable up to max of 165 mm Ø)
2x 76 mm Ø: Six Pockets width 398 mm and 2.190 mm Ø
2x 84 mm Ø: Six Pockets width 425 mm and 1.600 mm Ø
2x 92 mm Ø: Five Pockets width 461 mm and 1.545 mm Ø
 ROV PREPARATION
1x dedicated mezzanine deck available for WROV and LARS
 CRANES
Triplex (KNC-60/3.0/105/45).
Capacity SWL 3 mt at max 15 mtr
Capacity SWL 6 mt at max 10 mtr

Tank Capacities

BALLAST WATER
3.103,6 m³
 FRESH WATER
307,6 m³
 MAIN ENGINES
3.183 m³
 AUXILIARY GENERATORS
349 m³
 ENDURANCE AT FULL POWER
49 days
 ENDURANCE AT HALF POWER
84 days

Machinery

MAIN ENGINES
18.000 kW / 600 Rpm 4 x 4.500 kW MAK 9M32C
 PROPELLERS
4 blades, Berg CPP x 2 with fixed nozzles, 5.000 mm Ø
 RUDDERS
Rolls-Royce electro-hydraulic rotary-vane.
Type: Flap rudder (SR743 FCP)
 BOW THRUSTERS
2x Berg Tunel, CPP 22.4 mt @ 211 Rpm, 1.500 kWt, 2.550 mm Ø
 STERN THRUSTERS
2x Berg Tunel, CPP 14.8 mt @ 306 Rpm, 1.050 kWt, 1.950 mm Ø
 GENERATORS
3x CAT C32 940 kW @ 1.800 Rpm 60 Hz, 3 phase
 SHAFT GENERATORS
2x AEM Shaft Gen 3.150 kWt @ 1.200 Rpm 60 Hz, 3 phase, Driven by ME

Crew occupation

TOWING-19 crew | 24 HR DP-21 crew | 24 AH DP-22 crew

Accommodation

TOTAL ALLOWED PERSONS
35
 CABINS
Single berth 25
Double berth 5
 HOSPITAL
Single berth -Category A (24)

