

218mt

Bollard Pull

DP II Anchor Handling Salvage Tug

ALP FORWARD



General data

Type	Anchor Handling Tug
Call sign	PCXN
Flag	the Netherlands
Owner	ALP FORWARD B.V
Registered	Rotterdam
IMO/ Class	9367516/ 112527
Year built	2007 - Mützelfeldt Yard, Cuxhaven, hull 255
Design	MAN Ferrostaal AG / Hitzler Werft
Classification	DNV-GL + 100 A5 E2 Deep Sea Tug Boat (Nav-A4) + MC E2 AUT, FF1, DP2
Basic functions	Long distance towing/anchor-, hose Handling/berthing/fire fighting/salvage
Bollard pull	218 mt cont. / 227 mt max.
Maximum speed	abt. 15,0 knots
Service speed	abt. 11,5 knots

Main dimensions

Length o.a.	65,00 m
Beam o.a.	18,50 m
Depth to maindeck	8,50 m
Max. draught	6,80 m
Deadweight	2.817 tonnes
Gross tonnage	2.789 tonnes
Nett tonnage	836 tonnes
Cargo deck area	297 sqm
Chain locker capacity	2 x 33,75 cbm

Towing / Anchor Handling

Winch	Electr. driven 150/300 t at 10/5 m/min
Brake holding load	
Drums	2 x 1.600 m, 76 mm Ø
Control	Remote control from bridge
Cable lifters	3" & 5"
Main towing wire	1.600 m, 76 mm Ø

Work wires	300m, 76 mm Ø
Storage reels	1 x 1.200 m, 76 mm Ø
Stern roller	300 t SWL, 5,00 m length, 2,00 m Ø
Tugger winches	2 x 10 t at 15 m/min
Fork/ Towing pins	1 pair Hydraulic Pins, Karmoy, 650/300 tonnes SWL
Shark jaws	2 pcs. Karm Fork, Karmoy, 650/300 tonnes SWL
Anchor	2 high speed anchor winches warping head

Tank Capacities

Heavy fuel oil	2.457 cbm
Marine gas oil	174 cbm
Fresh water	93 cbm
Ballast water	324 cbm

Propulsion System

Main engines	14.000 kW at 600 rpm 2 x MAN 6 M32 C, 2 x MAN 8 M32 C
Propellers	2 CPP 4.500 mm in high-efficiency nozzles
Rudders	2 x flap type high performance
Bow thruster	2 x electr. driven 400 kW CPP
Stern thruster	1 x electr. driven 400 kW CCP
Generators	2 x Caterpillar 3412DITA 532 kW, 50 Hz, 230/400 V 2 x Shaft generators 1.200 kW

Accommodation

Total capacity	26 persons
Officer single cabins	7
Crew cabins	9
Passenger cabin	1
Hospital	1