

4.1. Specifications of the winch



Drawing number	: P14869
Working load	: 35 mT on each layer
Max. holding load on the pawl	: 256 mT emergency
Max. holding inspection limit	: 165 mT emergency
Hauling speed	: 19 m/min on layer 8
Drum (dxDxL)	: Smooth $\phi 905 \times \phi 2000 \times 1800$ mm
Wire rope diameter	: $\phi 60$ mm (consult your wire rope supplier)
Wire rope storage	: 1000 meter in 8 layers
Motor power	: 55kW x 2
Voltage	: 460V 60Hz
Protection class	: IP 56
Weight without wire rope	: app. 18 mT
Weight with Wire rope	: app. 29 mT
Brake	: Winch with fail-safe brake 550 Nm on each E-motor
Painting	: 3-layer marine coating RAL7036
Gearbox type	: RR4000L3MS
Ratio gearbox	: 1/124.5
Ratio open gears	: 1/4.72
Oil gearboxes	: 283ltr Total Carter EP150
Grease type open gear	: Castrol 968 SF Heavy
Grease type lubrication system	: Castrol Speerol SX2
Options	: Standstill heating : Forced cooling : Encoder : Tension : Spooling system : Limit switch
Certification	: Plan approval Lloyds CLAME August 2009 RTS/ENG/150593