Deck Machinery

Hydraulically driven deck machinery

Standard specifications

- Enclosed gearbox with gears running in oil bath
- Band brake with maintenance free brake assembly and brake spindle in stainless steel
- Brake drum surface of stainless steel
- Mooring drum of split type (tension part/storage part)
- Main shaft bearings in bearing brackets of split type marine bronze bushing for easy maintenance
- Drum clutch with hand lever
- Hydraulic motor, low-speed/high-torque type with built-on control valve unit
- Standard bolted foundation suitable for alignment with steel liner or epoxy resin (chock fast)

Options

- 2-speed hydraulic motor for high slack-rope speed
- Auto-tension
- Manually operated spring-applied band brake with-brake setting indicator
- Hydraulically operated spring-applied band brake with brake setting indicator
- Mooring drum of non-split type
- Operation by wireless controller
- Mooring rope tension monitoring based on load-cell reading in drum brake anchor
- Foundations suitable for direct welding to deck
- High pressure and low pressure hydraulic motors

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Technical data

Design pull	Hydr. Motor	Design MBL [kN]	Design BHC [kN]	Design rope [mm]	Design drum [mm]
125 kN	HMB/C080	430 520	344 416	26	420
160 kN	HMB/C080	650	520	32	520
200 kN	HMB/C200	820	656	36	580
250 kN	HMB/C270	1010	808	40	640
320 kN	HMB/C270	1220	976	44	710
400kN	HMB/C200	1450	1160	46	740

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