

RC12HD

Heavy Duty Rope/Chain Series RC12HD



Heavy Duty Rope/Chain Series

- The RC12HD is designed for use with 10 to 13 mm (3/8" to 1/2") short link chain combined with 16 to 22 mm (5/8" to 7/8") nylon rope
- Classification Society approval available for specific cases, contact your Maxwell representative
- This design is particularly well suited to light duty commercial vessels requiring high service speeds, e.g. patrol vessels, as the reduced weight of the rope/chain combination removes weight from the bow
- The 38 mm (1½") mainshaft is manufactured in high strength corrosion resistant 2205 Duplex stainless steel (AISI 316) and the above deck components in AISI 316 stainless steel (AISI 316) providing excellent corrosion resistance and highly polished finish
- The RC12HD is available with either a Heavy duty fan cooled 24 VDC, 48 VDC, 3 phase AC, Hydraulic motors of various displacements or single phase AC motor (contact your distributor for specifications and application). Run time and continuous pull varies between versions (see specifications on the following page)
- Double cone-type brake/clutch mechanism permits 'Free Fall' anchoring. Cone clutches, unlike dog clutches, provide smooth progressive engagement, ensuring safe and precise operator control
- The RC12HD features Maxwell's revolutionary and patented Wave Design™ chainwheel



RC12HD Capstan Version

Important: Maxwell windlasses must be used in conjunction with a chain stopper or alternative snubbing device to take the load off the windlass while laying at anchor. The chain stopper and alternative snubbing system should also be used to secure the anchor in the fully raised position while under way.

3 YEAR
Limited Warranty



RC12HD Low Profile Model

SPECIFICATIONS

	24 VDC Electric (2000W)	Hydraulic (Type 2)	Hydraulic GT (Type 1)	AC Electric
Maximum pull	1820 kg (4000 lbs)	1200 kg (2640 lbs)	1820 kg (4000 lbs)	1820 kg (4000 lbs)
Continuous pull	300 kg (660 lbs)	1200 kg (2640 lbs)	1250 kg (2750 lbs)	620 kg (1360 lbs)
Line speed at continuous pull	12 m/min (39 ft/min)	15 m/min (49 ft/min)	15 m/min (49 ft/min)	12 m/min (39 ft/min)
Working Load limit (10 min)	610 kg (1335 lbs)	1200 kg (2640 lbs)	1500 kg (3300 lbs)	750 kg (1650 lbs)
Maximum line speed	18 m/min (59 ft/min)	15 m/min (49 ft/min)	15 m/min (49 ft/min)	12 m/min (39 ft/min)
Static Hold	2200 kg (4840 lbs)	2200 kg (4840 lbs)	2200 kg (4840 lbs)	2200 kg (4840 lbs)
Net Weight (Capstan Version)	40 kg (88 lbs)	31.5 kg (69 lbs)	34 kg (75 lbs)	54 kg (118 lbs)
Power Supply	24 VDC	Hydraulic	Hydraulic	3Ph AC
Motor Power	2000 W	N/A	N/A	2200 W
Maximum Hydraulic Pressure	N/A	138 Bar (2000 PSI)	205 Bar (3000 PSI)	N/A
Recommended Hydraulic Flow	N/A	40 l/min (11 Gal/min)	28 l/min (7.5 Gal/min)	N/A

Accessories	Code	Voltage (DC)
Reversing Solenoid	SP5107	24 VDC
Circuit Breaker	P100791	135 Amp

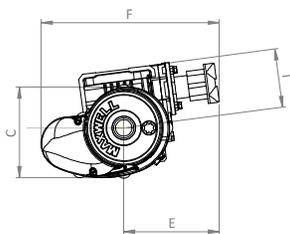
Refer to page numbers 358 - 361 for additional electrical accessories.

DIMENSIONS

	Hydraulic Type 2	Hydraulic Type 1	24 VDC Electric	3phase AC Electric
A	293 mm 11 5/8"	293 mm 11 5/8"	293 mm 11 5/8"	293 mm 11 5/8"
B ¹ (Low Profile version)	128 mm 5 1/8"	128 mm 5 1/8"	128 mm 5 1/8"	128 mm 5 1/8"
B ² (Capstan version)	233 mm 9 1/4"	233 mm 9 1/4"	233 mm 9 1/4"	233 mm 9 1/4"
C	206 mm 8 1/8"	206 mm 8 1/8"	206 mm 8 1/8"	206 mm 8 1/8"
D	241 mm 9 1/2"	243 mm 9 9/16"	241 mm 9 1/2"	270 mm 10 5/8"
E	218 mm 8 5/8"	228 mm 9"	361 mm 14 1/4"	423 mm 16 5/8"
F	406 mm 16"	416 mm 16 3/8"	549 mm 21 5/8"	611 mm 24"
G	95 mm 3 3/4"	95 mm 3 3/4"	95 mm 3 3/4"	69 mm 2 3/4"
H	54 mm 2 1/4"	54 mm 2 1/4"	54 mm 2 1/4"	54 mm 2 1/4"
I	134 mm 5 1/4"	156 mm 6 1/8"	139 mm 5 1/2"	175 mm 6 7/8"

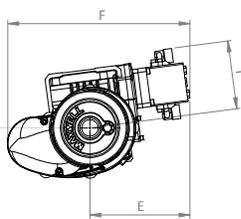
Extra Deck Clearance available, add 100m to dimensions D & G.

Hydraulic
(Motor Type 2)



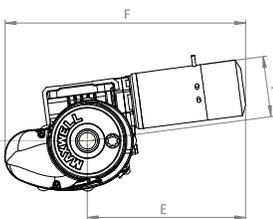
Low Profile Versions

Hydraulic GT
(Motor Type 1)



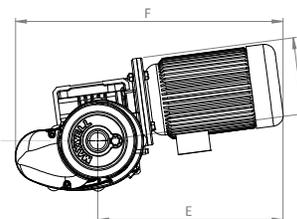
Capstan Versions

24V DC Electric



Low Profile Versions

AC 3Phase Electric



Capstan Versions

