

WVC SERIES

Vertical Windlass and Chainpipe

Introduction Features Specifications Dimensions Product Codes



Power and Sailing Boats

The VWC Series is designed for automatic vertical handling of chain only anchor rodes while offering an independent capstan for the retrieval of a secondary rope and chain rode or to assist with docking procedures.



VWC 3500 without Band Brake



VWC 3500 MODELS ARE AVAILABLE WITH OPTIONAL EASY TO USE BAND BRAKE



VWCLP 1500 LOW PROFILE VERSION



MAXWELL

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FEATURES

Power and Sailing Boats

- Fully automatic single or dual direction chainwheel operation.
- High-quality finish on above-deck components.
- Heavy chrome over marine-grade bronze.
- Integral chain pipe and stripper are aligned for virtually jam-free operation providing automatic feed of chain into and out of the anchor locker.
- Port and starboard chainpipes for twin installations. (Sizes 2200 and above only).
- Cone-type brake/clutch mechanism permits manual free-fall anchoring.
- Cone clutches, unlike dog clutches, provide smooth progressive engagement ensuring safe and precise operator control.
- Chainwheel locking pawl.
- Optional band brake available for 3500 series units.
- Functional rope hauling from any direction using independent MAX-grip™ snag-free warping drum with clutch disengagement of chainwheel for positive control of all ropes.
- Simple through deck installation by modular design and precise alignment of gearbox to the top works utilising marine-grade stainless steel bolts.
- Anodized aluminium gearbox and spacer on 1000 and 1500 models. Marine-grade alloy gearbox housing, finished with a two coat paint system on 2200, 2500 and 3500 models.
- Heavy duty, dual direction motor, designed for marine winches.
- Low profile configurations (no warping drum) are available.

VWC 1000 WITH QUICK INSTALL GEARBOX AND MOTOR



STANDARD EQUIPMENT

Circuit breaker/isolator panel
Footswitch (supplied with DC units only)
Chainwheels to suit available chain sizes
Emergency crank/clutch release handle

OPTIONAL EXTRAS

Additional footswitches
Dual direction solenoid pack
Up/down remote control panel
AutoAnchor™ Rode Counter
Hydraulic motor

Traditional bronze finish
Chain Stopper
Extra deck clearance kit
Roving remote
AutoCleave
Chain snubber

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WMC SERIES

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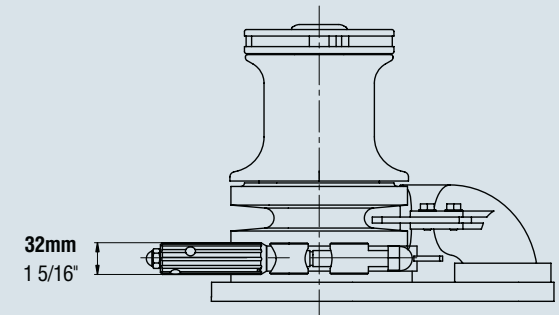
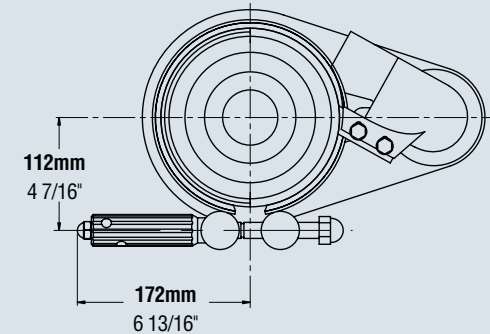
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Power and Sailing Boats

SPECIFICATIONS

MODEL	1000	1500	2200	2500	3500
Maximum Pull	455kg	680kg	1000kg	1135kg	1590kg
	1000lbs	1500lbs	2200lbs	2500lbs	3500lbs
Chain Sizes (Short Link)	6-10mm	6-10mm	9-11mm	9-11mm	10-13mm
	1/4" - 3/8"	1/4" - 3/8"	5/16" - 7/16"	5/16" - 7/16"	3/8" - 1/2"
Line Speed (Normal Working)	18m/min	18m/min	15m/min	14.5m/min	10m/min
	60ft/min	60ft/min	50ft/min	48ft/min	33ft/min
Power Supply (DC)	12 or 24V	12 or 24V	12 or 24V	24V only	12 or 24V
Motor (Watts)	1000W	1200W	1200W	1500W	1200W
Net Weight - DC	24kg	24kg	41kg	41kg	48kg
	52lbs	52lbs	90lbs	90lbs	106lbs
Hydraulic Pressure	100bar	138bar	135bar	N/A	138bar
	1450psi	2000psi	1950psi	N/A	2000psi
Hydraulic Flow	20 l/min	20 l/min	36 l/min	N/A	42 l/min
	5.3 USgal/min	5.3 USgal/min	9.5 USgal/min	N/A	11 USgal/min
Net Weight - Hyd	17kg	17kg	35kg	N/A	40kg
	37lbs	37lbs	77lbs	N/A	88lbs



Important: Maxwell windlasses must be used in conjunction with a chain stopper and/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

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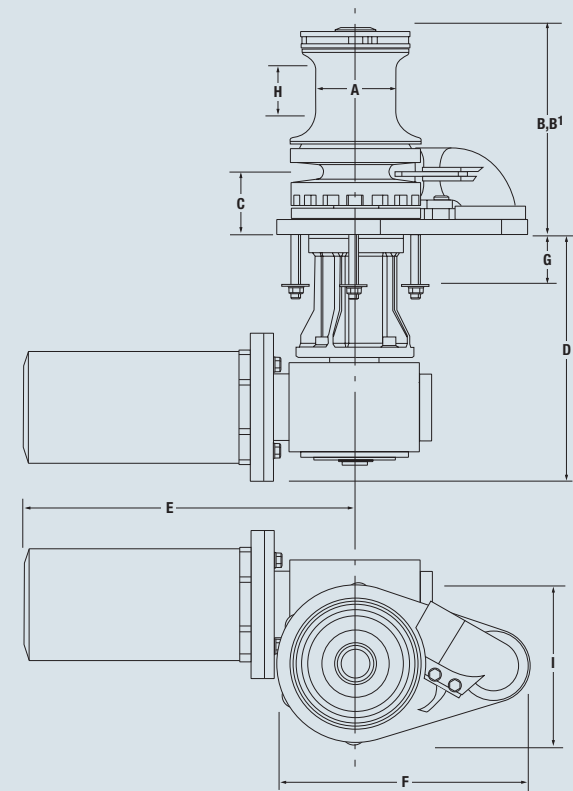


DIMENSIONS

Power and Sailing Boats

MODEL	VWC1000	VWC1500	VWC2200	VWC2500	VWC3500
A	80mm 3 1/8"	80mm 3 1/8"	94mm 3 11/16"	94mm 3 11/16"	110mm 4 5/16"
B	195mm 7 11/16"	195mm 7 11/16"	242mm 9 9/16"	242mm 9 9/16"	254mm 10"
B1 (Low profile)	98mm 3 7/8"	98mm 3 7/8"	148mm 5 27/32"	148mm 5 27/32"	149mm 5 7/8"
C	56mm 2 7/32"	56mm 2 7/32"	80mm 3 5/32"	80mm 3 5/32"	83mm 3 9/32"
D	252mm 9 5/16"	252mm 9 5/16"	290mm 11 13/32"	246mm 9 11/16"	290mm 11 13/32"
E	262mm 10 11/32"	272mm 10 23/32"	182mm 7 5/32"	338mm 13 5/16"	185mm 7 9/32"
F	224mm 8 27/32"	224mm 8 27/32"	297mm 11 23/32"	297mm 11 23/32"	342mm 13 7/16"
G (Std deck clearance)*	100mm 4"	100mm 4"	100mm 4"	100mm 4"	100mm 4"
G1 (Extra deck clearance)	150mm 6"	150mm 6"	200mm 8"	200mm 8"	200mm 8"
H (Working height of drum for rope warping)	44mm 1 3/4"	44mm 1 3/4"	33mm 1 5/16"	33mm 1 5/16"	29mm 1 1/8"
I	165mm 6 1/2"	165mm 6 1/2"	190mm 7 1/2"	190mm 7 1/2"	215mm 8 15/32"

*For VWC1000 and VWC1500 shorter deck clearance version also available at 50mm (2").



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PRODUCT CODES

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Product code	Model
P102717	VWC 1000 Capstan 12 Volt
P102723	VWC 1500 Capstan 12 Volt
P102724	VWC 1500 Capstan 24 Volt
P10102	VWC 2200 Capstan 12 Volt
P10104	VWC 2200 Capstan 24 Volt
P100138	VWC 2500 Capstan 24 Volt
P10086	VWC 3500 Capstan 12 Volt
P10088	VWC 3500 Capstan 24 Volt

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