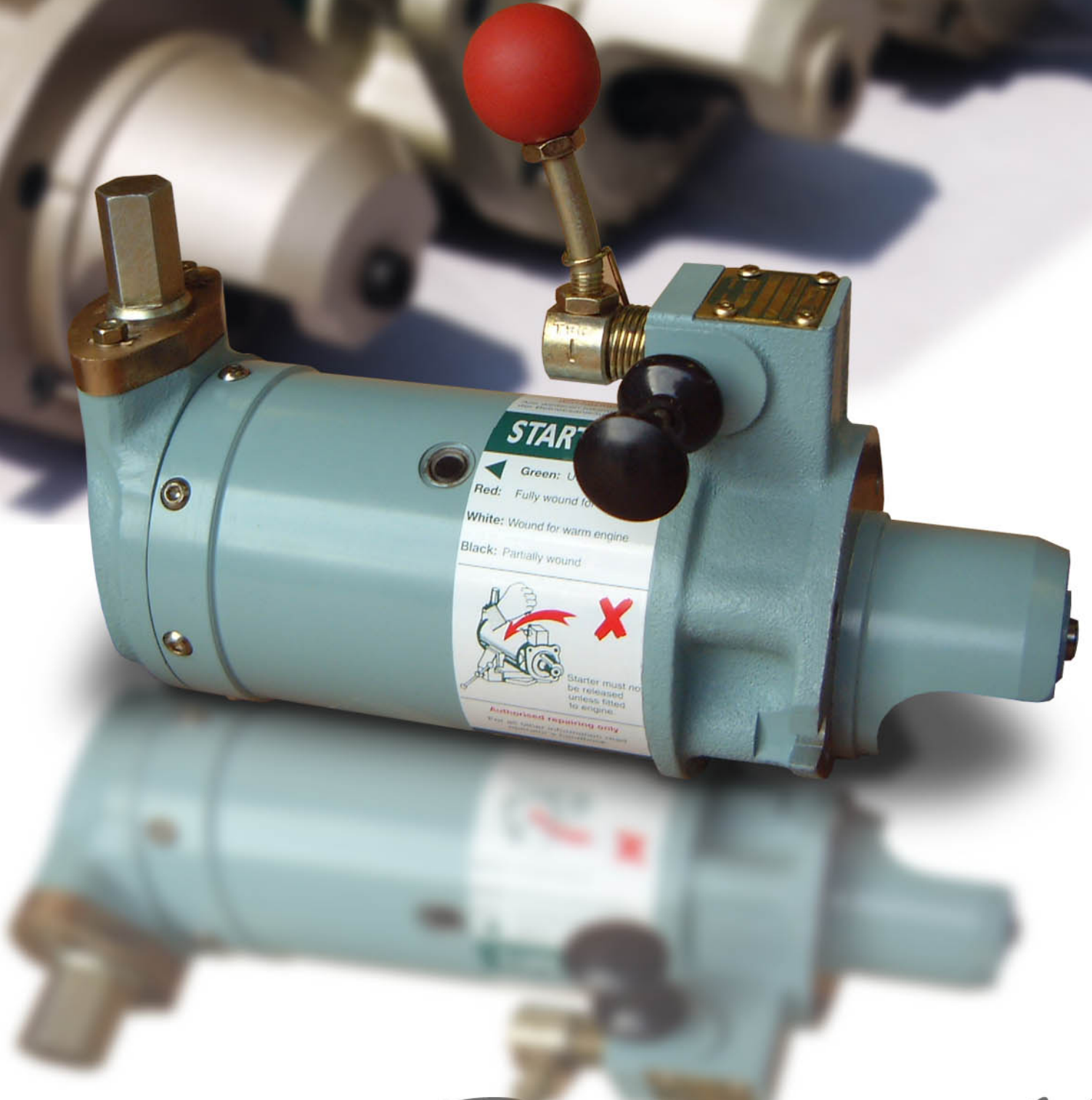



# MINI



**STARTWELL**

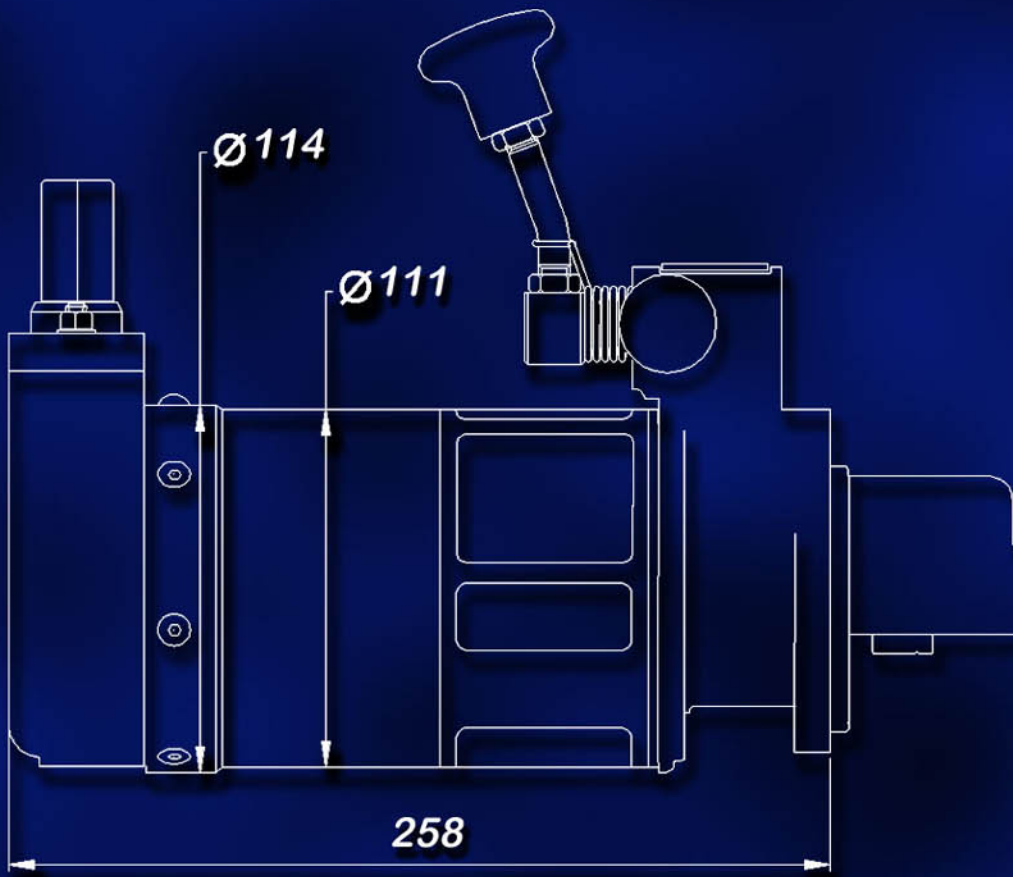
Green: Unwound  
Red: Fully wound for cold engine  
White: Wound for warm engine  
Black: Partially wound

 Starter must not be released unless fitted to engine.  
Reattachment requires safety.

*Startwell*  
[www.startwell.com](http://www.startwell.com)

Applications include:

Duetz  
Faryman  
Hatz  
Lister  
Lombardini  
Kubota  
Perkins



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For further information see our web site:

[www.startwell.com](http://www.startwell.com)

Startwell Engineering (UK) Ltd.  
Unit 1A Phoenix Trading Estate  
Rosslyn Crescent  
Harrow, Middlesex  
London HA1 2SP

### Mini Specification

Rotation: Model SNCClockwise  
Model SNA Anti-clockwise

Mounting: Flange mounted SAE 1; SAE 2

Engine capacity: 0.5 litre/cyl,  
four cylinders maximum

Pinion Type: 11 to 13 teeth 10/12 F/stub  
11 to 13 teeth 8/10 F/stub  
9 to 13 teeth Mod. 3  
11 to 13 teeth Mod 2.5

Pinion to  
flange face: 20mm or 28mm

Maximum torque  
at pinion: 91Nm (71 Ft.lb)

Maximum winding  
handle torque: 64 Nm (50Ft.lb)

Winding handle  
position: Variable in 8.5° increments

No. of turns  
to fully wind: Two turns to engage,  
further 7.5 turns to fully charge

Weight: 12Kg

Cold Start: Starting aid below 5°

Finish: Standard finish. Zinc plated body  
and housing. Body painted with a  
further coat of primer and topcoat.