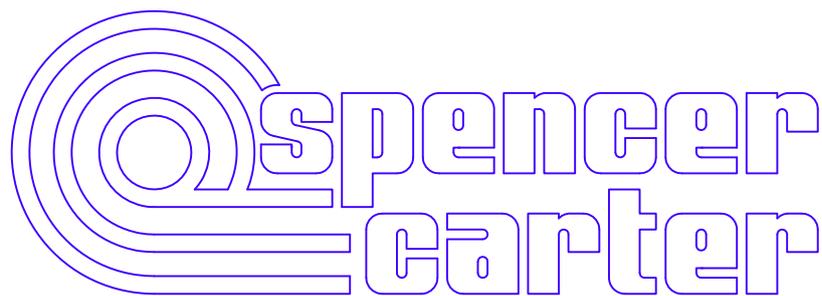


COMPACT CARGO WINCH  
REF. CCW2, CCW3 AND CCW4

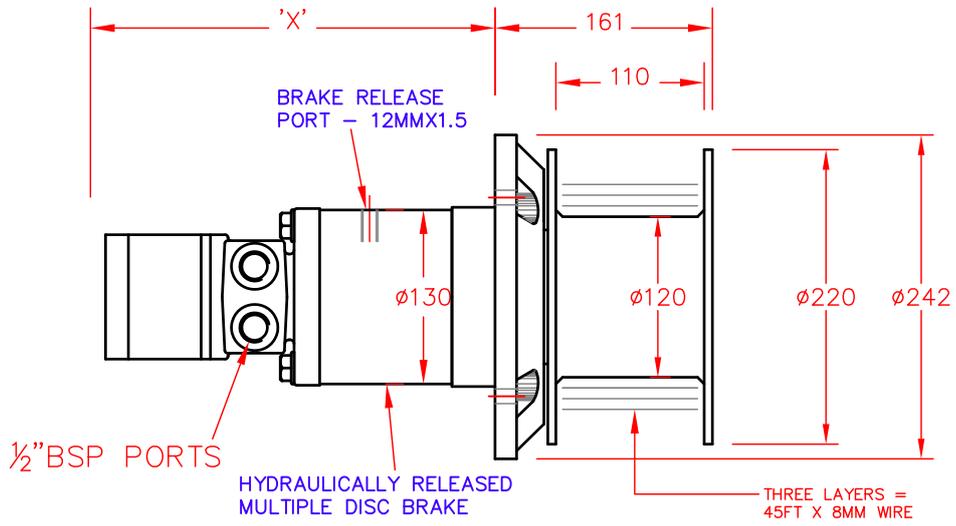


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[www.spencercarter.com](http://www.spencercarter.com)  
[info@spencercarter.com](mailto:info@spencercarter.com)

'X'

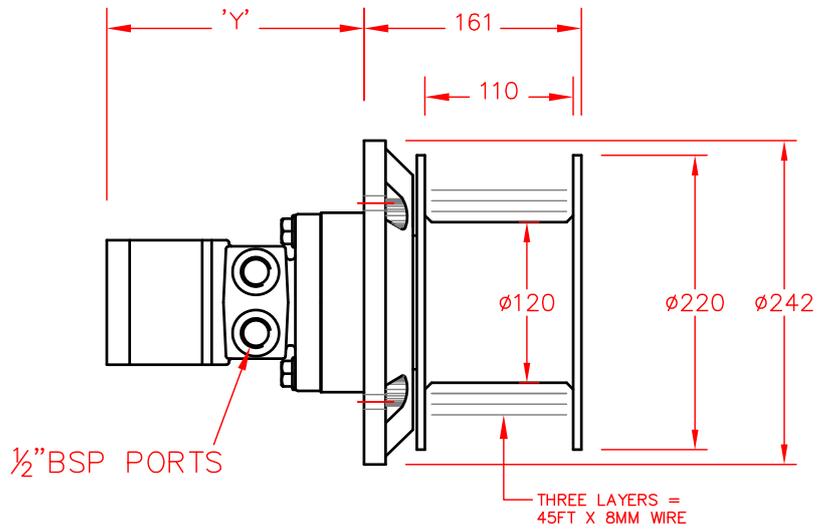
CCW2 = 305 MM  
 CCW3 = 315 MM  
 CCW4 = 330 MM



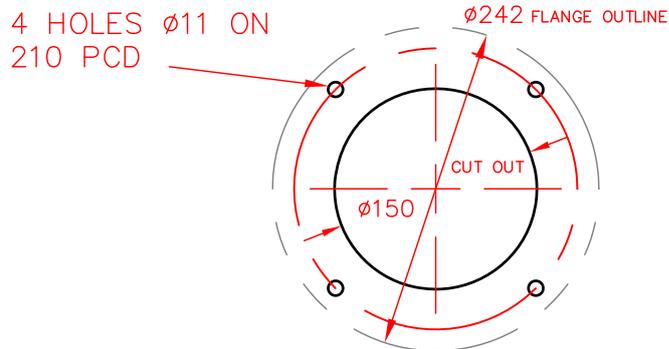
VERSION WITH BRAKE

'Y'

CCW2 = 195 MM  
 CCW3 = 205 MM  
 CCW4 = 220 MM



VERSION WITHOUT BRAKE



BASE MOUNTING PLAN

COMPACT CARGO WINCH – CCW2, CCW3 AND CCW4

Scale 1:4

## LIGHT WEIGHT COMPACT CARGO WINCH.

Ref. CCW2 \_\_\_\_\_ 350 Kg. Nominal pull

Ref. CCW3 \_\_\_\_\_ 500 Kg. Nominal pull

Ref. CCW4 \_\_\_\_\_ 750 Kg. Nominal pull

A simple wire or rope drum hauler for cargo handling etc, with a choice of three hydraulic motor sizes.

The base and bearing assembly are mainly aluminium for light weight. The drum is also aluminium. The sealed bearings require no maintenance.

Working speeds quoted in the specification are in line with fishing requirements. Slower speeds may be more suitable for other duties and a smaller pump, hoses, and reservoir size may then be utilised.

The winch is intended for continuous operation with limited static holding time. There will be a slow rotational 'creep' if the winch is made to hold a static load for an extended period.

A hydraulically released multidisc brake is available if a positive static hold is an essential requirement, combined with an overcentre (motion control) valve to prevent runaway.

### 350 KG. COMPACT CARGO WINCH REF CCW2

HYDRAULIC MOTOR SIZE \_\_\_\_\_ 163 CC/REV

MOTOR TORQUE \_\_\_\_\_ 250 NM.

AVERAGE WORKING SPEED \_\_\_\_\_ 40 METRES/MIN. (83 RPM)

MAXIMUM WORKING SPEED \_\_\_\_\_ 80 METRES/MIN.

#### HYDRAULIC INPUT REQUIRED TO SUIT AVERAGE WORKING SPEED:

INPUT FLOW \_\_\_\_\_ 14 LITRES/MIN.

INPUT PRESSURE \_\_\_\_\_ 120 BAR

#### TYPICAL CHOICE OF ASSOCIATED EQUIPMENT

HYDRAULIC PUMP/CLUTCH UNIT \_\_\_\_\_ REF. 2P4.5 (21 LPM @ 1000 RPM)

RESERVOIR \_\_\_\_\_ REF. R2 (11 LITRE CAPACITY)

RETURN LINE FILTER \_\_\_\_\_ REF. F1

CONTROL VALVE \_\_\_\_\_ REF. 1V

HYDRAULIC HOSE SIZE \_\_\_\_\_ 3/8" BORE 2 WIRE REINFORCED

WEIGHT OF WINCH \_\_\_\_\_ APPROX. 15 KG.

### 500 KG. CARGO WINCH REF CCW3

HYDRAULIC MOTOR SIZE \_\_\_\_\_ 295 CC/REV

MOTOR TORQUE \_\_\_\_\_ 430 NM.

AVERAGE WORKING SPEED \_\_\_\_\_ 35 METRES/MIN. (72 RPM)

MAXIMUM WORKING SPEED \_\_\_\_\_ 70 METRES/MIN.

#### HYDRAULIC INPUT REQUIRED TO SUIT AVERAGE WORKING SPEED:

INPUT FLOW \_\_\_\_\_ 22 LITRES/MIN.

INPUT PRESSURE \_\_\_\_\_ 120 BAR

#### TYPICAL CHOICE OF ASSOCIATED EQUIPMENT

HYDRAULIC PUMP/CLUTCH UNIT \_\_\_\_\_ REF. 2P8 (36 LPM @ 1000 RPM)

RESERVOIR \_\_\_\_\_ REF. R5 (25 LITRE CAPACITY)

RETURN LINE FILTER \_\_\_\_\_ REF. F1

CONTROL VALVE \_\_\_\_\_ REF. 2V

HYDRAULIC HOSE SIZE \_\_\_\_\_ 1/2" BORE 2 WIRE REINFORCED

WEIGHT OF WINCH \_\_\_\_\_ APPROX. 16 KG.

750 KG. COMPACT CARGO WINCH REF CCW4

HYDRAULIC MOTOR SIZE \_\_\_\_\_ 315 CC/REV  
MOTOR TORQUE \_\_\_\_\_ 550 NM.  
AVERAGE WORKING SPEED \_\_\_\_\_ 35 METRES/MIN. (72 RPM)  
MAXIMUM WORKING SPEED \_\_\_\_\_ 85 METRES/MIN.

HYDRAULIC INPUT REQUIRED TO SUIT AVERAGE WORKING SPEED:

INPUT FLOW \_\_\_\_\_ 23 LITRES/MIN.  
INPUT PRESSURE \_\_\_\_\_ 140 BAR

TYPICAL CHOICE OF ASSOCIATED EQUIPMENT

HYDRAULIC PUMP/CLUTCH UNIT \_\_\_\_\_ REF. 2P8 (36 LPM @ 1000 RPM)  
RESERVOIR \_\_\_\_\_ REF. R5 (25 LITRE CAPACITY)  
RETURN LINE FILTER \_\_\_\_\_ REF. F1  
CONTROL VALVE \_\_\_\_\_ REF. 2V  
HYDRAULIC HOSE SIZE \_\_\_\_\_ 1/2" BORE 2 WIRE REINFORCED

WEIGHT OF WINCH \_\_\_\_\_ APPROX. 18 KG.

WEIGHT OF VERSIONS WITH BRAKE ADD 10Kg (All sizes)