



**SCREEN WIPER SOLUTIONS**

## 30NM SPECIFICATIONS

Unit Type	Voltage	Arc of Wipe	Liner	Idler	Bracket
30NM	24	090	057	12	C

### Standard Unit Details

2 Speed • Self Parking • Insulated  
Earth Return • EMC Filter

### Angles of Arc

Fixed or Variable • Pendulum  
Units: 45 to 115 degrees •  
Pantograph Units: 45 to 90 degrees

### Spindle Centres

Between Drive Liner and Idler =  
50mm

### Drive Liner: M20

Brass Liner / 20mm Spindle • Liner  
lengths = Bulkhead + 115mm •  
Liners over 150mm available at  
extra cost

### Idler: 12

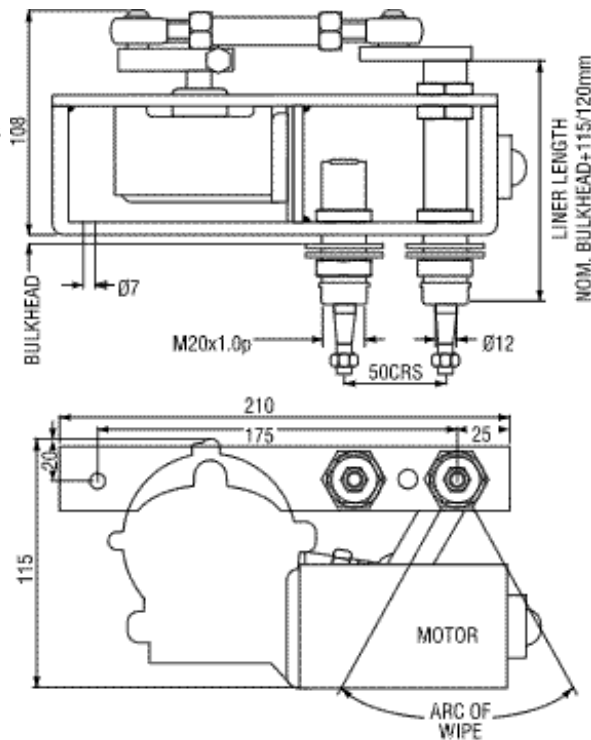
M20 Liner / 12mm Spindle • Arms  
P611, P613, F60 and F63

### Bracket: C

Compact

### Unit Weight

Allowing for the maximum arm and  
blade lengths: 8.0Kgs (17.5 lbs)



## WIPER ARMS AND BLADES

### Pantograph Arms

#### P611

Medium Duty Adjustable.

Lengths:

12" / 16" (310mm / 410mm)

18" / 22" (460mm / 560mm)

14mm Blade Clip

**Drive Head:** 12mm

**Idler Head:** 10mm

### Pendulum Arms

#### F60

Medium Duty Adjustable.

Lengths:

12" / 16" (310mm / 410mm)

18" / 22" (460mm / 560mm)

14mm Blade Clip

**Drive Head:** 12mm

### Blades

#### B140

Curved Blade .

Lengths:

12" / 24" (310mm / 610mm)

max.

For use with Arm Types:

Pendulum F60, F63

**P613**

Medium Duty Fixed.

Lengths:

12" to 24" (310mm / 610mm)

max.

14mm Blade Clip

**Drive Head:** 12mm**Idler Head:** 10mm

## Pantograph P611, P613

**F63**

Medium Duty Fixed.

Lengths:

12" to 28" (310mm / 710mm)

max.

In 2" (50mm) increments

14mm Blade Clip

**Drive Head:** 12mm**ELECTRICAL DETAILS****30NM Motor Unit**

VOLTAGE	STARTING CURRENT	RUNNING CURRENT
12v	<b>5 amps</b>	<b>3 amp</b>
24v	<b>3 amps</b>	<b>2 amp</b>

**Wiring the Motor Unit to a Rotary Switch**

Motor	Switch
31b (self park reversal feed)	<b>position P</b>
53 (low speed)	<b>position L</b>
53a (self park) and positive DC ship's supply	<b>position B</b>
53b (high speed)	<b>position H</b>
31 (earth connection)	<b>the negative ship's supply</b>
Washer Pump	<b>position W</b>

**Wiring the Motor Unit to a Toggle Switch**

Motor	Switch
31b (self park reversal feed)	<b>position 8</b>
53 (low speed)	<b>position 4</b>
53a (self park) and positive DC ship's supply	<b>position 6</b>
53b (high speed)	<b>position 2</b>
31 (earth connection)	<b>the negative ship's supply</b>

**Wiring the Motor Unit to a Multi Speed Control Switch**

Motor	Switch
31b (self park reversal feed)	<b>to the BLUE wire</b>
53 (low speed)	<b>to the YELLOW wire</b>
53a (self park) and positive DC ship's supply	<b>both RED wires</b>
53b (high speed)	<b>to the WHITE wire</b>
31 (earth connection) and the negative ship's supply	<b>to the BLACK wire</b>
Washer Pump	<b>to the BROWN wire</b>