



SCREEN WIPER SOLUTIONS

50NM SPECIFICATIONS

Unit Type	Voltage	Arc of Wipe	Liner	Idler	Bracket
50NM	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 / 12mm Spindle • Liner
lengths = Bulkhead + 115mm •
Liners over 150mm available at
extra cost

Idler: 12

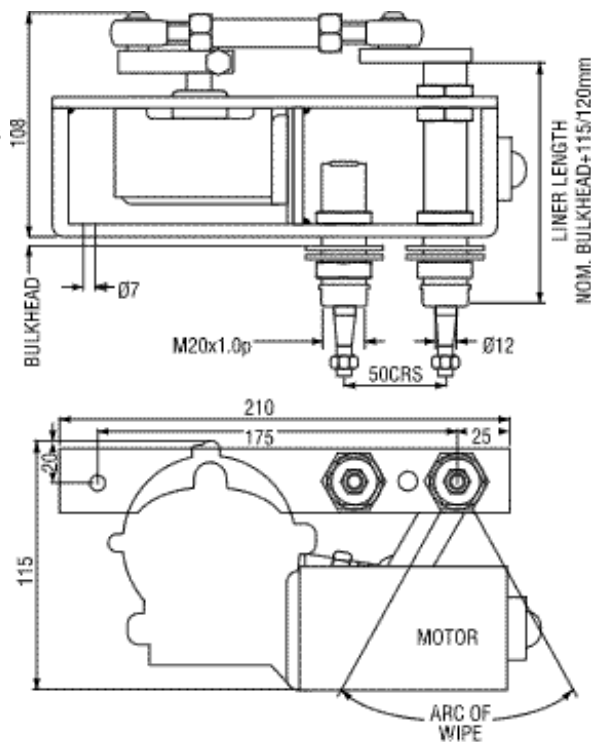
M20 Liner / 12mm Spindle • Arms
P615, P620

Bracket: C

Compact

Unit Weight

Allowing for the maximum arm and
blade lengths: 9.2Kgs (20.0 lbs)



WIPER ARMS AND BLADES

Pantograph Arms

P615

Heavy Duty Fixed.

Lengths:

24" to 34" (610mm / 865mm)
max.

14mm Blade Clip

Driver & Idler Heads: 12mm

Pendulum Arms

F63

Medium Duty Fixed.

Lengths:

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

In 2" (50mm) increments

14mm Blade Clip

Drive Head: 12mm

Blades

B140

Curved Blade .

Lengths:

12" / 28" (310mm / 710mm)
max.

For use with Arm Types:

Pendulum F63

P620

Heavy Duty Fixed.

Lengths:

24" to 34" (610mm / 865mm)max.

20mm Blade Clip

Driver & Idler Heads: 12mm

Pantograph P615

Lengths:

32" (810mm), 36" (960mm) & 39" (1000mm).

For use with Arm Types:

Pantograph P620.

50NM Linkage Configurations

When very wide or multiple windows are to be swept, we offer a comprehensive range of swept area solutions, utilising the 50NM drive unit operating either two or three arms and blades off one motor. This offers customers the benefit of simpler installations as well as a cost saving.

ELECTRICAL DETAILS

50NM Motor Unit		
VOLTAGE	STARTING CURRENT	RUNNING CURRENT
12v	5 amps	3 amp
24v	3 amps	2 amp

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

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

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

