Extra Heavy Duty Window Wiper

HIGH VOLTAGE SYSTEMS IDEAL FOR AVERAGE TO HIGH SPEED VESSELS

- Pantograph and pendulum
- Arms with blades up to 59ins. (1500mm) available for average speed vessels
- Arms with blades up to 39ins. (1000mm) available for high speed vessels
- Fixed arc or variable arc models
- Ranges from 115 volt and 230 volt AC or DC
- Two speeds
- Self parking facility
- Insulated earth return
- Operated by a multi-speed/function control system

... WIPER SYSTEMS FOR ALL SIZES OF VESSEL...
## SPECIFICATIONS

### Standard Details
- 2 Speed: Self Parking
- Insulated Earth Return: 110v DC, 220v DC
- Motors can be rectified from AC to DC

### Angles of Arc - Fixed:
- Pantograph Units: 25° to 90° (in 5° increments only)
- Pendulum Units: 25° to 115° (in 5° increments only)

### Angles of Arc - Variable:
- Pantograph Units: 40° to 90° (in 5° increments only)
- Pendulum Units: 40° to 90° (in 5° increments only)

### Spindle Centres
- Between Drive Liner & Idler = 60mm
- Pantograph units only

### Drive Liner
- M26 - Brass Liner/16mm SS Spindle
- Pantograph & Pendulum units

### Idler Liner
- M26 - Brass Liner/16mm SS Spindle
- Pantograph units only

### Liner Overall Length
- Bulkhead Thickness + 55mm
- Liners over 125mm are available at extra cost

### Bracket
- C - Compact Bracket

### Unit Weight
- Allowing for the maximum arm and blade lengths; 8Kgs (17.6 lbs)

## WIPER ARMS & BLADES

### Pantograph Arms
- **Model:** P84
- **Type:** Heavy Duty
- **Lengths:** 24" to 60" (610mm to 1525mm) nom
- **Drive Head:** 16mm
- **Blade Clip:** 14mm & 20mm

### Pendulum Arms
- **Model:** F80
- **Type:** Heavy Duty
- **Lengths:** 24" to 60" (610mm to 1525mm) nom
- **Drive Head:** 16mm
- **Blade Clip:** 14mm

- **Model:** F81
- **Type:** Heavy Duty
- **Lengths:** 24" to 60" (610mm to 1525mm) nom
- **Drive Head:** 12mm
- **Blade Clip:** 14mm

### Blades
- **Model:** B160
- **Type:** Curved Blade, Stainless Steel
- **Lengths:** 12" to 28" (310mm to 710mm) nom
- **For use with arm types:**
  - Pendulum: F80
  - Pantograph: P84

- **Model:** B160
- **Type:** Curved Blade, Stainless Steel
- **Lengths:** 32" (810mm), 36" (915mm), 39" (1000mm)
- **For use with arm types:**
  - Pendulum: F81
  - Pantograph: P84

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*Measurements are for illustrative purposes only*