Extra Heavy Duty Window Wiper

HIGH VOLTAGE SYSTEMS IDEAL FOR AVERAGE TO HIGH SPEED VESSELS

- Pantograph and pendulum
- Arms with blades up to 78ins. (2000mm) available for average speed vessels
- Arms with blades up to 59ins. (1500mm) 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

HEPWORTH MARINE INTERNATIONAL
**SPECFICATIONS**

**Standard Details**
- 2 Speed: Self Parking; Insulated Earth Return;
  - 110v DC, 110v - 220v AC

**Angles of Arc - Fixed:**
- Pantograph Units: 45º to 90º (in 5º increments only)
- Pendulum Units: 45º to 115º (in 5º 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

**Bracket**
- L - Left Hand Bracket;
- R - Right Hand Bracket;

**Unit Weight**
- Allowing for the maximum arm and blade lengths; 9.2Kgs (20.0 lbs)

**WIPER ARMS & BLADES**

**Pantograph Arms**
- **P84**
  - Heavy Duty
  - Lengths: 24" to 98" (610mm to 2500mm) nom
  - Drive Head: 16mm
  - Blade Clip: 14mm & 20mm

**Pendulum Arms**
- **F80**
  - Heavy Duty
  - Lengths: 24" to 72" (610mm to 1830mm) nom
  - Drive Head: 16mm
  - Blade Clip: 14mm

- **F81**
  - Heavy Duty
  - Lengths: 24" to 72" (610mm to 1830mm) nom
  - Drive Head: 16mm
  - Blade Clip: 20mm

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

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

*Measurements are for illustrative purposes only

**100Nm**

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**HIGH VOLTAGE SYSTEMS**

**IDEAL FOR AVERAGE TO HIGH SPEED VESSELS**

Can be used in combination with the following Controllers:

**Control Systems**
- 8271 - 8272 (DC)
- 6300 (AC)
- 2000 (AC) 3 phase
- 1024 (DC)

**www.b-hepworth.com**

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