

Type 1780

Extra Heavy Duty Window Wiper

Low voltage systems ideal for average to high speed vessels

Pantograph and pendulum

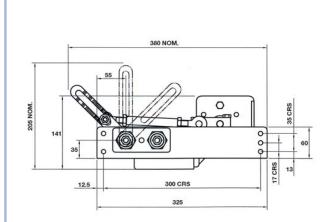
- Arms with blades up to 59ins. (1500mm) available for average speed vessels
- Arms with blades up to 39ins. (1000mm) available for high speed vessels
- Sixed arc or variable arc models
- 🛞 12 and 24 volt DC
- Two speeds
- Self parking facility
- lnsulated earth return and EMC filter are standard
- Operated by various controls including a rotary switch, rocker switch or a multi-speed / function control system





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Specifications

Standard Details

Angles of Arc - Fixed Pantograph Units Pendulum Units Angles of Arc - Variable

Pantograph Units Pendulum Units

Spindle Centers

Drive Liner

Liner Overall Length Idler Liner

Bracket Unit Weight 25° to 90° (in 5° increments only) 25° to 115° (in 5° increments only)

2 Speed; Self Parking; Insulated Earth Return; 12v and 24v

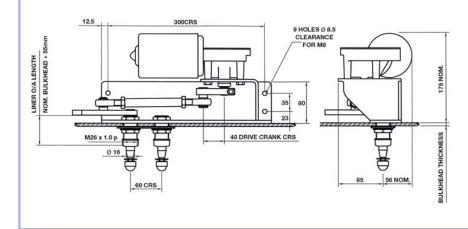
40° to 90° (in 5° increments only) 40° to 90° (in 5° increments only) Between Drive Liner & Idler = 60mm Pantograph Units only

M26 - Brass Liner/16mm SS Spindle Pantograph & Pendulum Units

Bulkhead Thickness + 55mm M20 - Brass Liner / 16mm SS Spindle Pantograph Units only

C - Compact Bracket

Allowing for the maximum arm and blade lengths; 8Kgs (17.6 lbs)



Wiper Arms and Blades

Pantograph ArmsP84Heavy DutyLengths24" to 60" (610mm to 1525mm) nomDrive Head16mmBlade Clip14mm & 20mm

Pendulum Arms	
F80	Heavy Duty
Lengths	24" to 60" (610mm to 1525mm) nom
Drive Head	16mm
Blade Clip	14mm
F81	Heavy Duty
Lengths	24" to 60" (610mm to 1525mm) nom
Drive Head	16mm
Blade Clip	20mm

Blades

 B140
 Curved Blade

 Lengths
 12" to 28" (310mm to 710mm) nom

 For use with arm types:
 F80

 Pantograph
 P84

 B140
 Curved Blade

 Lengths
 32" (810mm), 36" (915mm)

 & 39" (1000mm)

 For use with arm types:

 Pendulum
 F81

Pendulum F81 Pantograph P84



In-Mar Solutions, LLC

Ph: (225) 644-7063 Fax: (225) 644-7046 Email: <u>info@inmarsolutions.com</u> Web: www.inmarsolutions.com