



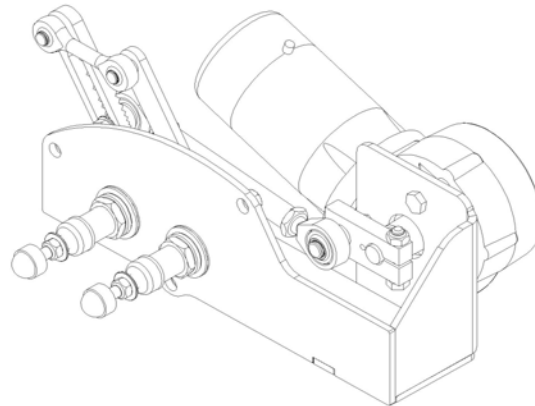
In-Mar Solutions



Wynn Marine Wipers

IM-1771 / IM-1781

(48 - 230V AC or DC) / (12 or 24V DC)



The Wynn Marine Type 1771 / 1781 Window Wiper System is designed for high voltage inputs and high speed, marine conditions.

It is designed to meet the specific requirements of the marine, offshore industry and has passed the entire test requirements to obtain accreditation.

The electric wiper motor forms the central part of the windshield wiper system. The motor is mounted on a fabricated mild steel bracket which is polyester powder coated to prevent corrosion. The motor is connected electrically by means of a multi-pin connector.

The drive lever is secured to the wiper motor shaft and connected through a tie bar, to the spindle lever assembly. These components transfer the motor shaft rotation to the wiper arm assemblies.

The drive mechanism provided transfers the rotary output from the motor to a reciprocating motion of the spindles. This mechanism is zinc plated and is sized to give the correct angle of arc to provide for the best allowable windscreen coverage for the application.

Features

- * Pantograph and pendulum available
- * Fixed arc or variable arc available
- * Input voltages available: 12 VDC, 24 VDC, 48-230V (AC or DC)
- * Operated by a multi-speed / function control system (individual or grouped)
- * Arms with blades up to 59 inches (1500mm) available for most applications
- * Same in form, fit, and function as Wynn Type 1762 Wiper (now obsolete)
- * One or two speeds
- * Self parking capability
- * Insulated earth return and EMC filter are standard

In-Mar Solutions, LLC

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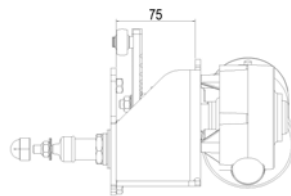
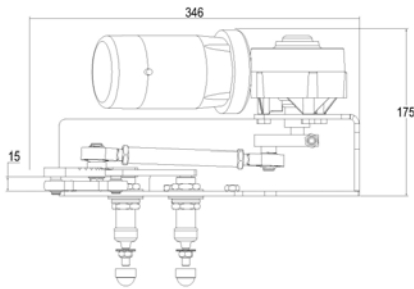
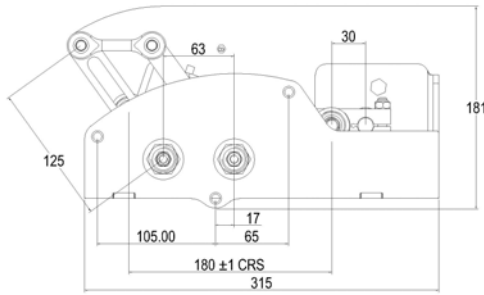
IM-1771 / IM-1781 (70Nm torque)

Extra Heavy Duty Window Wiper

High voltage systems ideal for average to high speed vessels

Specifications

Standard Details	2 Speed; Self-Parking; Insulated Earth Return; 1771: 48 - 230V AC or DC 1781: 12 or 24V DC
Angle of Arc – Fixed	Pantograph: 25 to 90 degrees (in 5 degree increments) Pendulum: 25 to 115 degrees (in 5 degree increments)
Angle of Arc – Variable	Pantograph: 40 to 90 degrees (in 5 degree increments) Pendulum: 40 to 90 degrees (in 5 degree increments)
Spindle Centers	Between Drive Liner & Idler = 60mm (pantograph only)
Drive Liner	M26 – Brass Liner / 16mm SS Spindle
Liner Overall Length	Bulkhead Thickness + 55mm
Idler Liner	M26 – Brass Liner / 16mm SS Spindle (pantograph only)
Bracket	C-Compact Bracket
Unit Weight	Allowing for max arm and blade lengths: 8 Kgs. (17.6 lbs.)



Wiper Arms and Blades

Pantograph Arms

Lengths 24" to 60" (610mm to 1525mm) nom

Pendulum Arms

Lengths 24" to 60" (610mm to 1525mm) nom

Blades

Rigid Blade

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

Articulated Blade

Lengths 32" (810mm), 36" (915mm),
& 39" (1000mm)



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