



HEPWORTH MARINE
INTERNATIONAL

TYPES C & D Heavy Duty Straightline Wipers

IDEAL FOR LARGE OCEAN-GOING VESSELS OR
VESSELS REQUIRING MAXIMUM COVERAGE

- Type D MkV - Externally mounted motor. Motor housing fully sealed to IP67
- Type C - Internally mounted motor
- Arms with blades up to 2000mm available
- A large wiped window coverage can be achieved
- Reliable operation in extreme temperatures
- 2 or 3 speed operation with self parking facility
- Available in 24, 115 and 230 volt, single phase or three phase AC
- Operated by a multi-speed / function control facility
- Induction motor (brushes) are used for AC supplies



... WIPER SYSTEMS FOR ALL SIZES OF VESSEL





The heavy duty Type D (externally mounted motor) and Type C (internally mounted motor) straightline wipers offer the most advanced design of linear action window wiping systems for marine and other specialist applications.

A large wiped window coverage can be achieved, providing maximum view from the ships bridge whatever the weather, in temperatures from as low as -40°C to extreme tropical conditions. High powered AC induction motors provide an efficient, reliable and quiet operation. Incorporating the highest quality 316 Stainless Steel and other non-corrosive materials throughout, the Type D has the motor outboard so that it is only necessary to bring the electrical cables through the bulkhead. the motor housing is fully sealed to IP67 standards.

Standard controllers are available in 1- 6 ways, with modular systems being supplied where there are more wipers or have a special requirement. Control features can include 2 or 3 speed operation, self parking, intermittent wipe, heater switch, master group control and wash/air purge functions.

SPECIFICATIONS

■ **Single Stroke**

Blade Arm
Minimum - 305mm
Maximum - 2260mm

■ **Twin Stroke**

Blade Arm
Minimum - 585mm, Maximum - 3500mm
(over 3500mm can be supplied upon request)

Wipe Speed: fast/slow 1.4m per second / 0.7m per second
AC Motor Induction type: 100, 115, 230v
DC Motor Permanent magnet; 24v
3-PH Motor Fast speed / slow speed / intermittent
1-PH and DC Normal speed / intermittent

De-icing heater 200 watts per metre
Park Sensor Reed switch
Spray Nozzles 1 up to 990mm stroke, 2 if > 1015mm stroke, 6mm overall diameter tubing
Mounting Above, below or vertical on the window
Type Approvals DNV, ABS



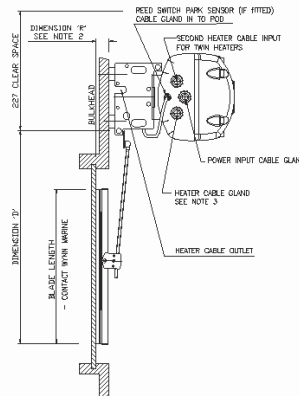
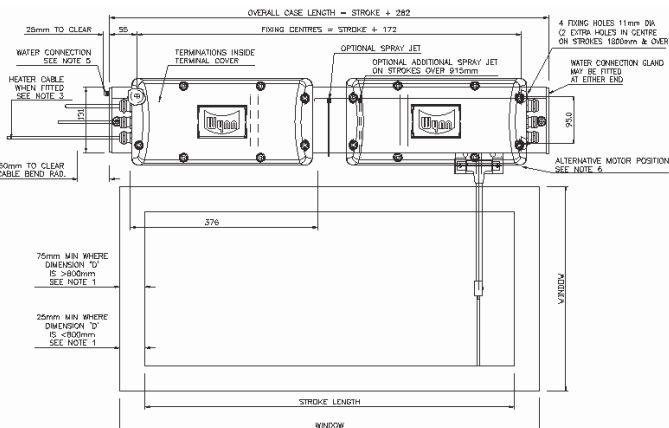
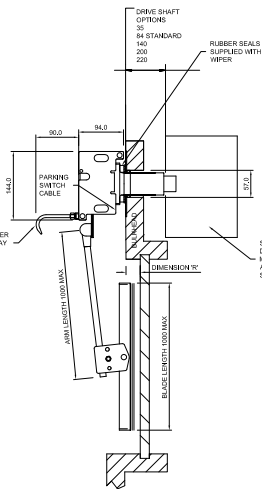
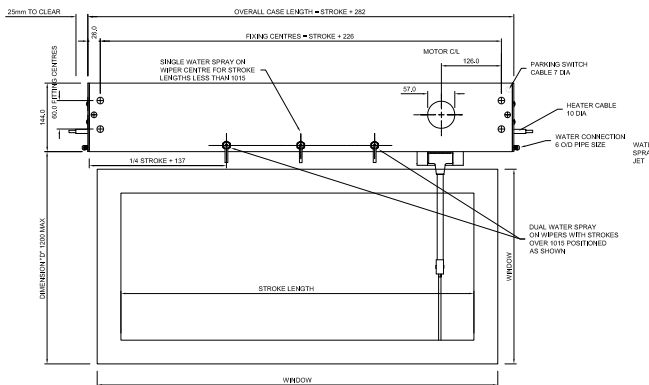
Types C&D
Straightline Wipers

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OCEAN-GOING VESSELS

Can be used in combination with the following Controllers:

Control Systems

- 1000 (1 speed only)
- 2000 (2 speed)
- 6000 (2 speed)
- 8000 (3 speed)



*Measurements are for illustrative purposes only