



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

ISO 9001

BUREAU VERITAS
Certification



DNV



... 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	Minimum - 305mm Maximum - 2260mm
Blade Arm	Maximum - 2000mm Maximum - 1500mm

■ Twin

Stroke	Minimum - 585mm, Maximum - 3500mm (over 3500mm can be supplied upon request)
Blade Arm	Maximum - 1000mm Maximum - 800mm
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 8000 motor 3 speed 0.7/1.1/1.4n/sec
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



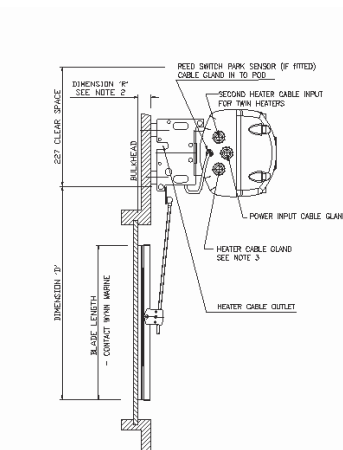
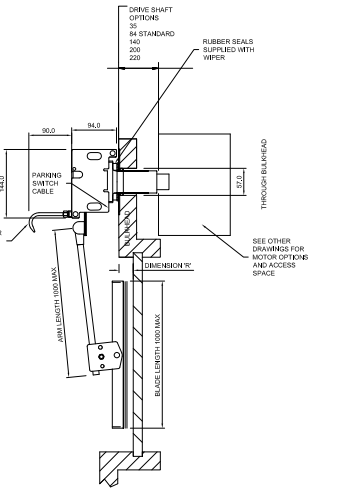
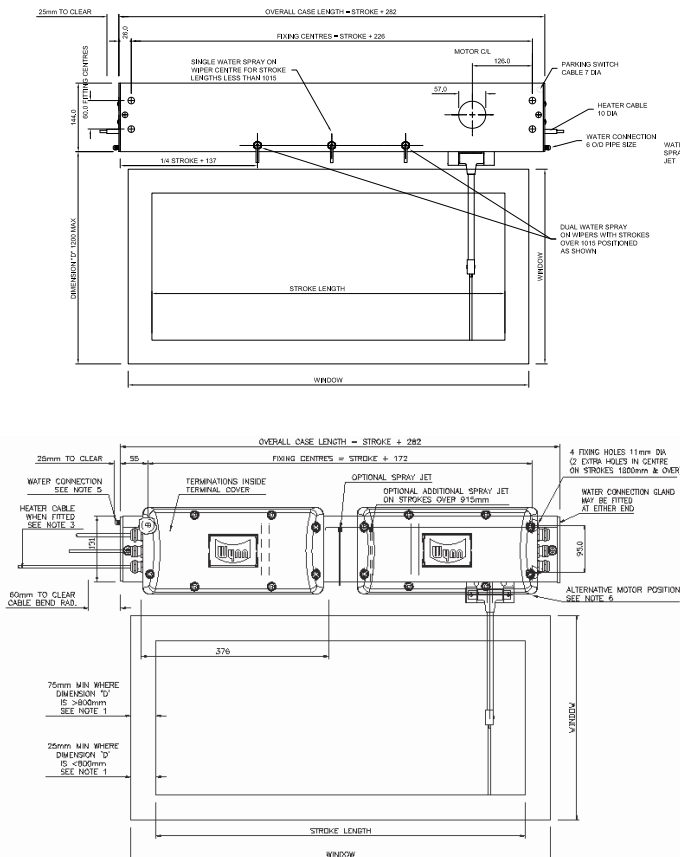
Types C&D Straightline Wipers

IDEAL FOR LARGE
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



B Hepworth & Co Ltd
4 Merse Road,
North Moons Moat, Redditch
Worcestershire B98 9HL UK

T +44 (0)1527 61243
F +44 (0)1527 66836
E marine@b-hepworth.com