

# Wiper Specifications

**HANS BUCH**

## Twin

<b>Stroke</b>	Minimum - 585mm, Maximum - 3500mm (over 3500mm can be supplied upon request)
<b>Blade</b>	Maximum - 800mm
<b>Arm</b>	Maximum - 800mm
<b>Wipe Speed: fast/slow</b>	1.4m per second / 0.7m per second
<b>AC Motor</b>	Induction type: 100, 115, 230v
<b>DC Motor</b>	Permanent magnet; 24v
<b>3-PH Motor</b>	Fast speed / slow speed / intermittent
<b>1-PH and DC</b>	Normal speed / intermittent 8000 motor 3 speed 0.7/1.1/1.4n/sec
<b>De-icing heater</b>	200 watts per metre
<b>Park Sensor</b>	Reed switch
<b>Spray Nozzles</b>	1 up to 990mm stroke, 2 if > 1015mm stroke, 6mm overall diameter tubing
<b>Mounting</b>	Above, below or vertical on the window
<b>Type Approvals</b>	DNV, ABS

## Single

<b>Stroke</b>	Minimum - 305mm, Maximum - 2260mm
<b>Blade</b>	Maximum - 1000mm
<b>Arm</b>	Maximum - 1800mm

The heavy duty Type D and Type C straightline wipers offer the most advanced design of linear action wiping systems for marine 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 noncorrosive 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.

Control features can include 2 or 3 speed operation, self parking, intermittent wipe, heater switch, master group control and wash/air purge functions.