

speich



## Windscreen Wiper ZDCS2

Pantograph/pendulum wiper range | Medium size windows | Heavy duty | Distributed control system

*The wipers are not only a mere accessory, but they are a distinctive element of the boat's design. SPEICH designs and manufactures custom-made windscreen wiper systems guaranteeing the maximum performance, reliability and satisfaction of any aesthetic requirements of luxury boats, offering a wide choice of wiper arms and blades finishing.*

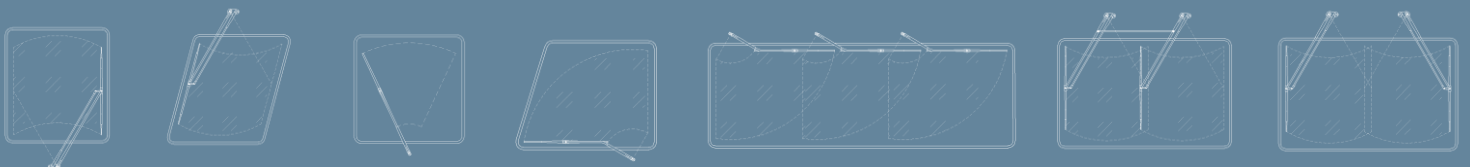


### MAIN DESCRIPTION

The pantograph/pendulum windscreen wiper ZDCS2 consists of an electric motor unit, based on DCS technology, an arm equipped with a wiper blade. This system, suitable for heavy-duty applications and medium sized windows, is custom-made for each boat and its windows and designed to optimize the wiping area and to guarantee the clearest visibility.

### OUR STRENGTHS

- Experience-based tailor-made solutions
- Full product lifecycle management and customer involvement
- Brand synonym of experience, style and technology
- Fast and reliable delivery time
- In-house manufacturing
- Excellent product quality and performance





## TECHNICAL DATA

Voltage	24 Vdc 115÷230 Vac 50/60 Hz
Power rating	55 W nominal 220 W starting
Wall Thickness	10÷100 mm (*)
Wiping Angles	30°÷110°, 5° step
Starting Torque	45 Nm
Control System	DCS
Max Arm Length	950 mm
Max Blade Length	900 mm
Speed	V1 = 30 stroke/min V2 = 45 stroke/min
Working temperature	-30° ÷ +45°C

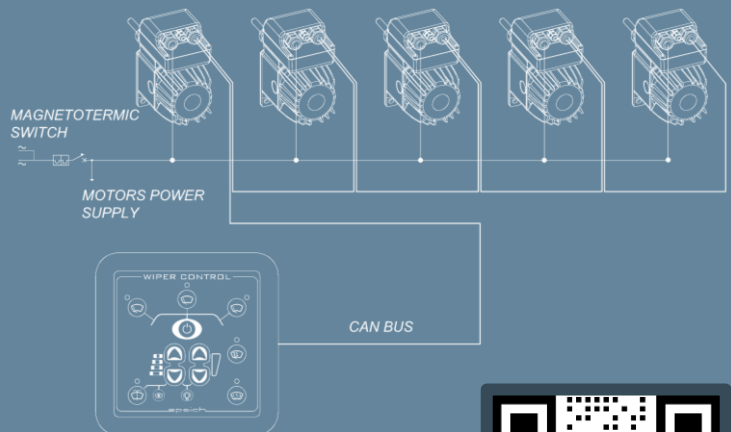
(\*) 10 mm step, on request up to 250 mm

## PRODUCT FEATURES

- IEC 60945 compliance.
- Suitable for medium sized windows and heavy-duty applications. Cross-wiping areas available to optimize the cleaning area.
- Motor compact design as to guarantee a simple installation. Easy self-parking setup.
- Wide range of adjustment during installation: adjustable spring preload and steering arm height adjustment.
- Materials and treatments carefully selected to guarantee high endurance and corrosion resistance.
- Wiper motor equipped with Distributed Control System technology (DCS): each motor has an electronic speed regulator, able to dialogue with other devices via CAN bus.
- DCS technology allows perfect synchronization of the wipers strokes and to drive wipers independently or in separate groups, with the possibility to set for each of them a specific running mode.
- DCS control panel can interact with the onboard integrated system, providing the control of the wiper system from different points of the deck and in different ways.

## SERVICES

- Project management from A to Z, specification compiled in close cooperation with client.
- 15 years product support program focus on long term spares service and product lifetime assistance.
- Short lead-time
- Hand polished stainless-steel AISI 316 wiper arms as standard. Other finishes on request are available.
- Custom-design components. Wiper arms with the possibility of folding for very recessed glass or specific applications.
- On request, wiper arm can be fitted with spray nozzles and/or heating element.
- Custom-made control panel layout and special functions



## CONTACT

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