

ELECTRIC SAIL-DRIVE

Maximum performance

Electric Sail-Drive's superior torque curve, in respect to conventional diesel marine engines, make the electric drive system a better choice for your yacht.

The asynchronous motor is brushless and absolutely free of maintenance.

Effective 3-blade propellers make low revolutions possible, offer high thrust performance and save a lot of space.

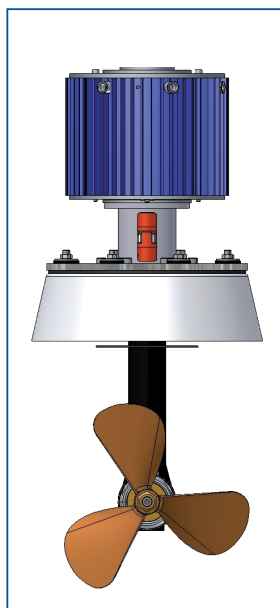
Controllable

The single-lever offers continuous control and operates the motor in forward and reverse gear.

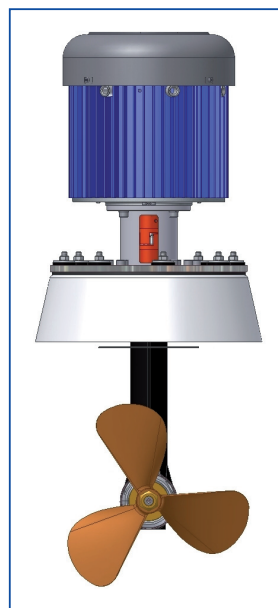
The highly sophisticated control works without any energy loss.

Low-noise

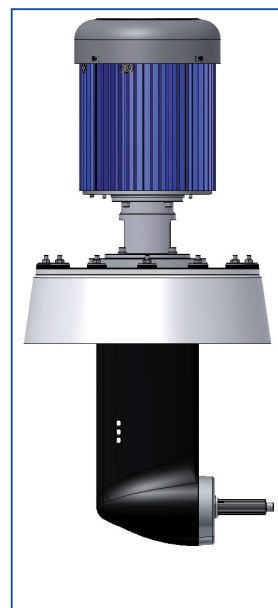
The low noise electric motor is almost free of vibration.



SDK 2,0 - 4,0 AC



SDK 2,5 - 6,0 AC



SDKH 8,0 - 25,0 AC

Environmental friendly

Electric motors are totally emission-free. They are the future in maritime applications, since they apply to all environmental protection requirements, today and in future.

Easy to install

The Sail-Drive is supplied with a base plate for lamination onto the vessel's hull to keep installation work to a minimum.

For installation of the Sail-Drive onto an existing "Volvo" or "Yanmar" plate.

Type	Power consumption	Power output	Voltage	Current	Total efficiency	Weight	up to displacement Sailingboot	Powerboot
SDK 2,0 AC	2,5 kW	2,0 kW	24 V	104 A	80 %	42 kg	2,0 t	-
SDK 3,0 AC	3,6 kW	3,0 kW	36 V	100 A	83 %	42 kg	3,0 t	-
SDK 4,0 AC	4,7 kW	4,0 kW	48 V	99 A	84 %	42 kg	4,0 t	-
SDK 2,5 AC	3,1 kW	2,5 kW	24 V	130 A	80 %	45 kg	2,5 t	1,0 t
SDK 3,5 AC	4,1 kW	3,5 kW	36 V	115 A	85 %	45 kg	3,5 t	1,4 t
SDK 4,3 AC	5,0 kW	4,3 kW	48 V	104 A	85 %	45 kg	4,3 t	1,7 t
SDK 5,0 AC	5,9 kW	5,0 kW	48 V	123 A	85 %	45 kg	5,0 t	2,0 t
SDK 6,0 AC	7,1 kW	6,0 kW	48 V	148 A	85 %	68 kg	6,0 t	2,4 t
SDKH 8,0 AC	9,4 kW	8,0 kW	48 V	196 A	85 %	80 kg	8,0 t	3,2 t
SDKH 10,0 AC	11,8 kW	10,0 kW	96 V	123 A	85 %	80 kg	10,0 t	4,0 t
SDKH 15,0 AC	17,1 kW	15,0 kW	96 V	178 A	88 %	91 kg	15,0 t	6,0 t
SDKH 20,0 AC	22,8 kW	20,0 kW	96 V	237 A	88 %	101 kg	20,0 t	8,0 t
SDKH 25,0 AC	28,4 kW	25,0 kW	96 V	296 A	88 %	101 kg	25,0 t	10,0 t

Higher performances on request

Base plate and shaft

Up to SDK 6,0 AC - small base plate and shaft diameter Ø 25 with 1:10 cone
From SDKH 8,0 AC - big base plate and shaft diameter Ø 25 with 1:10 cone



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