

ELECTRIC SAIL-DRIVE for sailingships

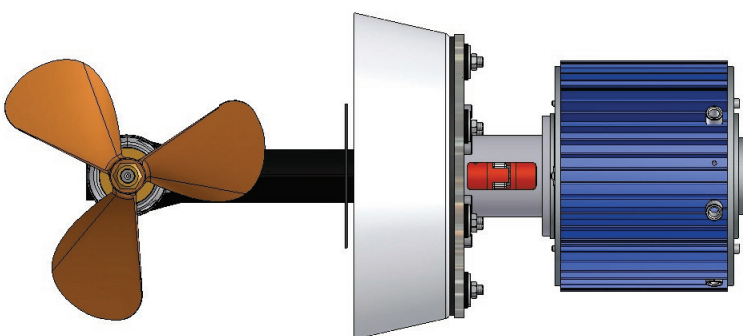
- **For maximum performance**
With our electrically-powered Sail-Drive, we offer a space-saving, robust and high-performance drive system. The Sail-Drive has a shaft diameter of Ø 25 and 1:10 taper shank for common types of propeller. Once you have fitted the corresponding three-blade propeller, you have access to power that is comparable to that of an onboard diesel engine.

- **Controllable**
The practical single-lever control provides stepless motor-speed regulation in forwards or backwards – and the high-performance electrical regulating system works with virtually no energy loss.

- **Low-noise**
The electric motor runs quietly and with almost no vibration.

- **Maintenance-free**
With the new three-phase motor absolutely maintenance-free.

- **Easy to install**
The Sail-Drive is supplied with a base plate for lamination onto the hull of the vessel an therefore, the installation works is kept to a minimum. The Sail-Drive is also applied with a adapter plate for direct bolt-attachment to existing fixed "Volvo" and "Yanmar" bases.



Performance specifications:

Type	SDK 2,0 AC	SDK 3,0 AC	SDK 4,0 AC
Power consumption	2500 Watt	3560 Watt	4700 Watt
Power output	2000 Watt	3000 Watt	4000 Watt
Voltage	24V	36 V	48 V
Current	104 A	99 A	98 A
Efficiency	81 %	84 %	85 %
Weight	42 kg	42 kg	42 kg
Boatweight	up to 2000 kg	up to 3000 kg	up to 4000 kg



Elektromaschinen

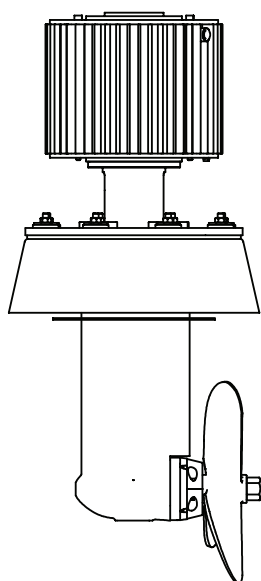
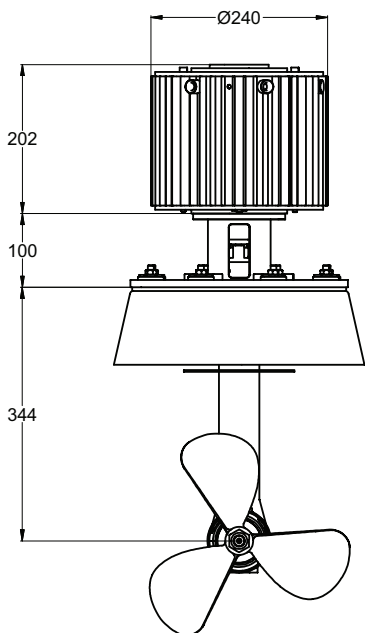
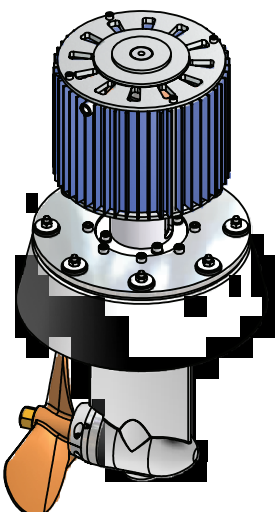
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Bezeichnung	DIN
Freimaßtol.	7168 1 / m / g
Freimaßtol.	+
Oberflächen	7168 1 / m / g
Segerringeinschl.	472
Zentrierbohrungen	332 A / B / R
Passnut	6885 A / B (P9/N9)
Freistriche	509 E / F

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kraeutler@kraeutler.at - www.kraeutler.at



Datum	Name
Bearb. 06.02.2007	K.A.
Freig.	

Gewicht:

K.A.	
K.A.	
K.A.	

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Name: D:\Vault\Work\Projekte\Saildrive_04.12.16.00\Abteilungen\SD_Starr 132-8 AC Unbelüf

Maßstab:	Mat.:
	SD AC Motor
	SD Starr AC Motor Unbelüftet
Artikel-Nr. / Document-Nr.	Index
	1 / 2
	A3

Maßstab:	Mat.:
SD AC Motor	
SD Starr AC Motor Eigenbelüftet	
Artikel-Nr./ Document-Nr.	Index
09A164800000SD_Ster 130-AC_Eigenbelüf	A3

ELECTRIC SAIL-DRIVE

- **Controllable**
The practical single-lever control provides stepless motor-speed regulation in forwards or backwards – and the high-performance electrical regulating system works with virtually no energy loss.

- **Easy to install**
- The Sail-Drive is supplied with a base plate for lamination onto the hull of the vessel and therefore, the installation works is kept to a minimum. The Sail-Drive is also applied with an adapter plate for direct bolt-attachment to existing fixed "Volvo" and "Yanmar" bases.

- **New**

All below-mentioned types are available as ROTATABLE SAIL-DRIVE!

Performance specifications:

Type	SDK 24	SDK 36	SDK 48
Power consumption	2400 Watt	3570 Watt	5000 Watt
Power output	2000 Watt	3000 Watt	4300 Watt
Voltage	24V	36 V	48 V
Current	100 A	99 A	104 A
Efficiency	83 %	84 %	86 %
Weight	25 kg	25 kg	25 kg
Boatweight	up to 2500 kg	up to 3500 kg	up to 5000 kg



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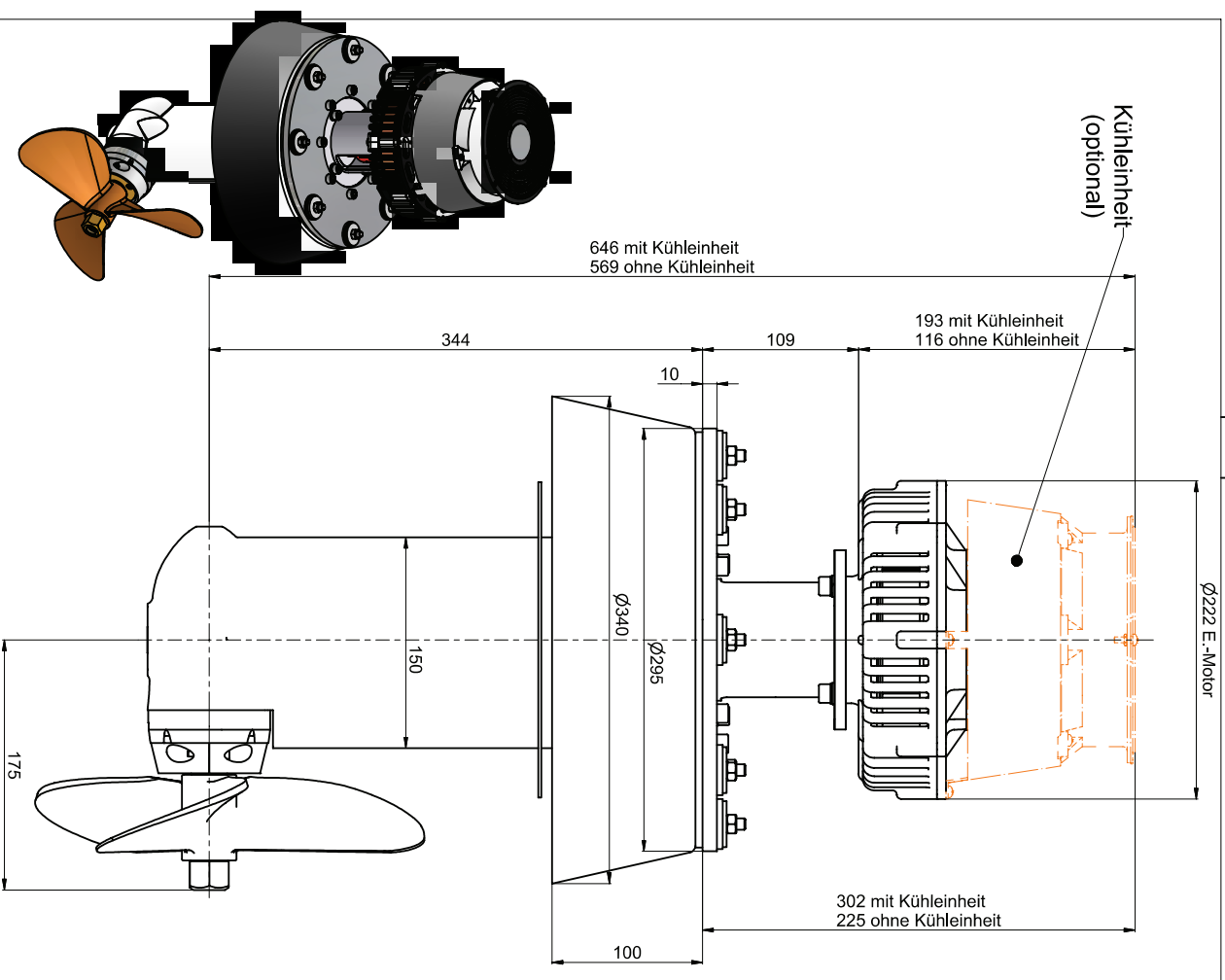
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ELECTRIC SAIL-DRIVE ROTATABLE



- **For maximum performance**
With our electrically-powered Sail-Drive rotatable, we offer a space-saving, robust and high-performance drive system. The Sail-Drive has a shaft diameter of Ø 25 and 1:10 taper shank for common types of propeller. Once you have fitted the corresponding three-blade propeller, you have access to power that is comparable to that of an onboard diesel engine.

- **Controllable**
The practical single-lever control provides stepless motor-speed regulation in forwards or backwards – and the high-performance electrical regulating system works with virtually no energy loss.

- **Low-noise**
The electric motor runs quietly and with almost no vibration.

- **Easy to install**
The Sail-Drive is supplied with a base plate for lamination onto the hull of the vessel and therefore, the installation works is kept to a minimum. The Sail-Drive is also applied with an adapter plate for direct bolt-attachment to existing fixed "Volvo" and "Yanmar" bases.

- **Rotatable**
Our electric Sail-Drive rotatable is equipped with a control lever. By this means, the lower part of the Sail-Drive can be oriented by a "bowden cable" providing an almost maneuverability.

Performance specifications:

Type	SDK-D 24	SDK-D 36	SDK-D 48
Power consumption	2400 Watt	3570 Watt	5000 Watt
Power output	2000 Watt	3000 Watt	4300 Watt
Voltage	24V	36 V	48 V
Current	100 A	99 A	104 A
Efficiency	83 %	84 %	86 %
Weight	27,5 kg	27,5 kg	27,5 kg
Boatweight	up to 2500 kg	up to 3500 kg	up to 5000 kg

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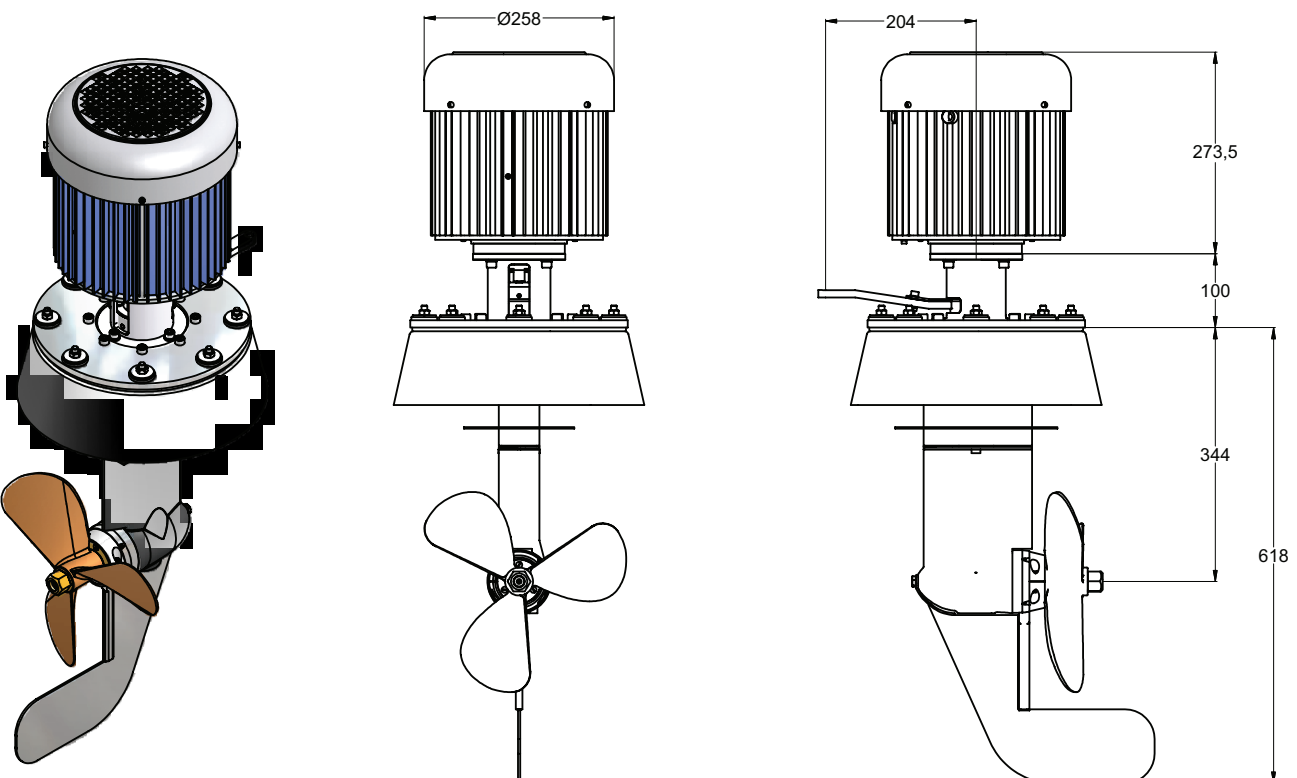
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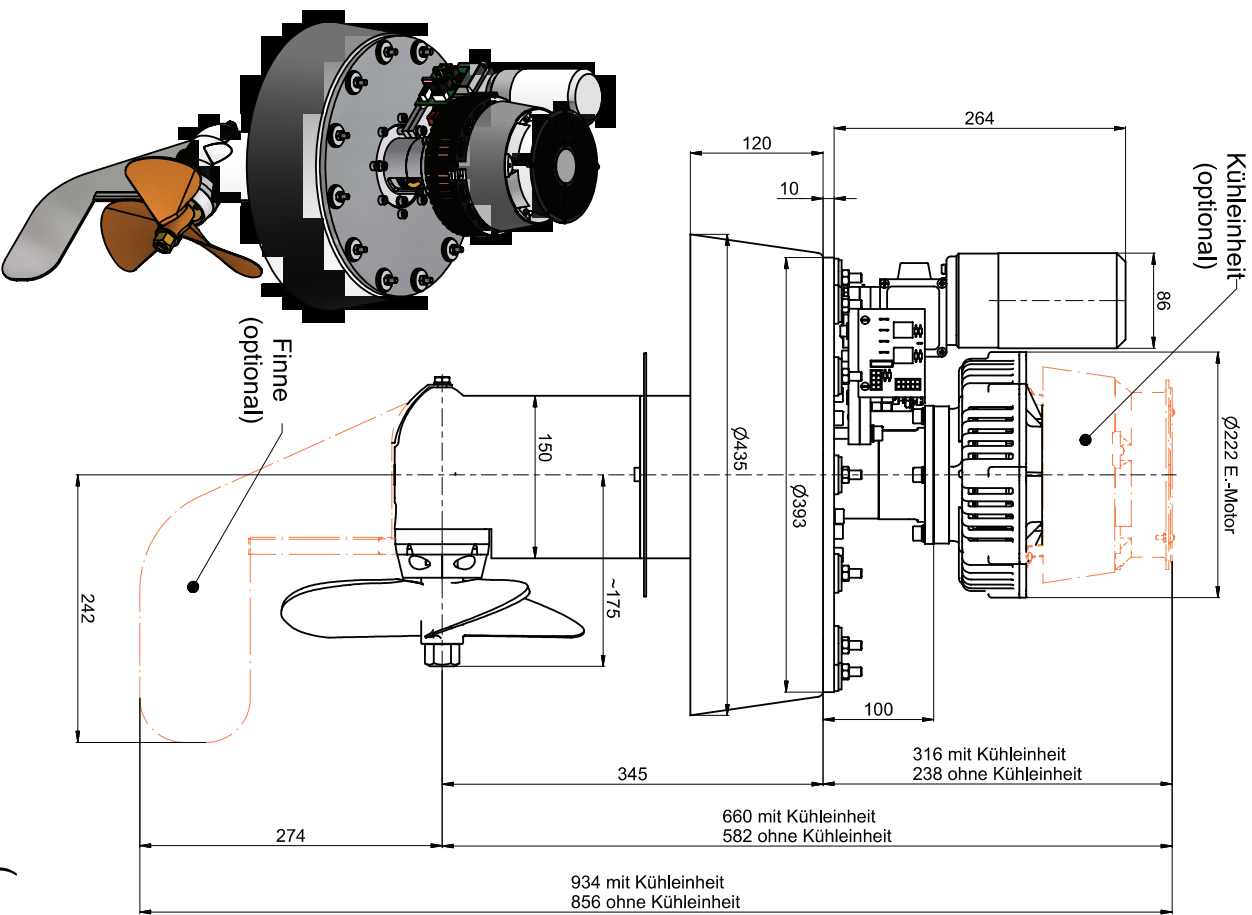


Bezeichnung		DIN	Kräutler		E	K	Maßstab:	Mat.:
Freimaßtol.		7168 1 / m / g	ELEKTROMASCHINEN GmbH				SD mechanisch drehbar	
Segerringeinst.		472	A-6890 Lustenau Hohenemserstr.47		Bearb.	Datum	SDK-D 2,5-5,0 AC	
Zentrierbohrungen		332 A / B / R	Tel. +43(0)5577/82534-0		Freig.	Name	1 / 2	
Passnut		6885 A / B (P9/N9)	Fax +43(0)5577/82534-10		Gewicht:		Index	
Freisteiche		509 E / F	kraeutler@kraeutler.at - www.kraeutler.at		Die Zeichnung ist urheberrechtlich geschützt und darf ohne Genehmigung weder vervielfältigt oder kopiert, noch Dritten zugänglich gemacht werden. Technische Veränderungen oder Verbesserungen behalten wir uns vor.		Artikel-Nr. / Document-Nr.	
					Zust.		D:\VaulWork\Projekte\Saildrive_04.12.16.00\Ableitungen\SD_D mit Finne+AC Motor 132 8 4kw.idw	
					Änderungen			
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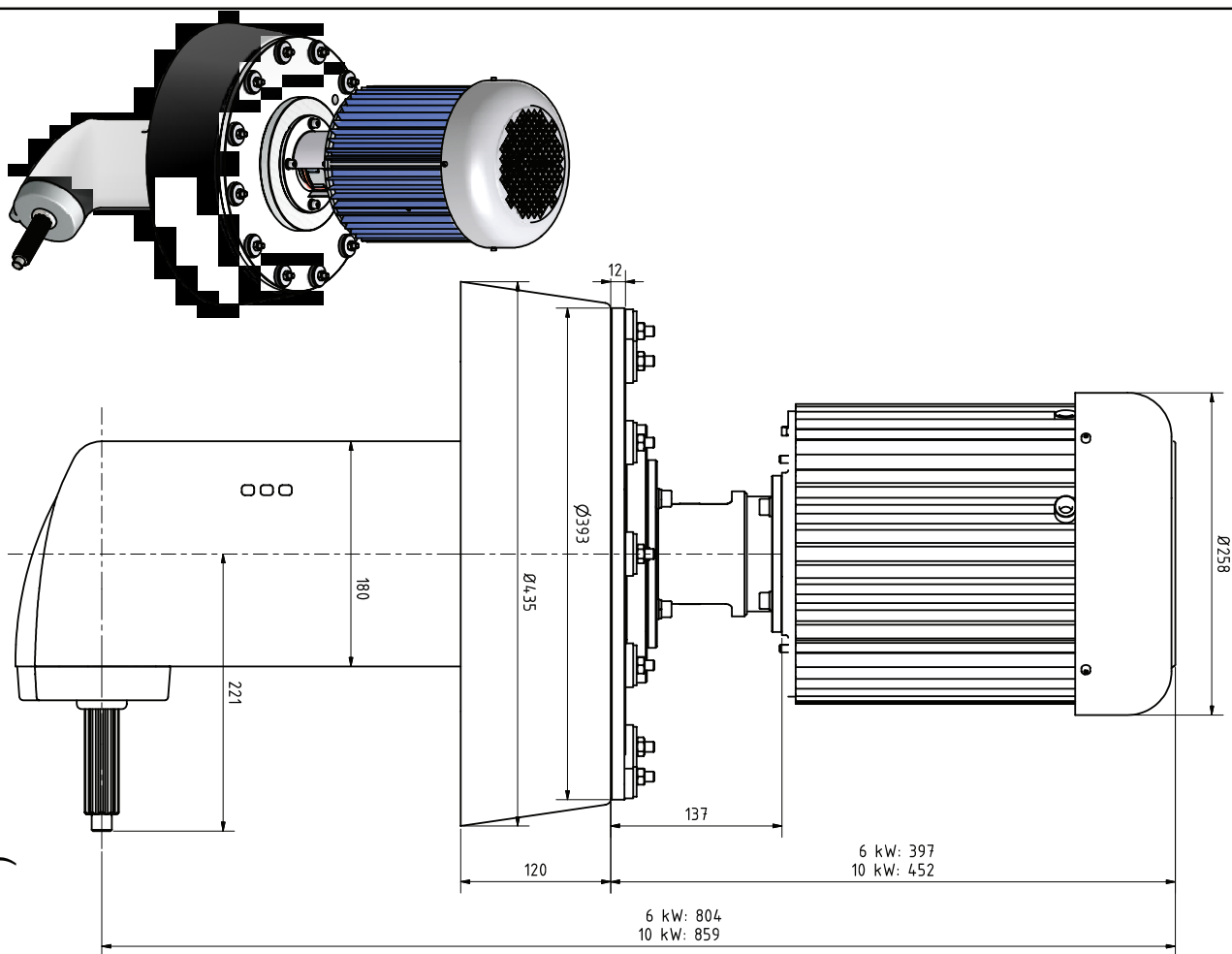
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Oberflache	472	472	
Seitenflache	392 A/B/R	392 A/B/R	
Zentrierflachen	6886 A/B/D/N/B	6886 A/B/D/N/B	
Passnut	509 E/F	509 E/F	
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Kruter			
ELEKTROMASCHINEN GmbH			
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Saltdrive drehbar 2x90°			
E-Steuerung			
SD-D 04.15 EST			
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Bezeichnung		DIN	
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Oberflache	472	472	
Seitenflache	392 A/B/R	392 A/B/R	
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Passnut	509 E/F	509 E/F	
Freistache			
Kruter			
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Vovo Saltdrive			
SDK 6,0-10,0 AC			
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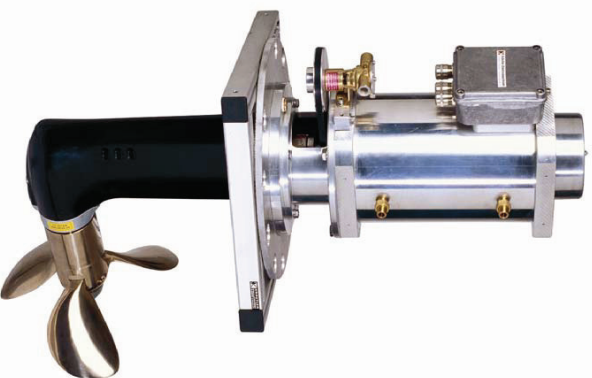
- **For maximum performance**

With our electrically-powered Sail-Drive, we offer a space-saving, robust and high-performance drive system. Once you have fitted the corresponding three-blade propeller, you have access to power that is comparable to that of an onboard diesel engine.

The practical single-lever control provides stepless motor-speed regulation in forwards or backwards – and the high-performance electrical regulating system works with virtually no energy loss.

The electric motor runs quietly and with almost no vibration.

The Sail-Drive is supplied with a base plate for lamination onto the hull of the vessel and therefore, the installation works is kept to a minimum. The Sail-Drive is also applied with an adapter plate for direct bolt-attachment to existing fixed "Volvo" and "Vanmar" bases.



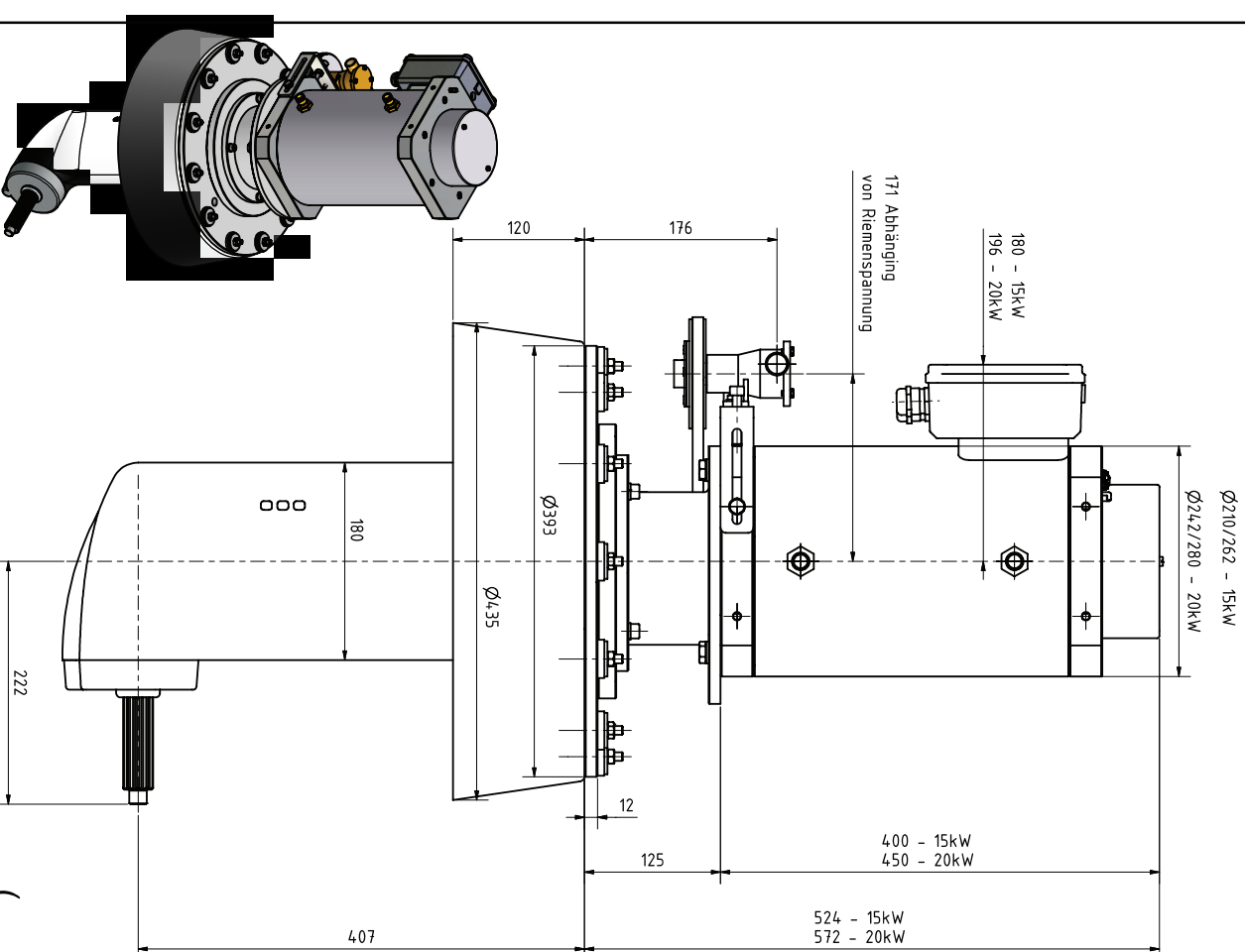
Type	SDK 400/15	SDK 400/20	SDK 400/25	SDK 400/30
Motortype	112M 15.0 4 W	132M 20.0 4 W	DHC 8 W	DHC 8 W
Power output	15 kW	20 kW	25 kW	30 kW
Generator-Voltage	400 V	400 V	400 V	400 V
Generator-Power	22 kW	30 kW	37 kW	45 kW
Efficiency	83 %	83 %	83 %	83 %
Cooling system	water	water	water	water
Weight	69 kg	82 kg	90 kg	95 kg



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Feinreißsch Ø 111 / 125 Oberflächre Seggenrührsch Zerkleinerbühnen Passend Freitriche		7766 FFM/9 7766 FFM/9 4/2 332 A-B/R 6066 A/B (FGN) 509 E/F		
Zust.			 	
Ausbringen				
Name		Datum 18.0.2005 Nimm K.G.		Maßstab Volvo Saildrive
Zust.		Beinh. 18.0.2005 Fring		
SD Volvo 15 + 20kW ARBEITEN, DOCKHILFEN, etc.		SD Volvo 15 + 20kW ARBEITEN, DOCKHILFEN, etc.		Maßstab Volvo Saildrive
Index		Index A3		

**SAIL-DRIVE up to 50kW
ELECTRIC ROTATABLE**

For maximum performance

h-performance drive system.

board diesel engine.

Controllable

works with virtually no energy loss.

Low-noise

almost no vibration.

Easy to install

Installation works is kept to a minimum.

direct bolt-attachment to existing fixed "Volvo" and "Yanmar" bases

Electric rotatable

we can be oriented by a "bowden cable" providing an almost manoverunability.

Performance specifications:

Type	SDK-ED 400/15	SDK-ED 400/20	SDK-ED 400/25	SDK-ED 400/30
Motor type	112M 15,0 4 W	132M 20,0 4 W	DHC 8 W	DHC 8 W
Power	15 kW	20 kW	25 kW	30 kW
Motor voltage	400 V	400 V	400 V	400 V
Motor power	22 kW	30 kW	37 kW	45 kW
Efficiency	83 %	83 %	83 %	83 %
Cooling system	water	water	water	water
Weight	76 kg	89 kg	97 kg	102 kg

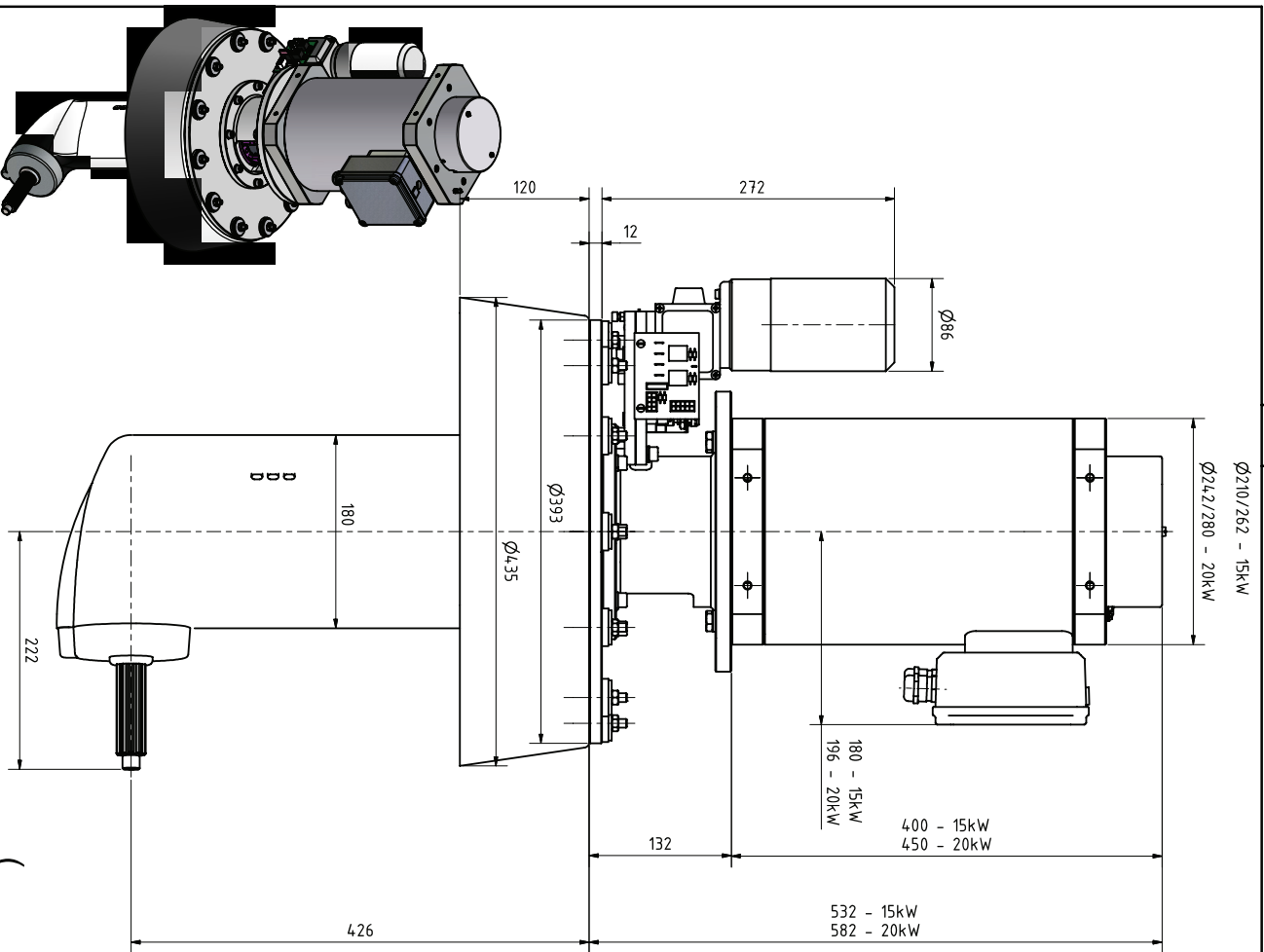


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