

Submersible pod motor for mounting in a rudder gland

Powerful

The Kräutler Outboarder: powerful, quiet and reliable. But every ship is different! We have developed a wide range of brackets and mounting options for the requirements on your boat. Whether mounting on the straight stern, in the engine bay or for mounting at a rudder gland under your ship, Kräutler has the right drive. The leading e-boat manufacturer in Europe confidence our technology, you can also benefit from our decades of experience.



Submersible pod motor for mounting in a rudder gland

Controller

With the comfortable single-lever controller a variable speed control in forward and reverse drive is possible. The high-quality electric controller works almost without loss and protects your valuable battery pack against too deep discharge. With the modern controller we have the possibility to adapt the drive system optimally to your ship.

Low noise

The luxury of being able to move almost silently is the most beautiful experience of navigating with an electrically powered boat. Whole chapters in the literature for the shipbuilding industry are devoted to noise reduction in the powertrain. The electric system with his uniform rotation has a low noise and vibration level.

Environment friendly

The future drive technology belongs to the electric motor. Besides the higher efficiency of an electric motor compared to a gasoline engine, the electric motor scores with its zero emissions. An additional advantage is that in comparison to the gasoline engine the electric motor is more simple structure and the resulting reduced amount of wear parts.

Article no.	Type	Power consumption	Power output	Voltage	Current	Total efficiency	Weight	up to boat weight	
								Sailing boat	Powerboat
102817	GPRV 0,5	0,5 kW	0,4 kW	24 V	21 A	85 %	15 kg	0,4 t	0,2 t
102180	GPRV 0,8	0,8 kW	0,7 kW	24 V	34 A	85 %	16 kg	0,7 t	0,3 t
144475	GPRV 1,6	1,6 kW	1,4 kW	24 V	67 A	85 %	21 kg	1,4 t	0,6 t
102182	GPRV 2,2	2,2 kW	1,9 kW	36 V	61 A	85 %	21 kg	1,9 t	0,8 t
138932	ACR 1,8	2,4 kW	1,8 kW	24 V	100 A	75 %	22 kg	1,8 t	0,7 t
	ACR 2,0	2,6 kW	2,0 kW	24 V	107 A	78 %	30 kg	2,0 t	1,0 t
139425	ACR 4,0	5,0 kW	4,0 kW	48 V	104 A	80 %	30 kg	4,0 t	1,6 t
140404	ACR 8,0	9,7 kW	8,0 kW	48 V	202 A	82 %	49 kg	8,0 t	3,2 t
143762	ACR 9,9	11,7 kW	9,9 kW	48 V	244 A	84 %	49 kg	-	-
141646	ACRS 11,0	13,2 kW	11,0 kW	48 V	275 A	83 %	62 kg	10,0 t	4,0 t
144371	SCR 15,0	17,0 kW	15,0 kW	48 V	355 A	88 %	79 kg	15,0 t	6,0t

possible options

	GPRV 0,5 and GPRV 0,8 with two-stage switch for speed control
104817	Rudder for GPRV
138910	Rudder for ACR 1,8, ACR 2,0 and ACR 4,0
140079	Rudder for ACR 8,0
105297	Special shaft length up to 1m to 5kW motor power
140888	Special shaft length up to 1m form 5kW up to 12kW
101358	Rudder gland for GPRV, ACR 1,8, ACR 2,0 and ACR 4,0 - Ø30mm, length 175mm
104066	Rudder gland for GPRV, ACR 1,8, ACR 2,0 and ACR 4,0 - Ø30mm, length 275mm
140077	Rudder gland for ACR 8,0 and ACRS 11,0 - Ø40mm, length 205mm
138905	Rudder gland for ACR 8,0 and ACRS 11,0 - Ø40mm, length 305mm
	ACR and ACRS Boost function 30 % power increase for 2 minutes

Length of standard shaft: 450mm



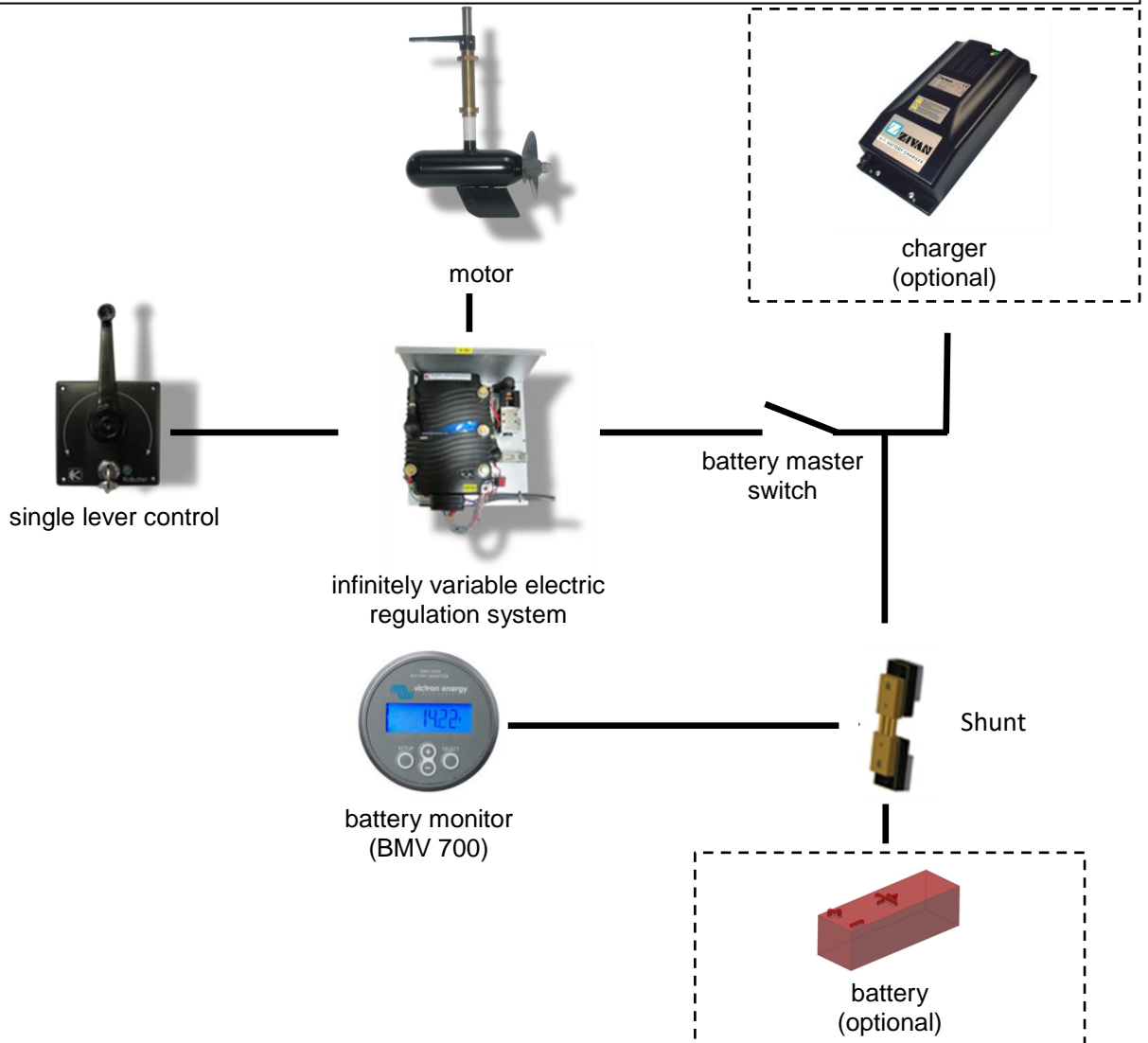
Kräutler Elektromaschinen GmbH, Hohenemser Str. 47, A-6890 Lustenau, Austria
 Telefon +43 / 5577 / 82534-0, Fax +43 / 5577 / 82534-10
 www.kraeutler.at, E-mail: kraeutler@kraeutler.at

Submersible pod motor for mounting in a rudder gland

All electric drives with Submersible motors consist of

- Motor with appropriate bracket
- Electric regulation system mounted on an aluminium base plate with fuse and cut-off relay
- Single lever control (throttle) for panel mounting in standard version with key switch, status LED, black front panel, black aluminium lever and mounting screws
 - Special designs at additional cost
- Cable set: controller-battery 3m, controller-motor 1,5m, controller-single lever control 5m,
 - Optional cable lengths at additional cost
- Battery master switcher and battery fuse
- Battery monitor BMV 700 with shunt and 10m connecting cable
- Fixed propeller
- Anode

ATTENTION: The GP motors are only for short using in seawater.



More information can be found in our catalog.
www.kraeutler.at/motoren/bootsmotoren

