



Prop-eye 170 / 265



The Power of silence



Prop-eye 265, 130 kp

Prop-eye 170, 40 kp

Prop-eye

Is an extremely silent and powerful high-performance propeller with external ring motor for short and continuous operation.

Thus it is usable as a drive unit or as bow- and stern thrusters.

Topic energy savings

Skippers know the situation:

Out of consideration for nature and for smaller boats there are usually speed limitations on fairways, rivers, channels or inland waters. Here the use of the main engine is not economic and it is designed for much higher speeds. Additionally there's the noise that one feels disturbing.

With Prop-eye you can switch off the main engine and cruise almost silently by using the much more quiet and energy saving generator as the main energy source.

With Prop-eye and the secondary generator every yacht becomes a hybrid-yacht

Because of the enormous power and the almost silent operation with optimum energy efficiency and the little required space, Prop-eye gives new perspectives in the field of yacht drive technology.

Prop-eye 265

The Prop-eye 265 is powered by three phase current.

With its 130 kp thrust it is an ideal drive system for silent and economic propulsion for example for cruising rivers or near the shore – without using the main engine.



Special features

- Robust
- No cavitation
- Longevity
- High efficiency
- Very low weight
- Low power consumption
- Compact, small assembly dimensions
- Smooth running device by axial guided propeller
- Very quiet and additionally acoustically decoupled from the hull
- Suitable especially on boats with little space available

Use as 3 phase current drive

- Powered directly by the generator
- Electronically controlled
- Stepless regulation of the rotation speed
- No galvanic corrosion
- Motor without spark formation (no contacts)
- Use of thin cables



The Prop-eye 170 is powered by alternating current (ac). When using the battery the provided potential transformer changes the co-current flow (dc) into alternating current (ac). Naturally it can also be driven without potential transformer driven directly by a generator.

So the Prop-eye 170 with its 40 kp thrust is an ideal combination as bow and stern thrusters under usage of the battery or a generator, or as an auxiliary drive under usage of a generator.

Prop-eye 170

Special features

- Robust and longevity
- No cavitation
- High efficiency
- Very low weight
- Low power consumption
- Compact, small assembly dimensions
- Smooth running device by axial guided propeller
- Available as AC or as DC version
- Very quiet and additionally acoustically decoupled from the hull
- Suitable especially on boats with little space available

Use as 3 phase current drive

- Powered directly by the generator
- Electronically controlled
- Stepless regulation of the rotation speed
- No galvanic corrosion
- Motor without spark formation (no contacts)
- Use of thin cables

Use as DC drive

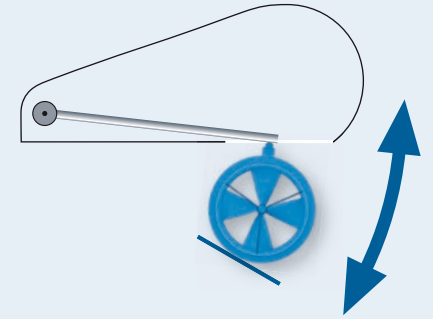
- Powered by battery bank
- Electronically controlled
- Stepless regulation of the rotation speed
- No galvanic corrosion
- Motor without spark formation (no contacts, no carbon brushes, no collector)
- Only 50% power consumption compared to conventional bow thrusters

Parameter	Prop-eye 170 DC drive	Prop-eye 265 3-phase current
Power input [kVA]	3,5	9,6
max. amperage [A]	15	14
Battery capacity [Ah]	12 V / 120 Ah with voltage transformer	with generator
Voltage [V]	L1 + N - 230 V AC	L1, L2, L3 400 V AC
Degree of protection [IP]	IP68	IP68
Thrust [Kp]	40	130
Thrust [N]	392	1275
Inner dimensions [mm]	171	267
Outer dimensions [mm]	277	376
Weight [kg]	12,5	19,5

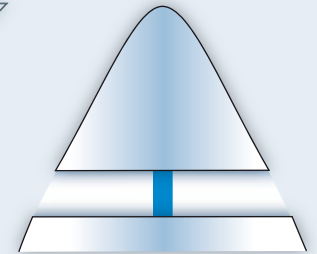
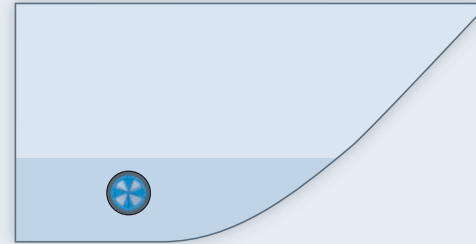


Prop-eye control lever

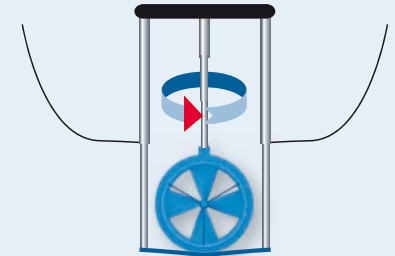
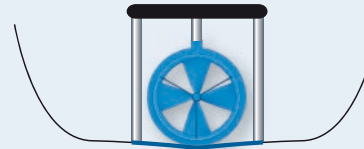
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Components for air handling systems – for 3 decades-worldwide:

Klingenburg GmbH with its headquarters in Gladbeck exists since 1979 and employs over 160 workers. On a area of 78000 m², in premises of 12600 m², products for energy and CO₂ reduction for the ventilation and process technology are manufactured.

As market leader we are well known for our innovative energy and high build quality. Under the motto “Energy saving and reduction” the Prop-eye is a prime example of the company’s innovation and is in perfect context with the worldwide renowned products that Klingenburg GmbH produces..