

ShaftMaster

Permanent magnet motors with mechanical marine gear with various gears available for every need; liquid-cooled. Solution designed for commercial applications with a high number of reversals, PTO up to 3000rpm.

Liquid Cooled

Reduction ratio $i = 1.40 - 1.88 - 2.25 - 2.75$

Propeller rpm = motor rpm/i

Including:

- Motor with mounting brackets and silent blocks
- Live PTO available
- Marine gear with integrated thrust bearing (up to 130 kW)
- Oil temperature sensor
- Output offset 103 mm
- Elastic coupling between motor and transmission
- Vector control inverter IP65
- Main switch and main fuse
- DC-DC converter 12 Vdc
- 1,5m cable for display, lever, key
- Quick install / easy connect / plug and play
- Inlet and outlet liquid connections
- Throttle lever (TFC)
- Self priming pump (mechanical) mounted aboard
- Oil-water cooler mounted aboard
- Closed loop liquid cooling

Optional:

- NMEA2000 compatible (upon request)
- DP280 ratio $i = 1.59 - 2.01 - 2.41 - 2.87 - 3.35 - 3.97 - 5.01$



Medium & Heavy Duty

PRODUCT CODE	DESCRIPTION	MOTOR SIZE	NOMINAL kW	INTERMITTENT kW	BATTERY Vdc	MOTOR rpm
BV230025W ...	ShaftMaster 25W	220-20	20	25	96	3000
BV230035W ...	ShaftMaster 35W	220-20	30	35	144	3000
BV230045W ...	ShaftMaster 45W	220-35	35	45	288	3000
BV230065W ...	ShaftMaster 65W	300-50	50	65	288	3000
BV230100W ...	ShaftMaster 100W	300-75	75	100	288	3000
BV230130W ...	ShaftMaster 130W	300-75	100	130	384	3000

(•••) According to reduction ratio



• Complete the scope of supply by adding control throttle, display, cooling kit, shaft with propeller