

SternMaster

Permanent magnet motors with steerable and trimmable Stern Drive transmission; available with air or liquid cooling.

Air Cooled

Reduction ratio $i=2$
Propeller rpm = motor rpm/i

Including:

- Motor with mounting brackets and silent blocks
- Vector control inverter IP65
- Precharge circuit
- DC-DC converter 12 Vdc
- 5m cable for display, lever, key
- Quick install / easy connect / plug and play
- Throttle lever with mechanical actuator (TFC)
- Elastic coupling between motor and transmission
- Trim kit

Optional:

- Main switch and main fuse (Only for 48/96/144Vdc battery w/o internal switch and fuse)
- TF display NMEA2000



PRODUCT CODE	DESCRIPTION	MOTOR SIZE	Light & Medium Duty		BATTERY Vdc	MOTOR rpm
			NOMINAL kW	INTERMITTENT kW		
BV330020A ...	SternMaster 20A	220-20	15	20	96 (102)	3000
BV330025A ...	SternMaster 25A	220-20	20	25	144 (140)	

(...) According to configuration
() Transfluid battery

Liquid Cooled

Reduction ratio $i=2$
Propeller rpm = motor rpm/i

Including:

- As above
- Inlet and outlet liquid connections
- ▲ Electric box (500x500mm) and wiring - DC-DC converter 24 Vdc
Key panel (OFF-ON)

Optional:

- As above



PRODUCT CODE	DESCRIPTION	MOTOR SIZE	Medium & Heavy Duty		BATTERY Vdc	MOTOR rpm
			NOMINAL kW	INTERMITTENT kW		
BV330025W ...	SternMaster 25W	220-20	20	25	96 (102)	3000
BV330035W ...	SternMaster 35W	220-20	30	35	144 (140)	
BV330045W ...	SternMaster 45W	220-35	35	45	288 (307)	
BV330065W ...	SternMaster 65W	300-50	50	65		
BV330097W ...	SternMaster 97W	300-75	75	97		

(...) According to propeller rotation
() Transfluid battery

- Complete the scope of supply with accessories from p. 19