





BOW PRO DC-AC INDUCTION BOW AND STERN THRUSTERS

BOW PRO thruster series (BOWA)

Revolutional concept matched with proven technology

Our BOW PRO thrusters use proven induction motors without carbon brushes. As a result, the bow / stern thruster motor is maintenance-free and has Endurance Rated* run-time! Just the tailpiece and the power circuits need regular maintenance. The induction motor is controlled by the VETUS MCV motor controller. The built-in over-temp and low battery protection, combined with the brushless induction motor make the BOW PRO thruster series highly resistent to abuse and ideal for the most demanding boater in the most difficult maneuvering situations!

The BOW PRO thruster is controlled by proprietary CANBUS protocol (digital control). There are two fully-proportional panels available for the BOW PRO thruster series; one basic panel (BPPPA) and one panel with lock-and-hold function for easy docking (BPPJA). BOW PRO thrusters utilize the same propellers and gearboxes proven in VETUS thrusters for over 30 years. Upgrading a boat with an existing thruster to a BOW PRO thruster is easily accommodated as the BOW PRO thruster was made to share tunnel sizes with current VETUS thrusters as well as many other brands. For boats with electric propulsion, VETUS offers the 48 V series pictured right. The BOW PRO range continues to expand. New models with higher outputs for 12, 24 and 48 Volt power supplies will be available soon. For the latest update on this thruster range, please contact your VETUS dealer or check our website.



Specifications

- Precision proportional control
- Endurance Rated Run-time Limited by the size of your battery bank.
- Maintenance-free brushless motor
- Built-in over-temp and low battery protection
- Highly resistent to abuse
- The thruster(s) and their control panels are connected by cables carrying digital V-CAN signals (VETUS canbus type allowing future integration into boat-wide electronic systems and information displays
- Electronic switching eliminates mechanical solenoids for improved reliability

VETUS strongly advices the use of original V-CAN connection cables to ensure an optimal connection between controls and truster.

Dimensions of all BOW PROs (in mm)

SERIES	BOWA	BOWA	BOW PRO	BOWA BOWB	BOWA BOWB	BOWA BOWB	BOWA BOWB	BOWB	BOWB
Output	30 kgf	36 kgf	42 kgf	55/57 kgf	65 kgf	76 kgf	90 kgf	110 kgf	130 kgf
А	210	210	210	210	210	210	282	282	282
В	350	358	378	393	413	413	452	452	452
ΕØ	200	200	200	200	200	200	200	200	200
FØ	110	125	125	150	185	185	185	185	185



Specifications	BOW PRO 301	BOW PRO 361	BOW PRO 421	BOW PRO 551	BOW PRO 572	BOW PRO 651	BOW PRO 761	BOW PRO 762	BOW PRO 902	>
Product code	BOWA0301	BOWA0361	BOWA0421	BOWA0551	BOWA0572	BOWA0651	BOWA0761	BOWA0762	BOWA0902	
Thrust in N (kgf) (power output)	300 (30)	360 (36)	420 (42)	550 (55)	570 (57)	650 (65)	760 (76)	760 (76)	900 (90)	
Power kW	1,6	1,6	3,1	3,1	3,1	3,1	3,1	3,1	5,7	
Brushless induction motor	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Tunnel diameter, internal, mm	110	125	125	150	150	185	185	185	185	For bigger
Weight excl. tunnel, in kg	24	24	35	35	35	35	35	35	35	models
For DC Systems, Volt	12	12	12	12	24	12	12	24	24	consult
Current consumption, Amps. Operating time	195	265	250	295	190	255	325	250	250	your dealer
- continuously at maximum thrust, in minutes	10	10	10	5	10	10	5	10	10	or our
- at reduced thrust	Endurance rated*							website		
Main fuse	ZE200 (200 Amps)	ZE300 (300 Amps)	ZE300 (300 Amps)	ZE300 (300 Amps)	ZE200 (200 Amps)	ZE300 (300 Amps)	ZE300 (300 Amps)	ZE300 (300 Amps)	ZE300 (300 Amps)	
Batteries 12 Volt D.C., min. Ah	1 x 85	1 x 125	1 x 105	1 x 120	2 x 85	1 x 125	1 x 125	2 x 85	2 x 105	
Battery main switch, model BATSW	250	250	250	250	250	250	250	250	250	

^{*} After the given runtime, power may reduce. At less than full power setting, run time depends on battery capacity







BOW PRO DC-AC INDUCTION BOW AND STERN THRUSTERS

BOW PRO 48V thruster series (BOWA)

Tailor made for vessels with electric propulsion

Specifications	BOW PRO 364	BOW PRO 574	BOW PRO 764
Product code	BOWA0364	BOWA0574	BOWA0764
Thrust in N (kgf) (effective power output)	360 (36)	570 (57)	760 (76)
Power kW	1,6	3,1	3,1
Brushless induction motor	✓	✓	✓
Tunnel diameter, internal, mm	125	150	185
Weight excl. tunnel, in kg	26	31	35
For DC Systems, Volt	48	48	48
Current consumption, Amps.	80	95	105
Operating time - continuously at maximum thrust, in minutes	10	10	10
- at reduced thrust		Endurance rated*	
Main fuse	ZE200 (200 Amps)	ZE200 (200 Amps)	ZE200 (200 Amps)
Batteries 12 Volt D.C., min. Ah	4 x 60	4 x 60	4 x 60
Battery main switch, model BATSW	100	150	150

^{*} After 10 minutes full power, power may reduce. At less than full power setting, run time depends on battery capacity













BOW PRO BOOSTED thruster series (BOWB)

BOW PRO with benefits

The BOW PRO Boosted thruster series is innovative and completely different compared to existing thrusters. All the features of the phenomenal BOW PRO with a bonus! On the motor, a third connections is present. This leads the power to the internal charger which boost the output up to double the voltage. In practice, this means you are able to connect the 24 V BOW PRO Boosted to a 12 V power supply and run it without any problems! Connecting the BOW PRO Boosted directly to a 24 V power supply is also possible of course. The built-in charger recharges your battery when the thruster is not in use, doubling the value of the BOW PRO Boosted on board.

Battery advice of the BOW PRO (BOOSTED) series is slightly higher than the advice for the conventional DC thrusters, as run time is decisive for these series. For appropriate control controls please see our options at page 190.













Specifications	BOW PRO BOOSTED 57	BOW PRO BOOSTED 65	BOW PRO BOOSTED 76	BOW PRO BOOSTED 90	BOW PRO BOOSTED 110	BOW PRO BOOSTED 130	BOW PRO BOOSTED 150
Product code	BOWB057	BOWB065	BOWB076	BOWB090	BOWB110	BOWB130	BOWB150
Thrust in N (kgf) (power output)	570 (57)	650 (65)	760 (76)	900 (90)	1100 (110)	1300 (130)	1500 (150)
Power kW	3,1 kW (24V)	3,1 kW (24V)	3,1 kW (24V)	5,7 kW (24V)	5,7 kW (24V)	5,7 kW (24V)	5,7 kW (24V)
Brushless induction motor	✓	✓	✓	✓	✓	✓	✓
Tunnel diameter, internal, mm	150	185	185	185	185	185	250
Weight excl. tunnel, in kg	37	37	37	37	37	37	37
For DC Systems, Volt	12 / 24	12 / 24	12 / 24	12 / 24	12 / 24	12 / 24	12 / 24
Current consumption, Amps.	95	130	250	250	275	290	300
Operating time - continuously at maximum thrust, in minutes	10	10	10	10	10	10	6
- at reduced thrust	Endurance rated*						
Main fuse	ZE200 (200 Amps)	ZE300 (300 Amps)	ZE200 (200 Amps)	ZE200 (200 Amps)	ZE300 (300 Amps)	ZE300 (300 Amps)	ZE300 (300 Amps)
Batteries 12 Volt D.C., min. Ah	2 x 60	2 x 60	2 x 108	2 x 105	2 x 125	2 x 150	2 x 165

^{*} After the given runtime, power may reduce. At less than full power setting, run time depends on battery capacity

Battery main switch, model BATSW 250









250

250

250